

Report Title	Proposed Forest Pods and Ancillary Development on land at Llandegla Forest, Denbighshire – Preliminary Ecological Appraisal
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Quality Assurance

Survey/ Assessment Work Schedule		
Survey/Assessment Type	Surveyors/ Author	Date
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Ecological background data search	Tom Knight	March 2022
Reptile presence/ absence survey	Tom Knight & Max Ellson	May/ June 2022
Walkover Bird Nest Survey	Tom Knight	24/05/22
Great Crested Newt eDNA survey	Tom Knight & Max Ellson	30/05/22

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Final with minor amendments.				

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The terms of this Contract have been fulfilled by Marches Ecology in accordance with the Chartered Institute of Ecology and Environmental Management's Code of Professional Conduct.

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This report is confidential to the client and we accept no responsibility of whatsoever nature to third parties to whom this report, or any part thereof, is made known. Any such party relies on the report at their own risk.

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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1 INTRODUCTION

1.1 Project Background

1.1.1 Marches Ecology was commissioned by One Planet Adventure Ltd to undertake a Preliminary Ecological Appraisal of land at Llandegla Forest, Denbighshire (Approximate OS Grid Ref. SJ 2380 5231). This Preliminary Ecological Appraisal (PEA) comprised the following desk study/ surveys:

- an ecological background data search;
- an Extended Phase 1 Habitat Survey;
- a Great Crested Newt (*Triturus cristatus*) presence/ absence (eDNA) survey;
- a reptile presence/ absence survey; and
- a walkover survey to check for (large) bird nests.

This report is provided as supporting information to an outline planning application for a small number of holiday accommodation pods and ancillary development.

1.1.2 This report has three key aims:

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

The structure of this 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).

1.1.3 As part of the proposal new photovoltaic panels would be installed on the existing Visitor Centre. The Visitor Centre was not included in the initial Extended Phase 1 Habitat Survey. However, a Preliminary Roost Assessment (PRA) has been undertaken with bat emergence surveys planned. The findings/ implications of these surveys are to be provided in a separate standalone report (not currently available). This report should be consulted for further details and will not be subsequently referenced in this PEA.

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-two 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 1.3 hectares¹. It is part of the much larger Llandegla Forest and is therefore characterised by conifer plantation. The northern boundary is delineated by a post-and-wire fence on the opposite side of which there is a minor road which leads to the Llandegla Visitor Centre (to the southwest). The western boundary is formed by a high security fence around an adjacent water treatment works. The eastern/ north-eastern boundary of the survey site is defined by the track leading to the Visitor Centre. The southern boundary is not defined.
- 1.3.2 The survey site is located on the north-eastern edge of Llandegla Forest approximately 1.6 km to the west of the small village of Gwynfryn. To the north of the survey site there is a complex area of conifer plantation, young mixed plantation, rough and poor semi-improved grassland and extensive stands of Bracken. This habitat is located between the minor road to the Visitor Centre and the A525. To the south, east and west there are further stands of conifer plantation, with more locally, scattered stands of broad-leaved trees.

1.4 The Proposal

- 1.4.1 The proposed development is presented on three Make Space Landscape Architecture Ltd (Make Space) plans as follows:
- 'Site Location Plan', Dwg. no. 0002-MS-xx-xx-DR-L-0001, Rev. P04, dated 04/08/22.
 - 'Landscape General Arrangement', Dwg. no. 0002-MS-xx-xx-DR-L-0002, Rev. P04, dated 04/08/22.
 - 'Parameters Plan', Dwg. no. 0002-MS-xx-xx-DR-L-0003, Rev. P04, dated 04/08/22.
- 1.4.2 The Site Location Plan confirms that the planning application boundary includes an area of 1.5052 hectares. The Parameters Plan provides further detail and confirms that within this area the land for the forest pods extends to approximately 4355 m², the car park/ vehicle access to 2196 m², drainage infrastructure to 622 m², a new pedestrian/ cycle route to 812 m² and a service corridor from the existing Visitor Centre to 304 m². That is an approximate total of 8290 m² of built development. The remaining 6763 m² is denoted as 'green infrastructure'.
- 1.4.3 The Landscape General Arrangement plan illustrates the approximate locations of 14 proposed forest pods which are linked by surfaced pedestrian/ cycle paths. A vehicle access track leads from the existing lane to the north to a new 20 space car park. To the west of this is a track for emergency service access. A pedestrian/ cycle track would be provided from the eastern end of the car park providing a link to the existing Visitor Centre. All of these tracks and parking would be surfaced with compacted site-won stone. A landform bund would be created to the north of the car park to provide some screening. The plan also depicts three small 'social gathering spaces'.
- 1.4.4 The Landscape General Arrangement plan shows a service corridor between the Visitor Centre and the proposed development. This is for utility connection.
- 1.4.5 A surface water attenuation pond would be provided to the northwest of the car park and would be linked via a shallow ditch to the existing watercourse on the western boundary.

¹ The survey site differs from the planning application boundary as this was developed subsequent to the completion of the surveys. Further detail is provided in *Section 2.2*.

The attenuation pond would have a total surface area of approximately 212 m² and would be designed so as to retain water below the outfall pipe. Two water treatment tanks are also to be installed. Further detail is provided in the Drainage Strategy (Waterco 2022).

- 1.4.6 The 'green infrastructure' around the built development includes areas of retained woodland to the west, south and east, along with scrub and broad-leaved woodland planting to provide screening. A 'grass verge' would be provided as a visibility splay. A new pond is to be excavated in an area of wet woodland to be planted towards the western boundary. Natural regeneration of broad-leaved woodland and more open moorland vegetation will be promoted in some areas. The existing conifer trees would be harvested prior to the construction phase/ any planting. The Design and Access Statement (Make Space 2022) provides further information.
- 1.4.7 The proposal includes for the harvesting of the conifer trees identified as Woodland 1 (W1) and T1 to T3 in the Arboricultural Impact Assessment (AIA) (Amenity Tree Care 2022). This would be undertaken prior to the commencement of construction-related works.
- 1.4.8 The Planning Statement (Pea Green Ltd 2022) provides further information on the proposal.
- 1.4.9 The following details have been provided with regards the construction phase:
- The vehicle access junction and car park would be delivered at an early stage of construction.
 - The car park would comprise compacted gravel (made of local stone) that provides a suitable base for delivery and lifting of the forest pods.
 - Compacted gravel pathways would be created to the site of each forest pod. These pathways will be sufficient to allow access for a small tracked excavator suitable for digging out the individual pod foundations.
 - Land outside of the specific areas for pods/ car parking/ pathways/ drainage infrastructure would remain unaffected by construction activities.
 - The foundation design for each pod would comprise concrete pad foundations with a steel or timber frame mounted on top to provide a level platform up to 1.5 m above ground level.
 - The pods would be delivered to the car park area as a single piece or in two pieces, after which they would be craned into position, secured to the foundations and connected to utilities.
 - Drainage routes to comprise buried pipes (between 150-300 mm diameter depending on the detailed design stage) or, where tree roots/ topography presents an obstacle to the pipe being buried, a shallow dig or mound over would be used.
- 1.4.10 As the application is for outline consent this information is indicative at this stage. The proposed construction commencement date, build duration and possible phasing are currently unknown.
- 1.4.11 No further detail with regards the proposed development has been provided at this stage.

1.5 Planning Policy

Introduction

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

Wales

Planning Policy Wales

- 1.5.2 Planning Policy Wales (PPW) sets out national land use planning policies (Welsh Government 2021). Chapter 6 is of particular relevance (though it is complementary to other themes within the document) and is entitled 'Distinctive and Natural Places'.

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

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

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

Furthermore, it states that:

'It is important that biodiversity and resilience considerations are taken into account at an early stage in both development plan preparation and when proposing or considering development proposals'.

'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 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'.

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

Technical Advice Note 5

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

plans; nature conservation in development control procedures; the conservation of internationally and nationally designated sites, habitats and local sites; and the conservation of protected and priority habitats and species.

- 1.5.5 In paragraph 2.4 it states that '*...when deciding planning applications that may affect nature conservation, local planning authorities should:*
- *pay particular attention to the principles of sustainable development, including respect for environmental limits, applying the precautionary principle, using scientific knowledge to aid decision making and taking account of the full range of costs and benefits in a long term perspective (PPW 2.2.1²);*
 - *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 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).*

Denbighshire

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

Denbighshire Local Development Plan

- 1.5.7 The Denbighshire Local Development Plan (DLDP³) was adopted in 2013 and is the development plan for the period 2006-2021. The DLDP remains the current development plan for the county as the Denbighshire Replacement Local Development Plan 2018-2033 has been delayed due to the pandemic. The DLDP along with the Supplementary Planning Guidance Notes (SPGs) and national planning policies, guidance and legislation '*...provide the framework for the use and development of land within the county*'.

² References to the relevant part of PPW.

³ <https://www.denbighshire.gov.uk/en/planning-and-building-regulations/local-development-plan/adopted-local-development-plan.aspx>

Relevant policies include:

- **RD 1 – Sustainable development and good standard design.** Lists fourteen policy criteria including, *'Development proposals will be supported ...provided that all the following criteria are met':*
 - *iii). Protects and where possible enhances the local natural and historic environment;*
 - *v). Incorporates existing landscape or other features, takes account of site contours and changes in levels and prominent skylines;*
 - *vi). Does not unacceptably affect the ...characteristics of the locality by virtue of increased activity, disturbance, noise, dust, fumes, litter, drainage, light pollution etc., ...*
 - *xi). Satisfies physical or natural environmental considerations relating to land stability, drainage and liability to flooding, water supply and water abstraction from natural watercourse; and*
 - *xiii). Incorporates suitable landscaping measures, including where appropriate hard and soft landscaping treatment, the creation and/or protection of green and blue corridors, mature landscaping, and arrangements for subsequent maintenance. Landscaping should create a visually pleasant, sustainable and biodiversity rich environment that protects and enhances existing landscape features and also creates new features and areas of open space that reflect local character and sense of place.*
- **PSE 11 – Major new tourism developments.** Includes a criterion for assisting *'in the regeneration and biodiversity objectives of Denbighshire'*. A similar criterion is included under several other policies.
- **VOE 1 – Key areas of importance.** *'The following areas will be protected from development that would adversely affect them. Development proposals should maintain and, wherever possible, enhance these areas for their characteristics, local distinctiveness, and value to local communities in Denbighshire:*
 - *Statutory designated sites for nature conservation;*
 - *Local areas designated or identified because of their natural landscape or biodiversity value;*
 - *Sites of built heritage; and*
 - *Historic Landscape, Parks and Gardens'.*
- **VOE 2 – Area of Outstanding Natural Beauty and Area of Outstanding Beauty.** Policy specific to these designated landscape areas.
- **VOE 4 – Enabling Development.** The criteria include reference to enabling development that *'will not materially detract from the ...biodiversity interest of an asset'*.
- **VOE 5 – Conservation of natural resources.** *'Development proposals that may have an impact on protected species or designated sites of nature conservation will be required to be supported by a biodiversity statement which must have regard to the County biodiversity aspiration for conservation, enhancement and restoration of habitats and species.'*

Where the overall benefits of a development outweigh the conservation interest of a locally protected nature site, mitigation and enhancement measures in or adjacent to these sites should be an integral part of the scheme.

If necessary, measures required to mitigate likely adverse effects on the qualifying features of statutory designated sites should be put in place prior to the commencement

of development. Measures required to offset any likely adverse effects will be secured by planning conditions and/ or planning obligations.

Planning permission will not be granted for development proposals that are likely to cause significant harm to the qualifying features of internationally and nationally designated sites of nature conservation, priority habitats, priority species, regionally important geodiversity sites, or to species that are under threat'.

- **VOE 6 – Water Management.** Promotes measures for water conservation and management.

Supplementary Planning Guidance

1.5.8 Following adoption of the DLDP Denbighshire County Council (DCC) reviewed and updated all Supplementary Planning Guidance (SPG). SPGs provide further advice on particular topic or policy areas and are a material consideration in the determination of planning applications for development. The following currently adopted SPGs are of particular relevance:

- *Supplementary Planning Guidance Note. Conservation and Enhancement of Biodiversity.* Adopted July 2016. Provides further advice on the consideration of biodiversity interests when submitting a development proposal and in particular with regards DLDP policies RD 1, VOE 1 and VOE 5. It details the legislative framework and planning process including pre-application considerations, likely survey/ assessment requirements and standards for any report to be submitted.
- *Supplementary Planning Guidance Note. Trees and Landscaping.* Adopted July 2016. Provides further advice on the protection of trees and hedgerows along with planting of trees as part of proposed developments particularly with regards DLDP policy RD 1.
- *Supplementary Planning Guidance Note. Clwydian Range and Dee Valley Area of Outstanding Natural Beauty (AONB).* Adopted April 2018. Provides further advice on the consideration of development proposals within the AONB. Planning policy VOE 2 is of particular relevance.
- *Supplementary Planning Guidance Note. Caravans, Chalets & Camping.* Adopted July 2018.
- *Planning for the Dark Night Sky. Supplementary Planning Guidance for Lighting in the Clwydian Range and Dee Valley Area of Outstanding Natural Beauty.* June 2022.

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 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 2018'*⁵.

The Conservation of Habitats and Species Regulations 2017 (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, Otter (*Lutra lutra*) 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, Water Vole (*Arvicola amphibius*), 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

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

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

the Environment Act provides a list of the living organisms and habitats of principal importance for the purpose of maintaining and enhancing biodiversity in Wales. This list replaces that previously provided in *Section 42* of the NERC Act.

The Protection of Badgers Act 1992 (The Badgers Act)

- 1.6.8 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 2 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*).
- 2.1.3 Clwyd Bird Recording Group was contacted directly to request any data on key species of bird that might nest within or near the survey site. These key species were identified from the Cofnod data-set and include Goshawk (*Accipiter gentilis*) and Long-eared Owl (*Asio otus*).

2.2 Field Survey

Extended Phase 1 Habitat Survey

- 2.2.1 The Extended Phase 1 Habitat Survey was carried out on 5th April 2022 by Tom Knight of Marches Ecology. The Extended Phase 1 Habitat plan is provided as *Figure 1*. The survey focussed on land within the site boundary (the ‘survey site’, refer to *Figure 1*). Immediately adjacent habitat was considered where deemed appropriate and viewed from the survey site boundary where possible. The weather during the survey was 100% grey cloud cover with some light rain showers and a moderate breeze.
- 2.2.2 As mentioned in *Section 1.4* the survey site differs somewhat from the planning application boundary. In reality the only areas (proposed for development) outside the survey site include the service corridor from the Visitor Centre and part of the pedestrian/ cycle track to the Visitor Centre. A small area on the southeast side of the planning application site is also located outside the survey site but has been identified for natural regeneration of broad-leaved woodland.
- 2.2.3 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.

2.2.4 In addition to the habitat map and target notes, a plant species list was compiled (provided in *Table 3, Section 7*). Plant nomenclature in this report follows Stace (2022). April is within 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.

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

- **Badger.** Areas within the survey site that might be used by Badger for foraging and sett building were assessed. Incidental foraging signs, tree scratching, paths, latrines and setts were recorded if found (Harris *et al.*, 1989).
- **Bats.** The potential value of the habitat for foraging/ commuting and roosting was assessed in accordance with *Table 4.1* provided in Collins (2016).
- **Otter.** The assessment method was adapted from that described in JNCC (2004a).
- **Water Vole.** The potential value of available habitat for Water Voles was assessed in accordance with guidance provided in Dean *et al.* (2016) and JNCC (2004a).
- **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).

Great Crested Newt Survey

2.2.6 A Great Crested Newt presence/ absence survey was conducted of three ponds within approximately 250 m of the proposed development site. All three ponds are located within Llandegla Forest at approximate OS Grid refs. SJ 2399 5234, SJ 2407 5206 and SJ 2411 5207. The locations of these ponds are shown on *Figure 2*. This eDNA survey was completed in accordance with the Natural England protocol WC1067 (Biggs *et al.*, 2014). The eDNA testing service provided by NatureMetrics⁶ was utilised, with the sampling equipment being provided by this organisation.

2.2.7 The samples were collected by Tom Knight and Max Ellson of Marches Ecology who both hold a current Natural Resources Wales Great Crested Newt survey/ disturbance licence (Licence nos. S088571/1 and S088575/1 respectively). The water samples were collected on 30th May 2022 and in accordance with the 'field water sample collection protocol' detailed in Biggs *et al.* (2014, *op. cit.*). The samples were stored appropriately and sent via courier to the NatureMetrics laboratories for analysis.

⁶ <https://www.naturemetrics.co.uk/>

Reptile Survey

- 2.2.8 A reptile presence/ absence survey was completed during May/ June 2022 by Tom Knight and Max Ellson of Marches Ecology. While reptiles are largely active between March and October, the best survey months tend to be April to May/ June and September. The most effective method for a reptile presence/ absence survey is through the deployment of artificial refugia (0.5 m² tiles of roofing felt and or corrugated metal sheets) around the survey site, concentrating on potentially suitable habitat or other features for reptiles that were previously identified during the Extended Phase 1 Habitat Survey.
- 2.2.9 Froglife (1999) indicates that for general survey purposes five to ten refuges per hectare is adequate, however generally it is recommended that a much greater number than this is used to give a better chance of recording reptiles if present. 56 artificial refugia were deployed in areas of suitable habitat throughout the survey site (and immediately adjacent areas). *Figure 3* shows the approximate location of the reptile refugia deployed during the presence/ absence survey.
- 2.2.10 A period of approximately one-two weeks was allowed between deploying the refugia and the first check, to allow sufficient time for them to 'bed-down'. The refugia were deployed on the 5th May 2022. The deployed refugia were then re-visited during the survey period, when the weather was suitable, and all reptiles found recorded. When walking between refuges the surveyor also notes down any reptiles seen as some species do not use refuges as readily as others. Froglife (1999) suggests that at least seven visits in suitable weather conditions are required for a presence/ absence survey.

Walkover Survey for Large Bird Nests

- 2.2.11 A walkover survey of the site and immediately surrounding habitat was conducted to search for large bird nests, focussing on birds of prey and specifically Goshawk. The survey was conducted from ground level with the aid of close-focussing binoculars. Every large tree within the survey site was searched along with the ground beneath each tree. The ground was searched for evidence such as feathers, prey remains, pellets, droppings.
- 2.2.12 This survey was completed by Tom Knight of Marches Ecology on 24th May 2022. The weather during the survey was 50% white cloud to 100% grey cloud cover with a mixture of sunny spells and light rain showers, and a light to moderate breeze.

2.3 Survey Limitations

- 2.3.1 The following may be considered survey limitations:
- The Extended Phase 1 Habitat Survey was undertaken at the beginning of the recognised survey period. Some flowering plants will not have been visible.
 - Some small parts of the planning application site are not included within the survey site.
 - Some parts of the survey site are characterised by dense scrub/ vegetation which may have obscured evidence of use by protected/ notable species.
 - Both dense Bramble scrub and wind-blown trees prevented access from some small parts of the survey site.
 - Tree foliage obscured parts of the trunk and upper branches.
 - Undertaking the reptile survey visits during May proved difficult due to the unsettled nature of the weather; it was often too cold, windy and or wet.

- When conducting the search for large bird nests it was not always possible to search all parts of all trees, particularly where the trees were located close together or the crowns were dense.
- Due to the number of trees on site they were not individually assessed (for bats).

None of the survey limitations listed above significantly affected the findings of the surveys 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 three statutory designated sites within 2 km of the survey site as follows:

- Berwyn and South Clwyd Mountains Special Area of Conservation (SAC) located approximately 522 m southeast (Ruabon Mountain) and 756 m northwest (Llandegla Moor) of the survey site at its closest points.
- Ruabon/ Llantysilio Mountains and Minera Site of Special Scientific Interest (SSSI) located approximately 522 m southeast (Ruabon Mountain) of the survey site at its closest point.
- Llandegla Moor SSSI located approximately 756 m northwest of the survey site at its closest points.

3.1.2 The SAC was designated due to the presence of the following features:

Annex I habitats that are a primary reason for selection of the site

- European Dry Heaths.
- Blanket Bogs.

Annex I habitats present as a qualifying feature, but not a primary reason for selection of this site

- Semi-natural dry grasslands and scrubland facies on calcareous substrates (*Festuco-Brometalia*) (Important Orchid sites).
- Transition mires and quaking bogs.
- Calcareous and calcshist screes of the montane to alpine levels (*Thlaspietea rotundifolii*).
- Calcareous rocky slopes with chasmophytic vegetation.

No Annex II species are identified as a reason for selection.

3.1.3 The Ruabon/ Llantysilio Mountains and Minera SSSI was designated primarily for '*its heather moor, limestone and neutral grassland habitats and for its species interest comprising a range of upland breeding birds, rare and uncommon plants and the use of mines and caves by bats*'⁷. Some of the disused mines are used by hibernating bats including Lesser Horseshoe (*Rhinolophus hipposideros*). It was also notified for its geological interest.

3.1.4 The Llandegla Moor SSSI was designated '*for its botanical interest as a habitat example of heather Calluna vulgaris dominated dwarf-shrub heath*'⁸. The breeding bird assemblage is also noted and includes a number of ground-nesting priority species such as Merlin (*Falco columbarius*), Red Grouse (*Lagopus lagopus*), Black Grouse (*Tetrao tetrix*), Lapwing (*Vanellus vanellus*) and Curlew (*Numenius arquata*).

3.1.5 The survey site is located within the Clwydian Range and Dee Valley Area of Outstanding Natural Beauty (AONB). This is largely a landscape designation and tool for the planning system and will not be considered further in this report.

⁷ From SSSI citation sheet.

⁸ From SSSI citation sheet.

Non-statutory

- 3.1.6 There are six non-statutory designated sites within 2 km of the survey site as follows:
- Pen-dinas Wildlife Site (WS) located approximately 1.24 km to the west-southwest of the survey site at its closest point.
 - Nant-y-fridd Wetland WS located approximately 360 m to the north of the survey site at its closest point.
 - Bwlchgwyn Quarry WS located approximately 1.69 km to the northeast of the survey site at its closest point.
 - Eisteddfod Grassland WS located approximately 1.47 km to the east of the survey site at its closest point.
 - Eisteddfod Quarry WS located approximately 1.13 km to the east of the survey site at its closest point.
 - Aber Sychnant WS located approximately 766 m to the southeast of the survey site at its closest point.
- 3.1.7 No reasons for designation of Nant-y-fridd Wetland WS are provided on the Local Sites System for Wales. Aber Sychnant WS includes various semi-improved grassland types, semi-natural broad-leaved woodland, flushes and a stream. The other four sites largely comprise semi-improved grasslands and various habitats associated with disused quarries.
- 3.1.8 Minera Quarry (North Wales Wildlife Trust Nature Reserve) is located approximately 798 m to the east of the survey site at its closest point. Part of this Reserve is located within the Ruabon/ Llantysilio Mountains and Minera SSSI.
- 3.1.9 There are four areas of Ancient Semi-natural Woodland (ASNW) within 2 km of the survey site. They are all located around the edges of Minera Quarry. The closest stand to the survey site is approximately 940 m to the southeast.
- 3.1.10 There are eight 'Traditional Orchards' clustered around Four Crosses/ Gwern Hall.

3.2 Habitats and Flora

Introduction

- 3.2.1 The Extended Phase 1 Habitat map is provided as *Figure 1*. The Target Notes (numbered 1 to 12) are provided in *Section 5* and shown on *Figure 1*.

Conifer Plantation

- 3.2.2 The survey site is largely characterised by semi-mature/ mature *Picea sitchensis* (Sitka Spruce) plantation (*Target Note 2*). Most of the trees have an approximate diameter at breast height (dbh) of 0.3-0.7 m. It is relatively open as there has been some past thinning undertaken and a number of trees have been the subject of wind-blow. Historic forestry furrows are evident throughout. The ground layer is variable, in places it is dominated by *Rubus fruticosus* agg. (Bramble). Where the canopy is closed the ground is often bare or is characterised by various ferns and mosses (e.g., *Polytrichum commune*, *Hylocomium splendens*, *Plagiomnium undulatum*, *Kindbergia praelonga*, *Hypnum jutlandicum*, *Sphagnum* spp.), with occasional to locally frequent *Oxalis acetosella* (Wood-sorrel), occasional *Vaccinium myrtillus* (Bilberry), *Deschampsia flexuosa* (Wavy Hair-grass), *Galium saxatile* (Heath Bedstraw) and *Calluna vulgaris* (Heather). In wetter areas there is locally frequent *Deschampsia cespitosa* (Tufted Hair-grass), *Agrostis stolonifera* (Creeping Bent), *Sphagnum* spp. and *Juncus effusus* (Soft-rush).



The conifer plantation (*Target Note 2*) - above & below.





Trees and Scrub

- 3.2.3 There is a small area of open habitat with a very small stand of *Salix cinerea* (Grey Willow)-dominated carr at **Target Note 3**. The ground layer beneath the carr is dominated by Tufted Hair-grass with occasional *Galium Palustre* (Common Marsh-bedstraw) and *Dryopteris dilatata* (Broad Buckler-fern). The carr is located adjacent to a patch of dense Bramble-dominated scrub by the watercourse at **Target Note 4** and a small area of semi-improved acid grassland.



The small stand of Willow carr with the acid grassland in the foreground at Target Note 3.

- 3.2.4 There is an open area within the conifer plantation that is dominated by dense Bramble scrub with locally frequent Soft-rush and Broad Buckler-fern, and smaller areas that are dominated by tree saplings (including Rowan, Larch, Goat Willow, Downy Birch and Sitka Spruce) (*Target Note 5*). There are also some small stands dominated by *Chamerion angustifolium* (Rosebay Willowherb). It is deeply rutted throughout and includes old vehicle tracks.



Bramble scrub at Target Note 5.

- 3.2.5 There is a steep slope up to a forestry track at *Target Note 9*. It is characterised by scattered semi-mature/ mature *Sorbus aucuparia* (Rowan) with locally abundant Bramble.

Grassland

- 3.2.6 There is a small area of semi-improved acid grassland at *Target Note 3*. The acid grassland is dominated by *Agrostis capillaris* (Common Bent) with locally frequent Tufted Hair-grass, occasional Bilberry, Heather and Heath Bedstraw.

Tall Ruderal Vegetation

- 3.2.7 There is an area of open habitat at (*Target Note 1*). It is characterised by a tall ruderal mosaic, approximately a third of which is dominated by *Pteridium aquilinum* (Bracken) with the remainder dominated by Rosebay Willowherb with frequent *Holcus lanatus* (Yorkshire-fog), locally frequent Bramble, *Urtica dioica* (Common Nettle), *Galium aparine* (Cleavers), occasional *Rubus idaeus* (Raspberry), *Heracleum sphondylium* (Hogweed) and Tufted Hair-grass. Young trees of Rowan, *Betula pubescens* (Downy Birch) and *Salix caprea* (Goat Willow) (the latter close to the ditch) are scattered throughout. This area has been subject to past disturbance.
- 3.2.8 A single plant of *Neottia ovata* (Common Twayblade) was recorded from this area on 15th June 2022.



Part of the tall ruderal/ Bracken vegetation at *Target Note 1*.

Watercourse/ Dry Ditches

- 3.2.9 There is a minor watercourse/ drainage ditch that flows approximately southwest to north at *Target Note 4*. At the downstream end (northernmost 20 m) it is approximately 0.8 m wide and 0.05 m deep with a moderate flow over silt/ peat. The banks extend to approximately 0.5 m above the water level and have a slope of between 15-30°. No aquatic vegetation is visible. The banks are dominated by Bramble extending across the channel with locally frequent Soft-rush and *Myosotis* sp. Further upstream the channel is approximately 0.3-0.5 m wide with banks that are almost vertical and extend to approximately 1 m above the water level. It has a fast flow over silt/ gravel. No aquatic or marginal vegetation is visible. The banks are overhung by abundant Tufted Hair-grass with frequent Bramble and various ferns.



The northern end of the watercourse at *Target Note 4*.



The southern end of the watercourse at Target Note 4.

- 3.2.10 The Willow carr (*Target Note 3*) is aligned along a shallow ditch that supports frequent Soft-rush, locally frequent *Juncus articulatus* (Jointed Rush) and small amounts of *Stellaria alsine* (Bog Stitchwort) and *Lotus pedunculatus* (Greater Bird's-foot-trefoil). The ditch is approximately 0.7 m wide with water to a depth of 0.02-0.05 m deep with a slow flow.
- 3.2.11 There is a dry ditch at *Target Note 6* that is approximately 0.7 m wide and up to 1 m deep, towards the western end it is less than half that.
- 3.2.12 The ditch at *Target Note 7* held a small amount of water in places at the time of the survey but based on the vegetation present is likely to be dry most of the time. It is approximately 1.5 m wide in the base and at least 3-4 m wide between the bank-tops. The down-hill bank extends to approximately 1.5-2 m above the base; the up-hill side rises with the slope. The banks generally have a slope of 30-50°. Towards the northeast end a small amount of Soft-rush, *Juncus acutiflorus* (Sharp-flowered Rush), *Juncus bulbosus* (Bulbous Rush), Tufted Hair-grass and Creeping Bent was recorded.
- 3.2.13 There is a dammed section of ditch that has created a small, temporary waterbody that measures approximately 2.5 m wide, 6-7 m long and up to 0.25 m deep (*Target Note 7a*). No marginal or aquatic vegetation is visible.



The temporary waterbody at Target Note 7a.

Other Habitat

- 3.2.14 There is a bank/ verge to approximately 5 m wide on a steep slope (50°) between the plantation and the Visitor Centre access track at *Target Note 8*. It is largely located outside the survey site. It supports abundant Bracken, frequent Bilberry, locally frequent *Erica cinerea* (Bell Heather) and occasional Heather. The bank also supports scattered young trees/ shrubs - Rowan, Sitka Spruce and *Ulex europaeus* (Gorse).



Part of the slope at *Target Note 8*.

- 3.2.15 There is a small open area on a steep slope amongst the plantation at *Target Note 12*. It is located outside the survey site. It supports abundant Bilberry, frequent *Vaccinium vitis-idaea* (Cowberry), locally frequent Bracken, occasional Bell Heather and Heather. There are scattered young Rowan trees.
- 3.2.16 There is an area of recent clear-fell on a steep slope outside the survey site at *Target Note 11*.



Clear-fell (*Target Note 11*).

Flora

- 3.2.17 No notable plants or species of plant listed in *Schedule 9* of the *Wildlife and Countryside Act 1981* were recorded during the survey.
- 3.2.18 Cofnod provided a large number of plant records from within the 2 km search area (though none from within the survey site). Some of the plant records provided by Cofnod may be of relevance to the survey site (e.g., *Hyacinthoides non-scripta* Bluebell, *Gymnadenia conopsea* Common Fragrant-orchid, *Hypericum maculatum* Imperforate St. John's-wort, *Dryopteris carthusiana* Narrow Buckler-fern, *Milium effusum* Wood Millet, *Jungermannia pumila* Dwarf Flapwort).
- 3.2.19 Cofnod provided records of seven *Schedule 9* species: *Impatiens glandulifera* (Himalayan Balsam), *Cotoneaster simonsii* (Himalayan Cotoneaster), *Fallopia japonica* (Japanese Knotweed), *Crocasmia xrocosmiiflora* (Montbretia), *Crassula helmsii* (New Zealand Pigmyweed), *Rhododendron ponticum* (Rhododendron) and *Lamium galeobdolon* subsp. *argentatum* (Variegated Yellow Archangel). The former plant was recorded from 'Llandegla Forest' in 2015.

3.3 Species/ Species Groups

Badgers

- 3.3.1 No setts were recorded within the survey site. Opportunities for sett excavation are found throughout the survey site as it provides sloping ground with some areas of dense vegetative cover.
- 3.3.2 No confirmed evidence of Badger activity was recorded from the survey site.
- 3.3.3 The conifer plantation that characterises most of the survey site provides habitat of low potential value for foraging.
- 3.3.4 Cofnod provided three records of Badger from the 2 km search area, all of which refer to setts. The closest record to the survey site is from Llandegla Forest and is approximately 656 m away.

Bats

Trees within the Survey Site

- 3.3.5 The 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.
- 3.3.6 There are no broad-leaved trees within the survey site that are of sufficient size/ age or might otherwise contain suitable features, that could support roosting bats.
- 3.3.7 The Sitka Spruce trees within the survey site are unlikely to provide any roosting opportunities (e.g., Kirkpatrick 2016).

Foraging/ Commuting Habitat.

- 3.3.8 The Sitka Spruce plantation within the survey site consists of semi-mature/ mature trees and due to past thinning/ recent wind-blow is quite open beneath the canopy. There are also several small open areas of habitat, typically Bramble scrub, tall ruderal vegetation and or stands of Bracken. The edges of the plantation, including the lane to the north, also provide sheltered, linear features, favoured by some species of bat. This habitat is of moderate to high potential value for foraging/ commuting bats.

- 3.3.9 The wider area beyond the survey site also provides habitat of high potential value for foraging/ commuting bats and includes further areas of conifer plantation, mixed plantation, scrub, moorland, hedges and several waterbodies such as Pendinas Reservoir.
- 3.3.10 Cofnod provided records of five species of bat for within the 2 km search area as well as 'Bat', 'Myotis Bat species' and 'Whiskered/ Brandt's Bat'. The records include Brown Long-eared bat (*Plecotus auritus*), Daubenton's Bat (*Myotis daubentonii*), Lesser Horseshoe, Natterer's Bat (*Myotis nattereri*) and Whiskered Bat (*Myotis mystacinus*). Most of these records are from around Minera Quarry. The closest record to the survey site is for 'Bat' approximately 565 m to the northeast. It is dated 2005 with no further details. There are one or more roost/ hibernation sites for all of the species mentioned above within Minera Quarry. Some of these roosts support notable numbers of individual bats.

Otter

- 3.3.11 No evidence of Otter was recorded within the survey site (although a detailed survey was not undertaken). There is one minor watercourse within the survey site at *Target Note 4*. This watercourse flows into Nant-y-Ffrith Reservoir. It is possible that Otters could follow this feature when moving between different parts of their territory. The survey site is otherwise unlikely to be of value for this species.
- 3.3.12 Cofnod provided a small number of Otter records from Llandegla Fishery, Nant-y-Ffrith Reservoir and road casualties along the A525 road.

Water Vole

- 3.3.13 No evidence of Water Vole was recorded within the survey site (although a detailed survey was not undertaken). The minor watercourse at *Target Note 4* could potentially be used by Water Voles. However, it supports little vegetation that might provide cover and a feeding resource for this species. It is considered to be of sub-optimal potential value at most.
- 3.3.14 Cofnod did not provide any records of this species.

Great Crested Newts

Habitat Assessment and Background Data

- 3.3.15 There is a dammed section of ditch at *Target Note 7a*. This waterbody is considered to be a temporary feature: it was dry by May 2022. No other aquatic habitat is located within the survey site (other than the watercourse at *Target Note 4*).
- 3.3.16 An initial review of the OS map 1:25, 000 scale and relevant internet-based mapping including aerial photography⁹ indicates that there may be three waterbodies within approximately 250 m of the survey site (excluding ditches). There is a small 'wildlife pond' (Pond 1) near the Visitor Centre, approximately 58 m southeast of the survey site at its closest point. There are two further waterbodies shown on the OS map approximately 32 m northwest of the survey site at its closest point. The latter two features were confirmed to be dry during the Extended Phase 1 Habitat Survey.

⁹ <https://www.google.co.uk/maps/place/Llandegla,+Wrexham+LL11+3AS/@53.063072,-3.2228466,5500m/data=!3m2!1e3!4b1!4m5!3m4!1s0x487acbb73f5ed56b:0x39b75fd9f0b0d44a!8m2!3d53.063048!4d-3.205337>



The small pond (Pond 1) near the Visitor Centre which measures approximately 1 m by 3 m.



One of the two features located just to the north of the water treatment works and confirmed to be dry at the time of the survey.

- 3.3.17 There may be a further three waterbodies within 250 m - 500 m of the survey site (not including Pendinas Reservoir). All three waterbodies are ponds within Llandegla Forest located approximately 310 m southeast of the survey site. The actual presence of any waterbodies has not been confirmed by survey.
- 3.3.18 The conifer plantation, areas of scrub, unmanaged grassland and tall ruderal vegetation within the survey site provide terrestrial habitat of moderate/ high potential value. The survey site contains features that could provide refugia/ hibernacula including ditch banks, small mammal tunnels, tree roots/ root-plates, a pile of rocks and brash at *Target Note 10*, etc.

- 3.3.19 Cofnod provided a small number of records for Great Crested Newt from within the 2 km search area. There are clusters of records from Minera Quarry, Maes Maelor and Llandegla Fishery, and Esclusham Mountain (the latter dated 1992). The closest record to the survey site is from 633 m to the northwest at Maes Maelor; the records at Llandegla Fishery are approximately 712 m to the west. The closest record at Minera Quarry is approximately 1.17 m to the east.
- 3.3.20 Cofnod provided a small number of records of Smooth Newt (*Lissotriton vulgaris*) from Llandegla Fishery, and a number of records of Palmate Newt (*Lissotriton helveticus*) from Llandegla Forest, Llandegla Fishery, Minera Quarry and an area to the north of Llandegla Forest. A number of records for Common Frog (*Rana temporaria*) and Common Toad (*Bufo bufo*) from within Llandegla Forest and the surrounding area were also provided.
- 3.3.21 A single Common Frog and a single Common Toad were recorded beneath the refugia during the reptile survey on several dates.

Presence/ Absence Survey

- 3.3.22 The location of the three sampled ponds is shown on *Figure 2*. Ponds 2 and 3 were included to ensure a robust survey approach. Brief descriptions of these three ponds are as follows:
- Pond 1. This waterbody is provided in a 'wildlife area' near the Visitor Centre. It measures approximately 1 m by 3 m and is lined. At the time of the eDNA survey the water level was very low (approximately 2 cm deep). A photo of this pond is provided above.
 - Pond 2. This waterbody measures approximately 20 m by 20 m, the depth is unknown. It receives water from a small watercourse which flows in from the west as well as surface water from the adjacent forest track. The banks extend to approximately 1.5-2 m above the water level with a slope of 30-45°. The banks support locally frequent Grey Willow and as such approximately 75% of the bank was not accessible. The pond supports abundant *Equisetum fluviatile* (Water Horsetail) and *Potamogeton natans* (Broad-leaved Pondweed) throughout with abundant Creeping Bent, locally abundant *Glyceria fluitans* (Floating Sweet-grass), locally frequent *Typha latifolia* (Bulrush) and *Ranunculus flammula* (Lesser Spearwort) and occasional *Comarum palustre* (Marsh Cinquefoil) in the margins.



Pond 2.

- Pond 3. This waterbody measures approximately 10 m by 7 m, the depth is unknown. It receives water from a small watercourse which flows in from the west and subsequently flows into Pond 2. The banks extend to approximately 0.2 m above the water level and support Grey Willow and young Sitka Spruce. Access was not possible to approximately 50% of the bank. The pond is dominated by Water Horsetail with locally frequent Marsh Cinquefoil, occasional Common Marsh-bedstraw and *Cardamine pratensis* (Cuckooflower). Creeping Bent and *Sphagnum palustre* are locally frequent in the margins. Half of this pond is characterised by a floating raft of vegetation.



Pond 3.

- 3.3.23 Following collection of the water samples Smooth/ Palmate Newt (*Lissotriton* sp.) eggs were recorded from Ponds 1 and 2.
- 3.3.24 *Table 1* provides a summary of the eDNA survey results from lab analysis by NatureMetrics. The NatureMetrics report is reproduced in full as *Appendix 3*.

Table 1 – eDNA Survey - Summary Results

Pond	GCN Score	Inhibition	Degradation	GCN Status
1	(00) Negative	Pass	Pass	Negative
2	(00) Negative	Pass	Pass	Negative
3	(00) Negative	Pass	Pass	Negative

- 3.3.25 The NatureMetrics report states that the '*results indicate GCN absence in 'Pond-1', 'Pond-2', and 'Pond-3'. The extraction blank control and the qPCR negative controls were negative, and the qPCR positive controls and their replicates amplified as expected*'.
- 3.3.26 This species will not be considered further in this report.

Reptiles

Habitat Assessment and Background Data

- 3.3.27 The survey site includes a number of small areas of open habitat (*Target Notes 1, 3, 4, 5, 8 and 9*) and the ground layer beneath the plantation is often heathy in character. The plantation is quite open with a number of wind-blown trees. This habitat is of moderate potential value for reptiles. There is also habitat of potential value for reptiles close to, but outside the survey site (*e.g., Target Note 11*).
- 3.3.28 Cofnod provided a large number of Adder (*Vipera berus*) records from within the 2 km search area. There are particular clusters of records from around Pendinas Reservoir (within Llandegla Forest), Minera Quarry and Llandegla Moor (to the east of Moel Garegog). The closest of the records around the Reservoir to the survey site is approximately 280 m to the south. The records extend up to and include 2021.
- 3.3.29 Cofnod provided a large number of Common Lizard (*Zootoca vivipara*) records from within the 2 km search area. There are particular clusters of records from around Pendinas Reservoir, Minera Quarry and Esclusham Mountain with scattered records on Llandegla Moor. The closest of the records around the Reservoir to the survey site is approximately 299 m to the south. The records extend up to and include 2021.
- 3.3.30 Cofnod provided a small number of Grass Snake (*Natrix helvetica*) records from within the 2 km search area. There are records from Llandegla Forest, Minera Quarry, around Nant-y-frith Reservoir and east of Four Crosses. The closest record to the survey site is from the northern side of Pendinas Reservoir approximately 353 m southwest. This record is dated 2019.
- 3.3.31 Cofnod provided a small number of Slow-worm (*Anguis fragilis*) records from within the 2 km search area. They are all from Minera Quarry and Bwlchgwyn Quarry.

Presence/ Absence Survey

- 3.3.32 The presence/ absence survey was completed between 12th May and 15th June 2022. *Table 2* below provides details of the weather conditions recorded during the reptile survey visits.

Table 2 – Reptile Survey; Weather Conditions

Visit	Date	Start Time	Air temperature	Wind (Beaufort Scale)	General Weather Conditions
1	12/05/22	09.35 hrs	9.5-10.8°C	1-3	Some sunny spells, white/ grey cloud 50-60%.
2	19/05/22	15.50 hrs	15.6-16.1°C	2-3	Bright sunshine, 5-10% white cloud.
3	27/05/22	15.50 hrs	13.5-14.2°C	3-4	50% scattered white cloud increasing throughout visit, dry.
4	07/06/22	14.45 hrs	17.3-18.7°C	0-1	Some spells of bright sunshine, 75% white/ grey cloud.
5	09/06/22	15.45 hrs	15.9-16.2°C	2-3	Variable 50-80% white cloud increasing throughout, occasional direct sun (rain earlier in day).
6	13/06/22	15.30 hrs	14.1°C	1-3	80-100% grey/ white cloud, some spells bright sunshine.
7	15/06/22	10.45 hrs	16.8-17.7°C	1-2	30% white cloud, bright/ hazy sunshine.

- 3.3.33 A single sub-adult male Grass Snake was recorded beneath refugia 22 on 19th May with an adult male recorded basking in the vegetation near refugia 7 on 9th June 2022. No other reptiles were recorded.

Birds

Habitat Assessment and Background Data

- 3.3.34 Eighteen species of bird were recorded during the Extended Phase 1 Habitat Survey either within the survey site or flying over it. Several other species including Blackcap (*Sylvia atricapilla*), Bullfinch (*Pyrrhula pyrrhula*), Lesser Redpoll (*Acanthis cabaret*) and Willow Warbler (*Phylloscopus trochilus*) were recorded during subsequent survey visits. The Willow Warbler, Bullfinch, Lesser Redpoll, Goldcrest (*Regulus regulus*), Long-tailed Tit (*Aegithalos caudatus*), Song Thrush (*Turdus philomelos*), Mistle Thrush (*Turdus viscivorus*) and Dunnock (*Prunella modularis*) are priority species¹⁰. All of these species of bird could potentially nest within the survey site. Other species recorded included Treecreeper (*Certhia familiaris*), Chiffchaff (*Phylloscopus collybita*), Siskin (*Carduelis spinus*), Crossbill (*Loxia curvirostra*) and various Tits. The survey site provides nesting opportunities for species of bird associated with conifer plantation, shrubs, Bramble, tall ruderal vegetation and features such as up-turned root-plates and ditch banks.
- 3.3.35 Cofnod provided a large number of bird records from within 2 km of the survey site (though none from within it) many with four-figure grid references. Records of possible relevance to the survey site include Barn Owl (*Tyto alba*), Black Grouse, Blackcap, Blue Tit (*Cyanistes caeruleus*), Bullfinch, Buzzard (*Buteo buteo*), Chiffchaff, Coal Tit (*Periparus ater*), Common Redpoll (*Acanthis flammea*), Crossbill, Cuckoo (*Cuculus canorus*), Dunnock, Fieldfare (*Turdus pilaris*), Garden Warbler (*Sylvia borin*), Goldcrest, Goldfinch (*Carduelis carduelis*), Goshawk, Grasshopper Warbler (*Locustella naevia*), Great Spotted Woodpecker (*Dendrocopos major*), Great Tit (*Parus major*), Grey Wagtail (*Motacilla cinerea*), Kestrel (*Falco tinnunculus*), Lesser Redpoll, Long-eared Owl, Long-tailed Tit, Mistle Thrush, Nightjar

¹⁰ As defined in CIEEM (2017a).

(*Caprimulgus europaeus*), Pied Wagtail (*Motacilla alba yarrellii*), Raven (*Corvus corax*), Red Grouse (*Lagopus lagopus*), Redstart (*Phoenicurus phoenicurus*), Redwing (*Turdus iliacus*), Siskin, Snipe (*Gallinago gallinago*), Song Thrush, Sparrowhawk (*Accipiter nisus*), Spotted Flycatcher (*Muscicapa striata*), Starling (*Sturnus vulgaris*), Swallow (*Hirundo rustica*), Tawny Owl (*Strix aluco*), Tree Pipit (*Anthus trivialis*), Treecreeper, Whitethroat (*Curruca communis*), Willow Warbler and Woodcock (*Scolopax rusticola*). Some of these species could potentially nest within the survey site.

- 3.3.36 Clwyd Bird Recording Group confirmed that the records that they hold for key species at Llandegla Forest 'are from the forest edge with the moorland, not next to the main road'.

Walkover Survey

- 3.3.37 No large bird nests were recorded within the survey site or immediately adjacent part of Llandegla Forest. No evidence of the presence of an active Goshawk nest was recorded around the base of the trees. A small number of Wood-pigeon (*Columba palumbus*) and Carrion Crow (*Corvus corone*) nests (both disused and currently in use) were recorded.

Other Species

- 3.3.38 Cofnod provided a small number of records for Hedgehog (*Erinaceus europaeus*) though none from close to the survey site. The habitat within the survey site is potentially suitable for this species.
- 3.3.39 Cofnod provided a large number of Hare (*Lepus europaeus*) records some of which are from within Llandegla Forest, the closest being from near Pendinas Reservoir. A single Brown Hare was seen on the minor road adjacent to the survey site on 19/05/22 and 15/06/22.
- 3.3.40 Cofnod provided records for Fallow Deer (*Dama dama*), Polecat (*Mustela putorius*), Stoat (*Mustela erminea*) and Water Shrew (*Neomys fodiens*): none from within the survey site.
- 3.3.41 A small number of moths and butterflies were recorded from the survey site, e.g., Brimstone butterfly (*Gonepteryx rhamni*), Devon Carpet (*Lampropteryx otriegata*), Red-necked Footman (*Atolmis rubicollis*), Tawny-barred Angle (*Macaria liturata*), Yellow-barred Gold (*Micropterix aureatella*), etc. Cofnod provided a number of records of butterflies and moths: none from within the survey site. Some of these records may be of relevance to the survey site, e.g., Broom Moth (*Ceramica pisi*), Dusky Brocade (*Apamea remissa*), Knot Grass (*Acrionicta rumicis*), Small Phoenix (*Ecliptopera silaceata*), Small Square-spot (*Diarsia rubi*) and White Ermine (*Spilosoma lubricipeda*).
- 3.3.42 Cofnod provided a number of records of a range of other invertebrates: none from within the survey site. Those of potential relevance to the survey site include Bilberry Bumblebee (*Bombus monticola*) and *Walckenaeria nodosa* (a Spider).

4 EVALUATION, ASSESSMENT AND RECOMMENDATIONS

4.1 Introduction

4.1.1 Brief details regarding the proposal are provided in *Section 1.4*. As it concerns an outline application all plans provided are considered illustrative/ indicative at this stage. 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/ information provided only. This assessment considers the proposed development site and immediately surrounding area.

4.1.2 Further consideration of potential impacts and possible mitigation /compensation measures would be required following the provision of a detailed proposal at the reserved matters stage. The conclusions and recommendations provided here must therefore also be considered indicative.

4.2 Evaluation, Assessment and Recommendations

Designated Sites

4.2.1 No statutory or non-statutory designated sites would be directly impacted by the proposed development. No ASNW would be directly impacted.

4.2.2 The proposed development needs to consider potential indirect impacts (due to sewerage/ wastewater management and surface water drainage) on the River Dee and Bala Lake/ Afon Dyfrdwy a Llyn Tegid SSSI/ River Dee and Bala Lake SAC. Natural Resources Wales (NRW) issued a Planning Position Statement in January 2021 confirming that any proposed development that might increase phosphate levels within a receiving SAC should be screened through a Habitat Regulations Assessment (HRA). A Habitat Regulations Assessment report (Waterco 2022a) has been prepared to address this issue and should be consulted for further information.

4.2.3 A Drainage Strategy (Waterco 2022) has been prepared in support of the planning application and this document should be consulted for further information. Surface water would be collected from the proposed development and feed into an attenuation pond. A ditch from this attenuation pond will provide an outlet to the existing watercourse by the western boundary. Discharge of surface water to the watercourse would be limited by a hydrobrake chamber to a rate of 2 l/s.

4.2.4 A package sewage treatment plant is to be installed to receive foul drainage from both the proposed development and the existing Visitor Centre. A Klargester Commercial Biodisc would be provided which would reduce phosphate to 0.3 mg/l (Waterco 2022). It is expected that this would greatly improve the current septic tank system servicing the Visitor Centre. Treated effluent would be discharged via the retained wet woodland/ new ditch to the watercourse on the western boundary. The wet woodland and ditch would provide additional

phosphate removal. No measurable indirect impact on the River Dee is currently anticipated.

- 4.2.5 The proposed forest pods have been designed to increase existing visitor dwell-time at the One Planet Adventure facility. It is not anticipated that the proposal would result in an increase in visitor numbers at any of the designated sites.
- 4.2.6 Due to the nature of the proposal, the habitat within the proposed development site and the distance to most of the Wildlife Sites/ ASNW, no indirect impacts are anticipated.
- 4.2.7 The minor watercourse at *Target Note 4* flows into Nant-y-ffridd Wetland WS approximately 433 m downstream and on the opposite side of the A525 road. Surface water and treated effluent would be discharged to this watercourse. Brief details of the proposed sustainable drainage system and foul water treatment are provided above. Best practice pollution prevention measures (for the construction phase) are detailed further below.

Habitat

- 4.2.8 The survey site includes the following habitat resources:
- Conifer plantation;
 - Willow carr;
 - Individual trees and shrubs;
 - Patches of scrub;
 - Tall ruderal/ Bracken;
 - Semi-improved acid grassland;
 - A watercourse; and
 - Dry ditches.
- 4.2.9 Due to the size and quality of most of the habitat resources listed above they are considered to be of no more than site value¹¹. Habitat features of greater value are considered below.
- 4.2.10 'Wet woodland' is a priority habitat listed under *Section 7* of the *Environment (Wales) Act 2016*. The Willow carr at *Target Note 3* may conform to this priority habitat type. However, it is a very small, disturbed fragment that amounts to a few semi-mature Willows. It is of no more than local value.
- 4.2.11 The survey site is part of the wider Llandegla Forest resource which includes a range of valued habitat types. It is likely to be of at least county value, mostly for the faunal species it supports.
- 4.2.12 No further survey of the habitat within the survey site is currently considered necessary. The proposed development would result in the permanent loss of the following:
- A small area of semi-mature/ mature conifer plantation;
 - A small area of Bramble scrub/ regenerating tree saplings; and
 - Tall ruderal vegetation.
- 4.2.13 Permanent habitat loss would be limited to areas of built development – the footprint of the pods, pedestrian paths, car park and vehicle access – which is a relatively small area. Further areas of habitat (e.g., the footprint of the attenuation pond) would be modified. Whilst it is the intention to minimise disturbance of the ground/ vegetation beyond the immediate footprint of built features it is considered likely that most of the areas identified as

¹¹ In accordance with CIEEM (2018).

'lodge development zone', 'car park and vehicular areas', 'drainage infrastructure', 'pedestrian and cycle connectivity' and 'service corridor' on the Parameters Plan would be affected during the construction phase. It is also proposed to harvest the trees from the proposed development site prior to construction – trees from those areas identified as Woodland 1 (W1) and T1 to T3 in the AIA. Harvesting operations are likely to cause significant disturbance across much of the area. This area has been the subject of such levels of disturbance in the relatively recent past as it is located within commercial forestry. The loss/ modification of this habitat would not result in any significant impacts. Given the existing ecological value of much of the site this presents a considerable opportunity to achieve net biodiversity gain.

- 4.2.14 Technical Advice Note 5 (Nature Conservation and Planning) (Welsh Assembly Government, 2009) seeks developments to achieve net biodiversity gain. The requirement to secure net benefit for biodiversity was reinforced in a letter issued by the Chief Planner (Welsh Government) to all planning departments in October 2019. The Landscape General Arrangement plan establishes the commitment to provide net benefit for biodiversity through the creation of new areas of habitat. The proposal includes planting of a new area of wet woodland along the watercourse by the western boundary with a new pond to be linked to this watercourse. Both 'wet woodland' and 'ponds' are priority habitats listed on *Section 7 of the Environment (Wales) Act 2016*. The existing small area of wet woodland is to be retained although some disturbance may occur during the creation of the ditch from the attenuation pond. The attenuation pond would also provide habitat that may be of some value for biodiversity though it would be managed for its primary function.
- 4.2.15 The proposal also includes a large area where natural regeneration of native broad-leaved woodland would be promoted. 'Upland oakwood' is a priority habitat and this area could provide such habitat in the medium to long-term. Planting of native trees would be limited to those areas where it would be required for screening purposes. A band of native scrub would be planted along the northern boundary to grade the woodland edge down to the lane. The area around the car park/ vehicle access would be more open with natural regeneration of moorland vegetation promoted. Once established it is likely that these habitats would increase the biodiversity value of the site and therefore have a positive impact.
- 4.2.16 A detailed soft landscaping plan and Ecological Management Plan should be developed for the whole site at the reserved matters stage. A suitably qualified ecologist should be involved with the development of the soft landscaping plan and Ecological Management Plan. These documents would provide a greater level of detail such as the design of the new pond, planting mixes for the various areas of woodland and scrub, management of both planted and retained woodland, *etc.*
- 4.2.17 Further detail should be provided at the reserved matters stage in an Ecological Mitigation Method Statement (EMMS) or similar document which would guide all necessary mitigation/ compensation/ enhancement measures. The EMMS would provide greater detail on proposed measures than is provided here.
- 4.2.18 At this stage some broad mitigation/ compensation measures are recommended that will need to be refined in the EMMS. To offset any perceived impacts the following measures are recommended:
- Best practice measures required during the construction phases should be fully detailed in the EMMS.

- The topsoil/ peat layer from the works footprint (e.g., car park) should be stripped and appropriately handled and stored in accordance with Defra (2009). This should subsequently be replaced as the surface (topsoil) layer on adjacent habitat (e.g., the landform bund by the car park). This should allow the propagules of some plants to re-establish.
- Implementation of all ecological mitigation/ compensation measures should be co-ordinated by a suitably qualified ecologist.
- Site awareness will be engendered during the construction phase through the delivery of an ecology Toolbox Talk by a suitably qualified ecologist. The Toolbox Talk will cover all valued ecological resources and individual responsibilities. This Toolbox Talk would subsequently be included in all site inductions.
- Prior to the commencement of any site works temporary protective fencing should be installed around all retained habitat particularly the wet woodland. This fence would incorporate any required tree protection measures. Tree protection fencing is detailed in the Arboricultural Impact Assessment (Amenity Tree Care 2022). No access should be allowed into these areas during the construction phase.
- Prior to the commencement of any site works the route of the pedestrian/ cycle track to the Visitor Centre and the services corridor should be reviewed by a suitably qualified ecologist. This would allow for minor amendment to the route to avoid any sensitive features/ valued vegetation.
- Construction of the ditch between the attenuation pond and the western watercourse should be supervised by a suitably qualified ecologist. Impacts on the retained wet woodland should be minimised. It is understood that this ditch is unlikely to be wide and the water allowed to spread out beneath the wet woodland.
- Some of the fallen trees including the root-plates should be retained within the site. The root-plates provide a valuable micro-habitat that can be used by various nesting birds, invertebrates and plants.

4.2.19 General best practice measures should be implemented during the construction works to avoid any indirect impacts (e.g., dust, diffuse pollution, etc) on adjacent habitat. The general advice contained in the Guidance for Pollution Prevention (GPP) leaflets produced by SEPA, EA and the Environment and Heritage Service (Northern Ireland) will be adhered to, particularly the following:

- GPP1: Understanding Your Environmental Responsibilities - Good Environmental Practices.
- GPP5: Works and Maintenance in or Near Water.
- PPG6: Working at Construction and Demolition Sites.

4.2.20 Assuming the above measures are implemented, no significant impact is anticipated on valued habitat resources located close to the works area.

Flora

4.2.21 No species of plant listed in categories (above Least Concern) in the most recent Vascular Plant Red Data List for Wales (Dines 2008) or in Williams (2021) were recorded from the survey site.

4.2.22 No plants listed in *Schedule 9 to the Wildlife and Countryside Act 1981* (as amended) were recorded within the survey site.

- 4.2.23 As vehicles and people will be accessing the site both during the construction and operation phases there is a risk that non-native invasive species/ diseases could be introduced. At present this risk is considered to be low but basic biosecurity measures should be implemented throughout any works. Best practice guidance is available on the Natural Resources Wales (NRW) website¹². Biosecurity measures such as boot and bike cleaning facilities should also be provided during the operation phase. Further details should be provided in the EMMS.

Fauna

Badger

- 4.2.24 No setts were recorded within the survey site although a sett could be excavated within the sloping ground that characterises most of the survey site. No evidence of Badger activity was recorded from the survey site. The survey site provides potential foraging habitat of low value.
- 4.2.25 The proposed development would result in the loss of small areas of conifer plantation and scrub some parts of which could be used for foraging. Badgers would still be able to traverse the site following the development should they wish to do so. No particular impacts on Badgers are anticipated.
- 4.2.26 A sett could be excavated subsequent to the completion of this survey. If site clearance/ construction work is not implemented within 12 months of the Extended Phase 1 Habitat Survey the site will be re-surveyed by a suitably qualified ecologist to check for any setts.

Bats

- 4.2.27 The trees within the survey site were not individually assessed for their potential value to roosting bats. However, none are likely to contain any features of potential value for roosting bats. No impacts on roosting bats are currently anticipated.
- 4.2.28 Less dense stands of Sitka Spruce may be particularly important for populations of *Pipistrellus* spp., particularly *Pipistrellus pygmaeus* although are of less importance for some species, e.g., *Myotis* and *Nyctalus* spp. (Kirkpatrick 2016). The habitat within the survey site is moderate to high potential value for foraging/ commuting bats. Most, if not all, of the conifer trees within the survey site are likely to be removed. However, some existing trees/ shrubs will be retained, particularly along the southern and northern boundaries.
- 4.2.29 Many parts of the conifer plantation surrounding the proposed development site have recently been clear-felled. This process is ongoing and as such may have affected patterns of bat foraging/ commuting around/ to the proposed development site. Whilst some species of bat may be affected by the removal of the conifer trees from the proposed development site, and it does provide habitat of moderate/ high potential value, it is considered unlikely that the site is of particular importance for foraging/ commuting bats. Further to felling of the conifer trees from the site species of Pipistrelle would still be able to traverse the site.
- 4.2.30 The proposal includes for the harvesting of the conifer trees identified as Woodland 1 (W1) and T1 to T3 in the AIA. The existing scattered broad-leaved trees along the southern boundary are to be retained. This would maintain some level of linear feature across the site that foraging/ commuting bats might be able to follow. The phasing of the works along with loss of tree cover will need to consider potential impacts on foraging/ commuting bats at the

¹² <https://naturalresources.wales/guidance-and-advice/business-sectors/forestry/tree-health-and-biosecurity/how-to-practise-biosecurity-in-woodlands-keep-it-clean/?lang=en>

reserved matters stage. The detailed soft landscaping plan should try to maintain/ enhance connectivity across the site. In the medium to long-term as the proposed retained/ created habitats become established it is expected that the various areas of broad-leaved woodland and wetlands would be beneficial for foraging/ commuting bats (a positive impact).

- 4.2.31 The introduction of artificial lighting to the survey site has the potential to result in a significant impact on foraging/ commuting bats (as well as other wildlife). There is no Lighting Strategy currently available. However, the Planning Statement provides a commitment to design a sympathetic lighting layout and specifications in accordance with best practice guidance detailed in the following documents:
- Planning for the Dark Night Sky SPG.
 - The Bat Conservation Trust and Institution of Lighting Professionals (2018).
- 4.2.32 Assuming that a sympathetic lighting arrangement is installed, no significant impact on potential foraging/ commuting resources close to the proposed development site is anticipated.
- 4.2.33 Kirkpatrick (2016) recorded a high take-up of bat-boxes installed in a commercial plantation and suggested that this is likely to be due to the lack of other potential roost features. As a possible enhancement three Schwegler 2F-DFP¹³ type boxes and three Vincent Pro Bat Boxes¹⁴ should be installed in appropriate dark locations within the site. These bat-boxes should either be installed by a suitably qualified ecologist or in accordance with their direction.

Otter

- 4.2.34 Otters could travel along the watercourse at *Target Note 4* but the survey site is otherwise not of any potential value. No impacts on this species are anticipated.
- 4.2.35 It is considered sufficient in this instance for site personnel to implement a watching brief throughout the proposed works near the watercourse along the western boundary. This requirement will be detailed in the Toolbox Talk. If an Otter is observed, all works should cease and an ecologist contacted for advice. Works must only proceed when an ecologist confirms permission to do so.

Water Vole

- 4.2.36 The watercourse at *Target Note 4* provides potential habitat of sub-optimal value. No evidence of Water Voles was recorded during the Extended Phase 1 Habitat Survey though a full survey was not undertaken. Cofnod did not provide any records for the 2 km survey area. No impacts on this species are anticipated.
- 4.2.37 It is considered sufficient in this instance for site personnel to implement a watching brief throughout the proposed works near the watercourse along the western boundary. This requirement will be detailed in the Toolbox Talk. If a Water Vole is observed, all works should cease and an ecologist contacted for advice. Works must only proceed when an ecologist confirms permission to do so.

¹³ e.g., <http://www.nhbs.com/2f-schwegler-bat-box-with-double-front-panel>

¹⁴ <https://www.nhbs.com/vincent-pro-bat-box>

Reptiles

- 4.2.38 Some of the habitat within the survey site is of moderate potential value for reptiles. As the site is within a commercial conifer plantation the suitability of the habitat is likely to have changed over time, largely linked with the extent of the conifer canopy and more open conditions. Two individual Grass Snakes were recorded during the presence/ absence survey. Grass Snake home range size is variable and can extend into the tens of hectares (e.g., Sewell *et al.* 2015). It is also a mobile species and can travel over 100 m per day. This species can occupy areas of suitable habitat that become temporarily available within their home range. It is suspected that the proposed development site is not of particular importance for this species but parts of the site may be occupied by individuals on occasion where their home range overlaps with any suitable habitat that becomes available.
- 4.2.39 There is further habitat of potential value for reptiles close to but outside the survey site, both within and outside Llandegla Forest. Much of the adjacent conifer plantation has been the subject of recent clear-fell. As the ground vegetation recovers from these forestry operations this area may become more suitable for reptiles at least in the short to medium-term. Cofnod provided a large number of reptile records from within and around Llandegla Forest, particularly Adder and Common Lizard.
- 4.2.40 The proposed development would result in the loss/ modification of small areas of habitat that are currently used by a small number of Grass Snakes most likely on a transient basis. This would not result in a significant impact on the local population of this species. The Landscape General Arrangement plan proposes the establishment of a framework of broad-leaved woodland across the site with a central open area characterised by heathy vegetation. These habitats are likely to be of greater value for reptiles in the medium-term. The proposal includes the creation of an attenuation pond as well as a separate pond as a biodiversity enhancement. These new wetlands are likely to attract amphibians and may be of benefit for Grass Snakes. The proposed development is likely to have a positive impact in the medium-term.
- 4.2.41 As Grass Snakes are known to utilise the proposed development site, and other species of reptile could possibly access the site from adjacent areas of suitable habitat, it is recommended that Reasonable Avoidance Measures (RAMs) are implemented during initial site clearance works and the construction phase. The RAMs would be fully detailed in the EMMS but would include the following:
- A Toolbox Talk (to raise site awareness) to be presented by a suitably qualified ecologist.
 - Implementation of the RAMs when the preceding and following night-time temperature does not fall below 5°C and the day-time temperature is warm.
 - Phased clearance of vegetation from all work areas under the supervision of the ecologist. This would include the service corridor and pedestrian/ cycle track to the Visitor Centre.
 - Hand-searches by the ecologist of any features that could be used by reptiles.
 - Any reptiles and amphibians found would be moved to a safe location elsewhere within Llandegla Forest.
 - Further to completion of the vegetation clearance/ hand-searches, a watching brief would be maintained by all site personnel. The ecologist would be retained off-site during this period, and would attend site should any further reptiles be found.
- 4.2.42 Assuming the above measures are implemented, no impact is anticipated on reptiles that may use the survey site.

Birds

- 4.2.43 The proposed development would result in the loss of some areas of Bramble scrub with regenerating saplings and conifer plantation. This habitat is used by a small number of priority species some of which are likely to nest within the proposed development site. In the short-term, following removal of the conifer trees, and during the construction phase, some of the existing nesting opportunities for these species would be lost (although some such opportunities may remain within areas of retained habitat). The habitat within the survey site is considered to be of site value for its nesting bird assemblage. Loss of this habitat would not give rise to any significant impacts on the local bird population within the short-term. As previously mentioned, it is expected that in the medium-term, the available habitat would be greatly enhanced for a range of species including nesting birds. The proposed wet woodland, broad-leaved woodland and new wetlands may be of particular value.
- 4.2.44 The proposed development would increase disturbance due to an increased level of human presence. However, with the access road to the north, forestry track to the south and water treatment works to the west, the survey site is already likely to be the subject of such 'edge effects' to some extent. It is likely that bird behaviour including nesting would be permanently affected in close proximity to the proposed forest pods. This impact would be offset by the provision of larger areas of broad-leaved woodland that may increase nesting opportunities in the medium to long-term.
- 4.2.45 It is recommended, as an enhancement, that six nest-boxes are installed around the survey site. These nest-boxes should be as follows: two Vivara Pro Seville 32 mm nest-boxes¹⁵, two Vivara Pro Seville 28 mm nest-boxes¹⁶ and two Vivara Pro Barcelona Woodstone Open nest-boxes¹⁷.
- 4.2.46 These nest-boxes should be sited out of reach (though accessible for maintenance), 3 m or more off the ground. The nest-boxes should be located somewhere between (facing) north through east to southeast; avoiding prevailing winds and direct sunlight where possible. A suitably qualified ecologist should be consulted regarding appropriate locations for these nest-boxes and/ or install them. Once installed these nest-boxes should be subject to annual maintenance.
- 4.2.47 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).
- 4.2.48 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.*, clearance of trees/ shrubs/ vegetation) outside the nesting period (March to August inclusive). Should any occupied nests be found during the construction phase, 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.

¹⁵ <https://www.nhbs.com/vivara-pro-seville-32mm-woodstone-nest-box>

¹⁶ <https://www.nhbs.com/vivara-pro-seville-28mm-woodstone-nest-box>

¹⁷ https://www.nhbs.com/vivara-pro-barcelona-woodstone-open-nest-box?bkfno=234962&ca_id=1495&adlocale=uk&gclid=EAlaIQobChMlo-mLy07N9glV5GDmCh0nkwYhEAQYAyABEgKE-PD_BwE

- 4.2.49 If it is not possible to clear vegetation/ fell/ prune trees 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

- 4.2.50 It is possible that Hedgehogs could use the survey site. The ecologist will also search for this species during the implementation of the reptile RAMs.
- 4.2.51 Any Hedgehog that may be found (when not hibernating) would be moved to a similar, safe location elsewhere within Llandegla Forest. Ideally, this work should not be undertaken within the hibernation period (October/ November to March/ April). However, if it is necessary to undertake the work at this time periods of cold weather should be avoided. Should a hibernating Hedgehog be found, it should be covered back up and left where it is until the end of the hibernation period.
- 4.2.52 The proposed development is likely to reduce the suitability of the site for species that exploit conifer plantations but increase its value for species associated with various types of native broad-leaved woodland and ponds. No significant impact on any other species of conservation interest is currently anticipated.

5 TARGET NOTES

Target Note 1. An area of open habitat characterised by a tall ruderal mosaic, approximately a third of which is dominated by *Pteridium aquilinum* (Bracken) with the remainder dominated by *Chamerion angustifolium* (Rosebay Willowherb) with frequent *Holcus lanatus* (Yorkshire-fog), locally frequent *Rubus fruticosus* agg. (Bramble), *Urtica dioica* (Common Nettle), *Galium aparine* (Cleavers), occasional *Rubus idaeus* (Raspberry), *Heracleum sphondylium* (Hogweed) and *Deschampsia cespitosa* (Tufted Hair-grass). Young trees of *Sorbus aucuparia* (Rowan), *Betula pubescens* (Downy Birch) and *Salix caprea* (Goat Willow) (the latter close to the ditch) are scattered throughout. This area has been subject to past disturbance.

Target Note 2. An area of semi-mature/ mature *Picea sitchensis* (Sitka Spruce) plantation. Most of the trees have an approximate diameter at breast height (dbh) of 0.3-0.7 m. It is relatively open as there has been some past thinning undertaken and a number of trees have been the subject of wind-blow. Historic forestry furrows are evident throughout. The ground layer is variable, in places it is dominated by *Rubus fruticosus* agg. (Bramble). Where the canopy is closed the ground is often bare or is characterised by various ferns and mosses (e.g., *Polytrichum commune*, *Hylocomium splendens*, *Plagiomnium undulatum*, *Kindbergia praelonga*, *Hypnum jutlandicum*, *Sphagnum* spp.), with occasional to locally frequent *Oxalis acetosella* (Wood-sorrel), occasional *Vaccinium myrtillus* (Bilberry), *Deschampsia flexuosa* (Wavy Hair-grass), *Galium saxatile* (Heath Bedstraw) and *Calluna vulgaris* (Heather). In wetter areas there is locally frequent *Deschampsia cespitosa* (Tufted Hair-grass), *Agrostis stolonifera* (Creeping Bent), *Sphagnum* spp. and *Juncus effusus* (Soft-rush).

Target Note 3. A small area of open habitat with a very small stand of *Salix cinerea* (Grey Willow)-dominated carr. The ground layer beneath the carr is dominated by *Deschampsia cespitosa* (Tufted Hair-grass) with occasional *Galium palustre* (Common Marsh-bedstraw) and *Dryopteris dilatata* (Broad Buckler-fern). The carr is aligned along a shallow ditch that supports frequent *Juncus effusus* (Soft-rush), locally frequent *Juncus articulatus* (Jointed Rush) and small amounts of *Stellaria alsine* (Bog Stitchwort) and *Lotus pedunculatus* (Greater Bird's-foot-trefoil). The ditch is approximately 0.7 m wide with water to a depth of 0.02-0.05 m deep with a slow flow. The carr is located adjacent to a patch of dense *Rubus fruticosus* agg. (Bramble)-dominated scrub by the watercourse at **Target Note 4** and a small area of semi-improved acid grassland. The acid grassland is dominated by *Agrostis capillaris* (Common Bent) with locally frequent *Deschampsia cespitosa* (Tufted Hair-grass), occasional *Vaccinium myrtillus* (Bilberry), *Calluna vulgaris* (Heather) and *Galium saxatile* (Heath Bedstraw).

Target Note 4. A minor watercourse/ drainage ditch that flows approximately southwest to north. At the downstream end (northernmost 20 m) it is approximately 0.8 m wide and 0.05 m deep with a moderate flow over silt/ peat. The banks extend to approximately 0.5 m above the water level and have a slope of between 15-30°. No aquatic vegetation is visible. The banks are dominated by *Rubus fruticosus* agg. (Bramble) extending across the channel with locally frequent *Juncus effusus* (Soft-rush) and *Myosotis* sp. Further upstream the channel is approximately 0.3-0.5 m wide with banks that are almost vertical and extend to approximately 1 m above the water level. It has a fast flow over silt/ gravel. No aquatic or marginal vegetation is visible. The banks are overhung by abundant *Deschampsia cespitosa* (Tufted Hair-grass) with frequent *Rubus fruticosus* agg. (Bramble) and various ferns.

Target Note 5. An open area within the plantation that is dominated by dense *Rubus fruticosus* agg. (Bramble) scrub with locally frequent *Juncus effusus* (Soft-rush) and *Dryopteris dilatata* (Broad Buckler-fern), and smaller areas that are dominated by tree saplings (including Rowan, Larch, Goat Willow, Downy Birch and Sitka Spruce). There are also some small stands dominated by *Chamerion angustifolium* (Rosebay Willowherb). It is deeply rutted throughout and includes old vehicle tracks.

Target Note 6. A dry ditch that is approximately 0.7 m wide and up to 1 m deep, towards the western end it is less than half that.

Target Note 7. A ditch that held a small amount of water in places at the time of the survey but based on the vegetation present is likely to be dry most of the time. It is approximately 1.5 m wide in the

base and at least 3-4 m wide between the bank-tops. The down-hill bank extends to approximately 1.5-2 m above the base; the up-hill side rises with the slope. The banks generally have a slope of 30-50°. Towards the northeast end a small amount of *Juncus effusus* (Soft-rush), *Juncus acutiflorus* (Sharp-flowered Rush), *Juncus bulbosus* (Bulbous Rush), *Deschampsia cespitosa* (Tufted Hair-grass) and *Agrostis stolonifera* (Creeping Bent) was recorded.

Target Note 7a. A dammed section of ditch that has created a small, temporary waterbody that measures approximately 2.5 m wide, 6-7 m long and up to 0.25 m deep. No marginal or aquatic vegetation is visible.

Target Note 8. A bank/ verge to approximately 5 m wide on a steep slope (50°) between the plantation and the Visitor Centre access track. It supports abundant *Pteridium aquilinum* (Bracken), frequent *Vaccinium myrtillus* (Bilberry), locally frequent *Erica cinerea* (Bell Heather) and occasional *Calluna vulgaris* (Heather). The bank also supports scattered young trees/ shrubs - *Sorbus aucuparia* (Rowan), *Picea sitchensis* (Sitka Spruce) and *Ulex europaeus* (Gorse).

Target Note 9. A steep slope up to a forestry track with scattered semi-mature/ mature *Sorbus aucuparia* (Rowan) with locally abundant *Rubus fruticosus* agg. (Bramble).

Target Note 10. A pile of large rocks and brash.

Target Note 11. An area of recent clear-fell on a steep slope outside the survey site.

Target Note 12. A small open area on a steep slope amongst the plantation. It supports abundant *Vaccinium myrtillus* (Bilberry), frequent *Vaccinium vitis-idaea* (Cowberry), locally frequent *Pteridium aquilinum* (Bracken), occasional *Erica cinerea* (Bell Heather) and *Calluna vulgaris* (Heather). There are scattered young *Sorbus aucuparia* (Rowan) trees.

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7 DATA**Table 3 – Vascular plant species recorded within the survey site**

Plant Species	
	<i>Ficaria verna</i> (Lesser Celandine)
<i>Betula pendula</i> (Silver Birch)	<i>Fragaria vesca</i> (Wild Strawberry)
<i>Betula pubescens</i> (Downy Birch)	<i>Galium aparine</i> (Cleavers)
<i>Corylus avellana</i> (Hazel)	<i>Galium palustre</i> (Common Marsh-bedstraw)
<i>Fraxinus excelsior</i> (Ash)	<i>Galium saxatile</i> (Heath Bedstraw)
<i>Ilex aquifolium</i> (Holly)	<i>Geranium lucidum</i> (Shining Crane's-bill)
<i>Larix</i> sp. (Larch)	<i>Geranium robertianum</i> (Herb-robert)
<i>Picea sitchensis</i> (Sitka Spruce)	<i>Glyceria fluitans</i> (Floating Sweet-grass)
<i>Pinus sylvestris</i> (Scot's Pine)	<i>Heracleum sphondylium</i> (Hogweed)
<i>Salix caprea</i> (Goat Willow)	<i>Holcus lanatus</i> (Yorkshire-fog)
<i>Salix cinerea</i> (Grey Willow)	<i>Hypericum pulchrum</i> (Slender St. John's-wort)
<i>Sorbus aucuparia</i> (Rowan)	<i>Iris pseudacorus</i> (Yellow Iris)
<i>Tsuga heterophylla</i> (Western Hemlock)	<i>Juncus acutiflorus</i> (Sharp-flowered Rush)
<i>Ulex europaeus</i> (Gorse)	<i>Juncus articulatus</i> (Jointed Rush)
	<i>Juncus bulbosus</i> (Bulbous Rush)
<i>Aegopodium podagraria</i> (Ground-elder)	<i>Juncus conglomeratus</i> (Compact Rush)
<i>Agrostis capillaris</i> (Common Bent)	<i>Juncus effusus</i> (Soft-rush)
<i>Agrostis stolonifera</i> (Creeping Bent)	<i>Lapsana communis</i> (Nipplewort)
<i>Alliaria petiolata</i> (Garlic Mustard)	<i>Lathyrus pratensis</i> (Meadow Vetchling)
<i>Aquilegia vulgaris</i> (Columbine)	<i>Lotus pedunculatus</i> (Greater Bird's-foot-trefoil)
<i>Angelica sylvestris</i> (Wild Angelica)	<i>Luzula multiflora</i> (Heath Woodrush)
<i>Anthoxanthum odoratum</i> (Sweet Vernal-grass)	<i>Luzula pilosa</i> (Hairy Wood-rush)
<i>Anthriscus sylvestris</i> (Cow Parsley)	<i>Myosotis</i> sp.
<i>Athyrium filix-femina</i> (Lady-fern)	<i>Neottia ovata</i> (Common Twayblade)
<i>Blechnum spicant</i> (Hard Fern)	<i>Oxalis acetosella</i> (Wood-sorrel)
<i>Calluna vulgaris</i> (Heather)	<i>Phyllitis scolopendrium</i> (Hart's-tongue)
<i>Cardamine flexuosa</i> (Wavy Bittercress)	<i>Plantago major</i> (Greater Plantain)
<i>Cardamine pratensis</i> (Cuckooflower)	<i>Potentilla erecta</i> (Tormentil)
<i>Carex binervis</i> (Green-ribbed Sedge)	<i>Prunella vulgaris</i> (Selfheal)
<i>Carex muricata</i> (Prickly Sedge)	<i>Pteridium aquilinum</i> (Bracken)
<i>Carex pilulifera</i> (Pill Sedge)	<i>Ranunculus acris</i> (Meadow Buttercup)
<i>Centaurea nigra</i> (Common Knapweed)	<i>Ranunculus repens</i> (Creeping Buttercup)
<i>Chamerion angustifolium</i> (Rosebay Willowherb)	<i>Rubus fruticosus</i> agg. (Bramble)
<i>Cirsium arvense</i> (Creeping Thistle)	<i>Rubus idaeus</i> (Raspberry)
<i>Cirsium palustre</i> (Marsh Thistle)	<i>Rumex acetosa</i> (Common Sorrel)

<i>Cirsium vulgare</i> (Spear Thistle)	<i>Rumex obtusifolius</i> (Broad-leaved Dock)
<i>Cruciata laevipes</i> (Crosswort)	<i>Senecio jacobaea</i> (Common Ragwort)
<i>Dactylis glomerata</i> (Cock's-foot)	<i>Silene dioica</i> (Red Campion)
<i>Deschampsia cespitosa</i> (Tufted Hair-grass)	<i>Stellaria alsine</i> (Bog Stitchwort)
<i>Deschampsia flexuosa</i> (Wavy Hair-grass)	<i>Stellaria holostea</i> (Greater Stitchwort)
<i>Digitalis purpurea</i> (Foxglove)	<i>Taraxacum</i> sect. <i>Ruderalia</i> (Common Dandelion)
<i>Dryopteris dilatata</i> (Broad Buckler-fern)	<i>Trifolium repens</i> (White Clover)
<i>Dryopteris filix-mas</i> (Male-fern)	<i>Tussilago farfara</i> (Colt's-foot)
<i>Epilobium hirsutum</i> (Great Willowherb)	<i>Urtica dioica</i> (Common Nettle)
<i>Equisetum</i> sp.	<i>Vaccinium myrtillus</i> (Bilberry)
<i>Erica cinerea</i> (Bell Heather)	<i>Veronica chamaedrys</i> (Germander Speedwell)
<i>Eriophorum vaginatum</i> (Hare's-tail Cottongrass)	<i>Vicia sativa</i> (Common Vetch)
<i>Festuca rubra</i> (Red Fescue)	<i>Vicia sepium</i> (Bush Vetch)

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 Otter

8.4.1 The Otter is 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 *Countryside and Rights of Way Act 2000* (the *CRoW Act*) which further extends the protection. It is also listed on *Schedule 2* of *The Conservation of Habitats and Species Regulations 2017* which

gives it full protection under *Regulation 42(1)*. The Otter is a so-called European Protected Species.

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 Otter is included on *Section 7* of the *Environment Act 2016*.

8.5 Water Vole

8.5.1 The Water Vole (*Arvicola amphibius*) is protected under *Section 9* of *Schedule 5* of the *Wildlife and Countryside Act 1981* (as amended). This protection was extended by the *CRoW Act 2000*. Under the above legislation it is an offence to:

- intentionally or recklessly damage, destroy or obstruct access to any structure or place that Water Voles use for shelter or protection;
- intentionally or recklessly disturb a Water Vole while it is using such a place;
- intentionally kill, injure or take any wild Water Vole;
- possess or control any live or dead wild Water Vole or any part of, or anything derived from, such an animal;
- sell, offer or expose for sale, or have in his possession or transports for the purpose of sale, any live or dead water vole, or any part of, or anything derived from, such an animal; or
- publish or cause to be published any advertisement likely to be understood as conveying that he buys or sells, or intends to buy or sell, any of those things.

8.5.2 The Water Vole is included on *Section 7* of the *Environment Act 2016*.

8.6 Great Crested Newt

8.6.1 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.

8.6.2 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.

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

8.7 Reptiles

8.7.1 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*.

8.7.2 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.

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

8.8 Birds

8.8.1 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*.

8.8.2 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.

8.8.3 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.

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

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

Cofnod Environmental Information Search (PUBLIC VERSION)

Our Reference	CO/E09796
Your Reference	C483/EBDS
Requested By	Tom Knight, Marches Ecology LLP
Data Users	Tom Knight, Marches Ecology.; Max Ellson, Marches Ecology.; Jim Gaffney, Director, One Planet Adventure.; Chris Peacock, Director, Pea Green Environmental Planning.
Search Date	09/03/2022 14:49
Expiry Date	09/09/2022 (may be extended on request)
Search Type	Chargeable

Important Information

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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 Vascular Plant Red Data List, not identified in Category 1
- **Category 3 Species:** LBAP 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, **CHS4** - The Conservation of Habitats and Species Regulations 2010, Schedule 4 - Animals which may not be captured or killed in certain ways, **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, **LBAP-A** - Anglesey Local Biodiversity Action Plan, **LBAP-C** - Conwy Local Biodiversity Action Plan, **LBAP-D** - Denbighshire Local Biodiversity Action Plan, **LBAP-F** - Flintshire Local Biodiversity Action Plan, **LBAP-G** - Gwynedd Local Biodiversity Action Plan, **LBAP-S** - Snowdonia National Park Authority Local Biodiversity Action Plan, **LBAP-T** - North and Mid Wales Trunk Road Agent Biodiversity Action

Plan, **LBAP-W** - Wrexham Local Biodiversity Action Plan, **LI-50** - Locally Important Species in Vice-County 50: Denbighshire, **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-NB** - Red Data Book listing (not based on IUCN guidelines) - Notable B, **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

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.
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
D0026/054/01	Records captured from CCW regional files - CCW File SJ24.1 - SSSI: Ruabon/Llantysilio Mountains And Minera - Scientific Information - Bats
D0026/055/01	Records captured from CCW regional files - CCW File SJ24.1 - SSSI: Ruabon/Llantysilio Mountains And Minera - General
D0026/279/01	Records captured from CCW regional files - CCW File M1.1.4.2 - North Wales - Amphibian Survey and Monitoring
D0035/002/01	Vice-County dataset - Reptile records from Denbighshire and Flintshire Vice-counties (50 and 51)
D0036/001/04	Raptor, owl, raven and chough breeding records from North East Wales
D0059/001/03	North Wales badger records held by Clwyd Badger Group (including some historic data) - CBG Historic sett data
D0062/008/01	Vice-County dataset - Bird records from Flintshire and Denbighshire Vice-counties (50 and 51) - All records up to 2018
D0062/010/01	Vice-County dataset - Bird records from Flintshire and Denbighshire Vice-counties (50 and 51) - 2019 records
D0098/001/02	Bat records held by Clwyd Bat Group - Hibernation records to Winter 2016
D0098/002/01	Bat records held by Clwyd Bat Group - Hibernation records Winter 2016-17
D0098/003/01	Bat records held by Clwyd Bat Group - Hibernation records Winter 2017-2018
D0098/004/01	Bat records held by Clwyd Bat Group - Hibernation records Winter 2018-2019
D0098/005/01	Bat records held by Clwyd Bat Group - Hibernation records Winter 2019-2020
D0101/001/01	Historic Vice-County dataset - Vascular plant records from Flintshire Vice-county (50) digitised by Cofnod - Species summary cards
D0112/001/01	Historic Vice-County dataset - Mammal records from Denbighshire Vice-county (50) - Records from 1999 - 2006
D0127/001/02	Historic Vice-County dataset - Butterfly records from Denbighshire and Flintshire Vice-counties (50 and 51)
D0132/001/02	Green Shoots North Wales records
D0135/001/05	Miscellaneous species records by Andrew and Janet Graham - Invertebrate records
D0135/003/02	Miscellaneous species records by Andrew and Janet Graham - Fungi records
D0135/015/01	Miscellaneous species records by Andrew and Janet Graham - Fungus records received 10/02/2020
D0135/016/01	Miscellaneous species records by Andrew and Janet Graham - Rust records received 10/02/2020
D0135/018/01	Miscellaneous species records by Andrew and Janet Graham - Mammal & Herptile records received 10/02/2020
D0135/020/01	Miscellaneous species records by Andrew and Janet Graham - Additional Invertebrate Records received 02/09/2020
D0135/021/01	Miscellaneous species records by Andrew and Janet Graham - Miscellaneous mainly 2020 records
D0137/001/01	Great Crested Newt (Triturus cristatus) Sites in Wales

D0145/001/08	Vice-County dataset - Arachnid records from North Wales (and some additional invertebrate data)
D0158/003/01	Miscellaneous species records held by North Wales Wildlife Trust in a BIORECS recording database. - Full database
D0216/001/03	Miscellaneous species records held by Denbighshire County Council
D0217/001/04	Welsh Invertebrate Database (WID) - Records from within the Cofnod boundary
D0229/002/01	Wrexham Wildlife Sites data - Database
D0820/001/02	Phase 2 Lowland Grassland Survey of Wales - Site records held digitally on the 'Grasslands' copy of Recorder 2002 database (Clwyd).
D0821/001/01	Rare Flowering Plant and Fern Data/Rare Plants Database
D0967/006/01	Miscellaneous species records by John Lawton Roberts (and a small number of third party records submitted to him). - Butterfly and bee records, 2012 - 2014
D0967/009/01	Miscellaneous species records by John Lawton Roberts (and a small number of third party records submitted to him). - Mammal & Herptile records 2015
D0967/014/01	Miscellaneous species records by John Lawton Roberts (and a small number of third party records submitted to him). - Mammal and Herptile records 2017
D0967/015/01	Miscellaneous species records by John Lawton Roberts (and a small number of third party records submitted to him). - Butterfly and bee records 2018
D0967/019/01	Miscellaneous species records by John Lawton Roberts (and a small number of third party records submitted to him). - 2019 records
D0969/001/05	Miscellaneous species records submitted to rECOrd
D0995/001/01	Miscellaneous mammal records by Les Starling
D1072/001/02	Mammal records from Britain from the Atlas of Mammals (1993), with some subsequent records
D1075/001/06	Bryophyte data for Great Britain from the British Bryological Society held by BRC: Atlas 2014 - North Wales data
D1076/001/02	Reptiles and Amphibians Dataset
D1081/001/03	Caddisfly (Trichoptera) records from Britain' held by UK Trichoptera (Caddisfly) Recording Scheme
D1117/001/01	ad hoc Cofnod Online Recording System records
D1118/006/01	Miscellaneous species datasets held in MapInfo format by Matthew Ellis - Otter records
D1122/001/01	ANON - HERPETOFAUNA CONSULTANTS INTERNATIONAL, 1992: "Crested Newt Survey of North-East Clwyd. A report to the Countryside Council for Wales (September 1992)". - Great Crested Newt data
D1122/002/01	ANON - HERPETOFAUNA CONSULTANTS INTERNATIONAL, 1992: "Crested Newt Survey of North-East Clwyd. A report to the Countryside Council for Wales (September 1992)". - Non Great Crested Newt data
D1153/001/02	MORGAN, P., 2004: "Current and potential distribution, condition and breeding success of the Otter (Lutra lutra) in the River Dee catchment. CCW research and monitoring project (Contract no: FC 72-02-56)". Unpublished report - Excel data
D1169/004/02	Vice-County dataset - Vascular plant records from Denbighshire Vice-county (50). - Complete dataset
D1239/012/01	Miscellaneous species records captured from paper forms containing results of surveys on potential N E Wales Wildlife Sites. - SJ25 Wrexham Maelor
D1274/001/01	Vice-County dataset - Vascular plant records from Flintshire Vice-county (51).

D1275/003/01	Records of spiders and their allies by Bryan Formstone - 2017 to 2018 records
D1285/001/03	Vice-County dataset - Moth records from Denbighshire and Flintshire Vice-counties (50 and 51)
D1295/001/04	Dragonfly records from the British Dragonfly Society Recording Scheme - Records from the Cofnod area
D1297/020/01	BirdTrack records - 2015 records from within the Cofnod boundary
D1297/021/01	BirdTrack records - 2016 records from within the Cofnod boundary
D1297/025/01	BirdTrack records - 2004-2018 data from Vice-Counties 50 & 51 (Denbighshire & Flintshire)
D1297/026/01	BirdTrack records - 2019 data from Vice-County 50 (Denbighshire)
D1297/027/01	BirdTrack records - 2019 data from Vice-County 51 (Flintshire)
D1297/039/01	BirdTrack records - 2020 records for Vice-County 50 (Denbighshire)
D1297/040/01	BirdTrack records - 2020 records for Vice-County 51 (Flintshire)
D1297/041/01	BirdTrack records - 1900-2003 records for Vice-County 51 Flintshire
D1297/042/01	BirdTrack records - 1900-2003 records for Vice-County 50 Denbighshire
D1308/001/01	Flintshire (VC51) County Rare Plant Register - WYNNE, G. et al, 2008: "The Rare Plants of Flintshire". Unpublished report, compiled by Goronwy Wynne, Joe Phillips and Delyth Williams. BSBI.
D1320/014/01	Records collected as part of Great Crested Newt monitoring coordinated by Natural Resources Wales - Data entered onto Cofnod ORS
D1330/001/01	Invasive Non Native Species records, submitted to Cofnod as part of the N. Wales and Dee Invasive Non Native Species Forum 'Record An Alien' project
D1331/002/01	Miscellaneous species records submitted by staff of Natural Resources Wales
D1373/001/05	Historic Vice-County dataset - Butterfly records from Denbighshire and Flintshire Vice-counties (50 and 51)
D1383/001/01	Hedgehog records submitted to Cofnod via their Online Recording System
D1400/001/01	Miscellaneous species records by Brian Burnett
D1419/002/01	Miscellaneous species records collected by Lizzy Webster. - Records from 2011
D1442/002/01	Black grouse surveys (RSPB/CCW/DefraRDS/EN/FCS/GCT/JNCC/SNH) - 1995-96 data from within the Cofnod area
D1447/001/01	Miscellaneous Black Poplar records entered directly onto Cofnod's database
D1448/001/01	Black Grouse records gathered as part of the annual Black Grouse monitoring programme for Wales (not including SCARABS surveys). - Black grouse records
D1448/002/01	Black Grouse records gathered as part of the annual Black Grouse monitoring programme for Wales (not including SCARABS surveys). - Other species records
D1480/001/01	Wales Online Amphibian & Reptile Atlas Ad-hoc Records
D1505/001/03	Amphibian and Reptile records held in 'Record Pool' - Records for Wales
D1509/002/01	Ringing records held by Ian Spence - 1987 - 2016

D1543/002/01	Miscellaneous bat records collected by Sam Dyer - Trapping data from woodland and swarming surveys
D1544/001/01	Data collected as part of Vincent Wildlife Trust national polecat distribution survey 2014 & 2015 - Records from Wales entered using Cofnod ORS
D1544/002/01	Data collected as part of Vincent Wildlife Trust national polecat distribution survey 2014 & 2015 - N. Wales records not submitted through Cofnod ORS
D1546/001/01	Miscellaneous records submitted through the Llên Natur website - Records submitted to Cofnod up until end 2013
D1558/001/01	Otter Survey of Wales, 2009-2010
D1587/004/01	Plant records collected and collated by Jonathan Shanklin from VC51 (Flintshire) - Records from October 2015
D1587/009/01	Plant records collected and collated by Jonathan Shanklin from VC51 (Flintshire) - Records from July and August 2016
D1587/026/01	Plant records collected and collated by Jonathan Shanklin from VC51 (Flintshire) - November 2018
D1650/001/02	Miscellaneous invertebrate species records by Bryan Formstone and others - Aculeata records from Vice-counties 50 and 51
D1650/002/01	Miscellaneous invertebrate species records by Bryan Formstone and others - Coleoptera records
D1666/001/01	Records captured from Licence Returns submitted to Natural Resources Wales - Mammal records captured during 2016 from survey licence return forms
D1681/001/03	National Bat Monitoring Programme Hibernation Survey - Records from the Cofnod area
D1688/004/01	Big Hedgehog Map records - Records from 2010 to January 2020
D1737/003/01	Amphibian and Reptile records held by ARC Trust - Data from the Cofnod area
D1748/001/01	Miscellaneous species records collected by Tom Knight (personal records)
D1814/001/01	Records of Curlew and Lapwing collected as part of the Curlew Cymru Project
D1818/002/01	Additional Weevil records held by Weevil and Bark Beetle Recording Scheme - Data received April 2020
D1823/001/01	Species records collected as part of a Bioblitz at Minera Quarry NWWT Reserve, 2nd June 2018
D1823/002/01	Species records collected as part of a Bioblitz at Minera Quarry NWWT Reserve, 2nd June 2018 - Records from Geoff Radford
D1823/003/01	Species records collected as part of a Bioblitz at Minera Quarry NWWT Reserve, 2nd June 2018 - Records from Ian Wallace
D1844/001/03	iRecord data for the Cofnod area - Verified data
D1852/001/01	RSPB Big Garden Birdwatch winter sightings in the UK in 2008 - 2008 records
D1852/002/01	RSPB Big Garden Birdwatch winter sightings in the UK in 2008 - 2009 records
D1858/001/02	Butterfly records collected and collated by Andrew Graham for VCs 50 and 51 - Records to 2019 inclusive
D1858/003/01	Butterfly records collected and collated by Andrew Graham for VCs 50 and 51 - 2020 records
D1923/001/01	Natural Resources Wales (NRW) Licence Return Dataset
D1924/001/01	UK Butterfly Monitoring Scheme (UKBMS) data from North Wales
D1958/001/01	Vice-County dataset - Butterfly records from Denbighshire and Flintshire Vice-counties (50 and 51) - Records entered through the Cofnod ORS
D1986/001/01	Non-avian taxa (BTO/JNCC/RSPB partnership)

D1991/001/01	Moth records collected by Andrew Graham from VC's 50 and 51
D2012/002/01	Vice-County dataset - Bird records from Flintshire and Denbighshire Vice-counties (50 and 51) - Ringing data - 2019 and earlier records

Contact Us

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Search Location	Grid Reference
Llandegla Forest	SJ2378552316

Category 1 Species										
Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Acanthis cabaret</i> (Lesser Redpoll)	SJ2252	3 records, between 21/03/2008 and 07/12/2008	Dermot J Smith	1; 65	Reported to recorder	Llandegla, Moel Garegog, E	Survey: Observer data; Birdtrack. Activity: H	D0062/008/01 , D1297/025/01	BAP, LBAP-C, LBAP-D, S7, UKBR, WBR	NA, PC
<i>Acanthis cabaret</i> (Lesser Redpoll)	SJ2351	23 records, between 01/04/2005 and 22/03/2020	Julie Rogers; Kevin J Smith; Julie Chicken; JA Jackson; Stephen Mcavoy; Steven Davies; Shelagh A Halsey; David Keeling; Trevor B Taylor; Mr T Taylor; Dr Anne Brenchley; Mr Steven Davies	1; 2; 3; 5; 7; 10; 30+; 11; 15; 10+	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; In 'huge flock' of Siskins. Survey: Observer data; Birdtrack. Activity: S; Birdtrack. Activity: H; BirdTrack; BirdTrack. Activity: H; Bird Track; Breeding status: S	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	BAP, LBAP-C, LBAP-D, S7, UKBR, WBR	NA, PC, UA
<i>Acanthis cabaret</i> (Lesser Redpoll)	SJ2251	12 records, between 03/04/2005 and 21/06/2017	Julie Chicken; Kevin J Smith; Norma Williams	6; 20+	Reported to recorder	Llandegla Forest	Survey: Observer data; Lesser Redpoll. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	BAP, LBAP-C, LBAP-D, S7, UKBR, WBR	NA, PC
<i>Acanthis cabaret</i> (Lesser Redpoll)	SJ2453	22 records, between 28/08/2004 and 14/06/2020	Steven Davies; Mr Steven Davies	35; 2; 1; 3; 5+; 30+; 4	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; Birdtrack.. Activity: P; Birdtrack.. Activity: F; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/039/01 , D1297/040/01	BAP, LBAP-C, LBAP-D, S7, UKBR, WBR	NA, PC, UA
<i>Acanthis cabaret</i> (Lesser Redpoll)	SJ2350	09/04/2011	Robin Sandham	60	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data	D0062/008/01	BAP, LBAP-C, LBAP-D, S7, UKBR, WBR	NA
<i>Acanthis cabaret</i> (Lesser Redpoll)	SJ2152	2 records, between 10/04/2010 and 12/07/2012	Tim Ross; Steven Davies	1	Reported to recorder	Moel Garegog	Activity: F. Survey: Observer data; BirdTrack. Activity: H	D0062/008/01 , D1297/025/01	BAP, LBAP-C, LBAP-D, S7, UKBR, WBR	NA, PC
<i>Acanthis cabaret</i> (Lesser Redpoll)	SJ2250	2 records, between 16/06/2010 and 28/04/2013	Neil Hughes; Louise Bailey	1	Reported to recorder	Llandegla Forest, S	Roving. Activity: H. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	BAP, LBAP-C, LBAP-D, S7, UKBR, WBR	NA, PC
<i>Acanthis cabaret</i> (Lesser Redpoll)	SJ2553	29/06/2011	Steven Davies			Bwlchgywn, W	BirdTrack	D1297/025/01	BAP, LBAP-C, LBAP-D, S7, UKBR, WBR	PC
<i>Acanthis cabaret</i> (Lesser Redpoll)	SJ2352	27/07/2011	Steven Davies			Llandegla Forest, NE	BirdTrack	D1297/025/01	BAP, LBAP-C, LBAP-D, S7, UKBR, WBR	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Acanthis cabaret</i> (Lesser Redpoll)	SJ2353	28/05/2012	Steven Davies	1		Llandegla, Moor, NE	BirdTrack. Activity: H	D1297/025/01	BAP, LBAP-C, LBAP-D, S7, UKBR, WBR	PC
<i>Acanthis cabaret</i> (Lesser Redpoll)	SJ2451	4 records, between 12/04/2015 and 23/04/2019	Barrie J Roberts; Neil Hughes; Steven Davies; Mr James Hughes	1; 2		Gwynfryn, SW	Bird Track; BirdTrack	D1297/025/01 , D1297/026/01	BAP, LBAP-C, LBAP-D, S7, UKBR, WBR	PC
<i>Acanthis cabaret</i> (Lesser Redpoll)	SJ2454	2 records, between 25/06/2009 and 19/05/2011	Steven Davies			Rhydtalog, E	Birdtrack. Activity: H; BirdTrack	D1297/025/01	BAP, LBAP-C, LBAP-D, S7, UKBR, WBR	PC
<i>Acanthis cabaret</i> (Lesser Redpoll)	SJ2551	3 records, between 26/06/2012 and 22/05/2019	Steven Davies; Justin B Williams; Mr James Hughes	1; 50+; 2		Ruabon Mountain, Esclusham Mountain, N	BirdTrack. Activity: H	D1297/025/01 , D1297/026/01	BAP, LBAP-C, LBAP-D, S7, UKBR, WBR	PC
<i>Acanthis cabaret</i> (Lesser Redpoll)	SJ2450	13/03/2016	T Bowyer	20+		Ruabon Mountain, Esclusham Mountain, W	Birdtrack. large flock seen flying from felled conifer area. Confirmed as redpoll by birdwatchers present who were looking for the great grey shrike.	D1297/025/01	BAP, LBAP-C, LBAP-D, S7, UKBR, WBR	PC
<i>Acanthis cabaret</i> (Lesser Redpoll)	SJ2550	30/03/2019	Mr Michael Wakeman	1		World's End	One over calling	D1297/026/01	BAP, LBAP-C, LBAP-D, S7, UKBR, WBR	PC
<i>Acanthis cabaret</i> (Lesser Redpoll)	SJ2552 (Approximate)	01/06/1991	Dr David Emley			Minera		D1297/042/01	BAP, LBAP-C, LBAP-D, S7, UKBR, WBR	UA
<i>Accipiter gentilis</i> (Goshawk / Gwalch Marthin)	SJ25 (Selected from Interactive Map)	3 records, between 19/03/2006 and 10/09/2014	Paul Martin; Julie Chicken; Anthony John Roberts	2 Juvenile; 1	Reported to recorder	-Withheld-	-Withheld-	D1117/001/01 , D0062/008/01 , D1297/025/01	Bonn2, CITES-A, GBNNSIP, LBAP-C, RL-NT, WCA1.1	PC, NA
<i>Accipiter gentilis</i> (Goshawk / Gwalch Marthin)	SJ25	04/05/2012	Julie Chicken	1	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01	Bonn2, CITES-A, GBNNSIP, LBAP-C, RL-NT, WCA1.1	NA
<i>Accipiter gentilis</i> (Goshawk / Gwalch Marthin)	SJ25	28/03/2004	John Lawton Roberts	1 Male	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01	Bonn2, CITES-A, GBNNSIP, LBAP-C, RL-NT, WCA1.1	NA
<i>Accipiter gentilis</i> (Goshawk / Gwalch Marthin)	SJ25	18/11/2018	Thibaut Mathieu	1		-Withheld-	-Withheld-	D1297/025/01	Bonn2, CITES-A, GBNNSIP, LBAP-C, RL-NT, WCA1.1	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Accipiter gentilis</i> (Goshawk / Gwalch Marthin)	SJ25	2 records, between 15/04/2012 and 29/06/2012	Shelagh A Halsey	1		-Withheld-	-Withheld-	D1297/025/01	Bonn2, CITES-A, GBNNSIP, LBAP- C, RL-NT, WCA1.1	PC
<i>Accipiter gentilis</i> (Goshawk / Gwalch Marthin)	SJ25	2 records, between 03/04/2015 and 24/03/2019	John F Jones; Mr Mark Breaks	3; 1		-Withheld-	-Withheld-	D1297/025/01 , D1297/026/01	Bonn2, CITES-A, GBNNSIP, LBAP- C, RL-NT, WCA1.1	PC
<i>Accipiter gentilis</i> (Goshawk / Gwalch Marthin)	SJ25	2 records, between 24/03/2017 and 27/02/2019	N Duggan; Anon (Gamekeeper)	1		-Withheld-	-Withheld-	D1297/025/01 , D0062/010/01	Bonn2, CITES-A, GBNNSIP, LBAP- C, RL-NT, WCA1.1	PC, NA
<i>Acronicta rumicis</i> (Knot Grass / Bidog Tafol)	SJ25205219 (Selected from Interactive Map)	19/08/2017	Tom Knight	1 Larvae		Minera Quarry		D1748/001/01	BAP, LBAP-G, S7	PC
<i>Acronicta rumicis</i> (Knot Grass / Bidog Tafol)	SJ247510	04/09/2005	J.B. Formstone	2 Larval		Aber Sychnant	Habitat: Grassland: marshy, upland. Method: Daytime observation	D1285/001/03	BAP, LBAP-G, S7	NA
<i>Acronicta rumicis</i> (Knot Grass / Bidog Tafol)	SJ241523	2 records, both on 06/06/2012	M.Bellingham, H. Davies, H. John	1 Adult		Llandegla Forest (near car park)	22:00 - 02:15. Habitat: Forest. Method: 125W MV Skinner	D1285/001/03	BAP, LBAP-G, S7	NA
<i>Acronicta rumicis</i> (Knot Grass / Bidog Tafol)	SJ251525	26/07/2017	A.N. & J.E.Graham	1 Adult		Eisteddfod Farm, Gwynfryn	Method: Rob-MV- 125W	D1991/001/01	BAP, LBAP-G, S7	NA
<i>Alauda arvensis</i> (Skylark / Ehedydd)	SJ241534 (Estimated (Centroid of Site))	~ 2005	BASC Recorder (15534803-3)				Shoot Size Range: 0-3km	D0132/001/02	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBA	PC
<i>Alauda arvensis</i> (Skylark / Ehedydd)	SJ2450 (Selected from Interactive Map)	7 records, between 06/05/2013 and 07/03/2020	Paul Martin; Neil Hughes; Steven Davies; Rob Swift; MJ Wheeler; Mr Phil Bristow	1 Adult; 2; 1; 10+		Esclusham mountain	BirdTrack. Activity: S; BirdTrack; Bird Track	D1117/001/01 , D1297/025/01 , D1297/039/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBA	PC, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Alauda arvensis</i> (Skylark / Ehedydd)	SJ2550 (Selected from Interactive Map)	31 records, between 22/02/2011 and 11/10/2020	Paul Martin; John Lawton Roberts; Steven Davies; Zac Hinchcliffe; Annie N Haycock; Kevin J Smith; Mark T Breaks; JK Ogden; Glenn E Morris; John F Jones; Kenny D Hall; Neil Hughes; Heather Cartwright;	2 pairs Adult; 1 Adult; 2; 1; 3; 4; 6; 5; 1+	Reported to recorder	Esclusham Mountain	Males singing loudly at height with females on the ground.; First on moorland of spring. Survey: Observer data; BirdTrack; BirdTrack; BirdTrack. Activity: S; 1st song of year on moor, none yesterday. Breeding activity: Singing male	D1117/001/01 , D0062/008/01 , D1297/025/01 , D1297/026/01 , D0062/010/01 , D1297/039/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBA	PC, NA, UA
<i>Alauda arvensis</i> (Skylark / Ehedydd)	SJ250507	06/06/2015	Mr N French			Worlds End		D1297/020/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBA	PC
<i>Alauda arvensis</i> (Skylark / Ehedydd)	SJ250508	08/04/2015	Mr J N Williams			Mobile-SJ2550		D1297/020/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBA	PC
<i>Alauda arvensis</i> (Skylark / Ehedydd)	SJ241531 (GPS Reading)	21/03/2018	Gordon Plater	1		Nant y ffrith	Song flight	D1117/001/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBA	PC
<i>Alauda arvensis</i> (Skylark / Ehedydd)	SJ2453	29 records, between 19/05/2008 and 14/06/2020	Julie Chicken; Steven Davies; Mr Steven Davies	1; 2	Reported to recorder	Nant-y-Ffrith Reservoir	timed tetrad visit in SJ25L. Survey: Observer data; Birdtrack. Activity: S; Birdtrack.: Activity: S; BirdTrack. Activity: S; BirdTrack. Activity: T; BirdTrack; Birdtrack. flying north	D0062/008/01 , D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBA	NA, PC, UA
<i>Alauda arvensis</i> (Skylark / Ehedydd)	SJ2353	15/05/2004	David Richardson	2	Reported to recorder	Llandegla, Moor, NE	Survey: Observer data	D0062/008/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBA	NA
<i>Alauda arvensis</i> (Skylark / Ehedydd)	SJ2451	4 records, between 28/03/2010 and 23/04/2019	Andrew Wallbank; Steven Davies; Neil Hughes; Mr James Hughes	6; 1; 2	Reported to recorder	Gwynfryn, SW	Survey: Observer data; BirdTrack; BirdTrack. Activity: S; Breeding status: D	D0062/008/01 , D1297/025/01 , D1297/026/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBA	NA, PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Alauda arvensis</i> (Skylark / Ehedydd)	SJ2500950881	19/05/2013	Jim Hulse	1	Reported to recorder	Ruabon Mountain, Esclusham Mountain	Activity: S. Survey: Observer data	D0062/008/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBA	NA
<i>Alauda arvensis</i> (Skylark / Ehedydd)	SJ2251	2 records, between 16/04/2017 and 15/06/2017	Norma Williams			Llandegla Forest	BirdTrack	D1297/025/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBA	PC
<i>Alauda arvensis</i> (Skylark / Ehedydd)	SJ2452	26/06/2010	Steven Davies	1		Gwynfryn, W	Birdtrack.: Activity: H	D1297/025/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBA	PC
<i>Alauda arvensis</i> (Skylark / Ehedydd)	SJ2351	5 records, between 04/05/2008 and 28/03/2019	Stephen Mcavoy; Shelagh A Halsey; Dr Anne Brencley	2; 1		Pendinas, Reservoir	Birdtrack; BirdTrack. Activity: S; BirdTrack; Bird Track. Activity: S; Breeding status: S	D1297/025/01 , D1297/026/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBA	PC
<i>Alauda arvensis</i> (Skylark / Ehedydd)	SJ2354	04/05/2013	Steven Davies	1		Rhydtalog	BirdTrack	D1297/025/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBA	PC
<i>Alauda arvensis</i> (Skylark / Ehedydd)	SJ2454	25/06/2009	Steven Davies			Rhydtalog, E	Birdtrack. Activity: S	D1297/025/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBA	PC
<i>Alauda arvensis</i> (Skylark / Ehedydd)	SJ2551	14 records, between 02/05/2009 and 22/05/2019	Steven Davies; Norman Hallas; Lizzy Webster; Roger Halsey; Dave Beevers; Emma Broad; Colin A Penny; Neil Hughes; Paul E Miller; Mr Paul Miller; Mr James Hughes	1; 2; 3		Ruabon Mountain, Esclusham Mountain, N	Birdtrack. Activity: H; Birdtrack.: Activity: H; BirdTrack; BirdTrack. Activity: S; Activity: D; Breeding status: D	D1297/025/01 , D1297/026/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBA	PC
<i>Alcedo atthis</i> (Kingfisher / Glas y Dorlan)	SJ2453	6 records, between 16/02/2014 and 27/12/2020	Steven Davies; Mr Steven Davies	1		Nant-y-Ffrith Reservoir	Birdtrack. My first record at the site; BirdTrack	D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01	BDir1, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-T, UKBA, WBA, WCA1.1	PC, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Anguis fragilis</i> (Slow-worm / Neidr Ddefaid)	SJ2553	2 records, both in 1990	Mark Lee; Lee, Mark			Bwlchgwyn Quarry		D0035/002/01 , D1076/001/02	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	PC, NA
<i>Anguis fragilis</i> (Slow-worm / Neidr Ddefaid)	SJ2571951885 (GPS Reading)	19/06/2018	Mick Brummage	1 Adult Female	Under artificial refuge	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Anguis fragilis</i> (Slow-worm / Neidr Ddefaid)	SJ2494952299 (GPS Reading)	10/06/2019	Mick Brummage	1 Adult Female	Under artificial refuge	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Anguis fragilis</i> (Slow-worm / Neidr Ddefaid)	SJ2571451883 (GPS Reading)	15/06/2020	Mick Brummage and Dave E Williams	1 Adult	Under artificial refuge	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Anguis fragilis</i> (Slow-worm / Neidr Ddefaid)	SJ2492252019 (GPS Reading)	11/07/2020	Mick Brummage	1 Sub-adult Male	Dead	Minera Quarry	Part eaten, probably in situ by a mammal	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Anthus trivialis</i> (Tree Pipit / Corhedydd y Coed)	SJ2552	19/04/2014	John Lawton Roberts	1	Reported to recorder	Gwynfryn	My first of spring. Survey: Observer data	D0062/008/01	BAP, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBR, WBA	NA
<i>Anthus trivialis</i> (Tree Pipit / Corhedydd y Coed)	SJ2351	18 records, between 21/07/2004 and 27/06/2012	Julie Chicken; Steven Davies; Julie Rogers; Barry Lynes; Mike Radcliffe; Helen Conrad; Bob Lane; Stephen Mcavoy; Shelagh A Halsey; Ray Eades; David Keeling	1; 2; 3; 4; 6; 5	Reported to recorder	Pendinas, Reservoir	Roving record. Survey: Observer data; RR. Survey: Observer data; Survey: Observer data; Birdtrack. Activity: S; Birdtrack.: Activity: FF; BirdTrack. Activity: D; BirdTrack. Activity: S; BirdTrack. Activity: FF; BirdTrack	D0062/008/01 , D1297/025/01	BAP, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBR, WBA	NA, PC

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<i>Anthus trivialis</i> (Tree Pipit / Corhedydd y Coed)	SJ2251	4 records, between 24/05/2007 and 12/07/2017	Julie Chicken; Norma Williams	1	Reported to recorder	Llandegla Forest	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	BAP, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBR, WBA	NA, PC
<i>Anthus trivialis</i> (Tree Pipit / Corhedydd y Coed)	SJ2350	7 records, between 01/06/2010 and 09/06/2012	Kevin J Smith; Julie Chicken; Corinne R Williams; Trevor Britton; Helen Conrad; Jenny Thomas	1; 2; 3; 4	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data	D0062/008/01	BAP, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBR, WBA	NA
<i>Anthus trivialis</i> (Tree Pipit / Corhedydd y Coed)	SJ2451	05/05/2012	Ros Lane	3	Reported to recorder	Gwynfryn, SW	Survey: Observer data	D0062/008/01	BAP, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBR, WBA	NA
<i>Anthus trivialis</i> (Tree Pipit / Corhedydd y Coed)	SJ2353	2 records, between 15/05/2004 and 25/06/2011	David Richardson; Tim Ross	10+; 2	Reported to recorder	Llandegla, Moor, NE	Survey: Observer data; Activity: P. Survey: Observer data	D0062/008/01	BAP, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBR, WBA	NA
<i>Anthus trivialis</i> (Tree Pipit / Corhedydd y Coed)	SJ2250	16/06/2010	Neil Hughes	4	Reported to recorder	Llandegla Forest, S	Roving. Activity: S. Survey: Observer data	D0062/008/01	BAP, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBR, WBA	NA
<i>Anthus trivialis</i> (Tree Pipit / Corhedydd y Coed)	SJ2551	3 records, between 28/04/2014 and 24/06/2017	N Duggan; Steven Davies	2; 1		Ruabon Mountain, Esclusham Mountain, N	BirdTrack; Bird Track	D1297/025/01	BAP, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBR, WBA	PC
<i>Apamea remissa</i> (Dusky Brocade / Brithyn Llwydolau)	SJ241523	2 records, both on 20/06/2012	M.Bellingham, H. Davies, H. John	2 Adult		Llandegla Forest (near car park)	22:00 - 01:30. Habitat: Forest. Method: 125W MV Skinner	D1285/001/03	BAP, LBAP-G, S7	NA
<i>Apamea remissa</i> (Dusky Brocade / Brithyn Llwydolau)	SJ255522	02/07/2017	A.N. & J.E.Graham	1 Adult		Eisteddfod Farm, Gwynfryn, sanicle wood	Method: actinic	D1991/001/01	BAP, LBAP-G, S7	NA

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<i>Apamea remissa</i> (Dusky Brocade / Brithyn Llwydolau)	SJ253522	03/07/2019	A.N. & J.E.Graham	2 Adult		Eisteddfod Farm, Gwynfryn	Method: Rob-MV- 125W	D1991/001/01	BAP, LBAP-G, S7	NA
<i>Apamea remissa</i> (Dusky Brocade / Brithyn Llwydolau)	SJ247525	22/06/2020 to 10/07/2020	A.N. & J.E.Graham	1 Adult		Eisteddfod Farm, Gwynfryn	Method: malaise trap	D1991/001/01	BAP, LBAP-G, S7	NA
<i>Asplenium</i> <i>trichomanes</i> (Maidenhair Spleenwort / Duegredynen Gwallt y Forwyn)	SJ2552	15/08/2003	Whild, Dr S.J.			Minera Quarry		D1169/004/02	RDB-NR, RL-NT, S7	NA
<i>Asplenium</i> <i>trichomanes</i> (Maidenhair Spleenwort / Duegredynen Gwallt y Forwyn)	SJ2252	25/04/2011	Shanklin, J.			Casgan Dittw		D1169/004/02	RDB-NR, RL-NT, S7	NA
<i>Asplenium</i> <i>trichomanes</i> (Maidenhair Spleenwort / Duegredynen Gwallt y Forwyn)	SJ250524 (Estimated (Centroid of Site))	2 records, both on 01/11/1985	Dawn Gray and Janice Butler	Rare		Eisteddfod Grassland	Habitat: Natural basic rock exposures; Habitat: Defunct wall	D1239/012/01	RDB-NR, RL-NT, S7	PC
<i>Asplenium</i> <i>trichomanes</i> (Maidenhair Spleenwort / Duegredynen Gwallt y Forwyn)	SJ2453	16/11/2018	Jonathan D Shanklin			Tan-y-bryn		D1587/026/01	RDB-NR, RL-NT, S7	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Boloria euphrosyne</i> (Pearl-bordered Fritillary / Britheg Berlog)	SJ2351	13/06/2004	Bryan Formstone	1	Field record		Llandegla Forest, near Pendinas Reservoir specimen caught	D1373/001/05	BAP, LBAP-C, LBAP-D, LBAP-F, RL-EN, S7, WCA5	NA
<i>Boloria euphrosyne</i> (Pearl-bordered Fritillary / Britheg Berlog)	SJ233518	13/06/2004	Bryan Formstone	1 Adult		Pendinas Reservoir	Identified in the hand (Rob Whitehead, pers. comm.)	D0217/001/04	BAP, LBAP-C, LBAP-D, LBAP-F, RL-EN, S7, WCA5	NA
<i>Boloria selene</i> (Small Pearl-bordered Fritillary / Britheg Berlog Fach)	SJ2452 (Estimated Centroid of Site))	2 records, both in June 1990	Bryan Formstone; J.B.Formstone	1		SJ2452	Breeding: No. Mature: Yes. Record type: Field record / observation	D0127/001/02 , D1858/001/02	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-NT, S7	NA
<i>Boloria selene</i> (Small Pearl-bordered Fritillary / Britheg Berlog Fach)	SJ2551	12/07/2013	John Lawton Roberts	1		Minera Quarry		D0967/006/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-NT, S7	PC
<i>Boloria selene</i> (Small Pearl-bordered Fritillary / Britheg Berlog Fach)	SJ254520	02/08/2019	Ashley Evans	2		Minera Quarry S3	Grid reference type: Estimated (centroid of transect section)	D1924/001/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-NT, S7	NA
<i>Boloria selene</i> (Small Pearl-bordered Fritillary / Britheg Berlog Fach)	SJ244525	29/06/2006	R.W.Whitehead	32		Nr Abergroes		D1858/001/02	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-NT, S7	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Boloria selene</i> (Small Pearl-bordered Fritillary / Britheg Berlog Fach)	SJ254523	2 records, between 19/06/2002 and 17/07/2012	Andrew & Janet Graham; Rob W Whitehead	3; 8 Adult	Field record	Minera Quarry	CORINE: 342	D1858/001/02 , D1373/001/05	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-NT, S7	NA
<i>Boloria selene</i> (Small Pearl-bordered Fritillary / Britheg Berlog Fach)	SJ249525	07/06/2016	Andrew & Janet Graham	1		Eisteddfod Farm, Gwynfryn		D1858/001/02	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-NT, S7	NA
<i>Boloria selene</i> (Small Pearl-bordered Fritillary / Britheg Berlog Fach)	SJ252523	07/06/2016	Andrew & Janet Graham	1		Eisteddfod Farm, Gwynfryn		D1858/001/02	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-NT, S7	NA
<i>Boloria selene</i> (Small Pearl-bordered Fritillary / Britheg Berlog Fach)	SJ251523	21/06/2016	Andrew & Janet Graham			Eisteddfod Farm, Gwynfryn		D1858/001/02	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-NT, S7	NA
<i>Boloria selene</i> (Small Pearl-bordered Fritillary / Britheg Berlog Fach)	SJ251524	04/07/2017	Andrew & Janet Graham	1		Eisteddfod Farm, Gwynfryn	Still flying	D1858/001/02	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-NT, S7	NA
<i>Boloria selene</i> (Small Pearl-bordered Fritillary / Britheg Berlog Fach)	SJ249526	2 records, between 02/06/2018 and 28/05/2020	A.N.Graham; H.Bantock; A.N. & J.E.Graham	1; 2-9		Eisteddfod Farm, Gwynfryn		D1858/001/02 , D1858/003/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-NT, S7	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Boloria selene</i> (Small Pearl-bordered Fritillary / Britheg Berlog Fach)	SJ2552	2 records, between 21/06/2019 and 30/05/2020	Andrew & Janet Graham; A.N. & J.E. Graham	10+; 10-29		Eisteddfod Farm, Gwynfryn	All over the place	D1858/001/02 , D1858/003/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-NT, S7	NA
<i>Boloria selene</i> (Small Pearl-bordered Fritillary / Britheg Berlog Fach)	SJ252522	6 records, between 29/05/2003 and 07/06/2016	Rob W Whitehead; A.N. Graham; Andrew & Janet Graham; John Lawton Roberts	3 Adult; 3; 2; 1 Adult	Field record	Gwynfryn - Quarry rim	Quarry: disused	D1373/001/05	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-NT, S7	NA
<i>Boloria selene</i> (Small Pearl-bordered Fritillary / Britheg Berlog Fach)	SJ257523	12/07/2013	John Lawton Roberts	1 Adult		Minera		D1373/001/05	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-NT, S7	NA
<i>Boloria selene</i> (Small Pearl-bordered Fritillary / Britheg Berlog Fach)	SJ250524	2 records, between 04/07/2017 and 02/06/2018	Andrew Graham; A.N. & J.E. Graham	1 Adult		Minera Quarry, Eisteddfod Farm	Quarry: disused	D1373/001/05	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-NT, S7	NA
<i>Bombus humilis</i> (Brown-banded Carder Bee)	SJ249522	19/06/2019	Comont, Richard			Mineira quarry, Wrexham	iRecord (iRecord App)	D1844/001/03	BAP, LBAP-C, LBAP-F, LBAP-G, S7	NA
<i>Bufo bufo</i> (Common Toad / Llyffant Dafadennog)	SJ243532	05/05/2013	Steven Davies	1 Adult		Nant-y-Ffrith Reservoir		D1480/001/01	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)	SJ2351	14/05/2013	Mick Brummage	3 Adult; 1 Sub-adult		Llandegla Forest	Under reptile refuges	D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, 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>Bufo bufo</i> (Common Toad / Llyffant Dafadennog)	SJ2553	1977	Burnett, B.W.			Bwlchgwyn		D1076/001/02	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)	SJ2151	1977	Burnett, B.W.			Moel Garegog, foot of		D1076/001/02	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)	SJ23015233 (Selected from Interactive Map)	13/05/2016	Paul Furnborough; Stephen Smith	Larva/Tadpole	Torch Count	Llandegla Forest: Pond 1		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)	SJ23025239 (Selected from Interactive Map)	13/05/2016	Paul Furnborough; Stephen Smith	1 Adult (Sex Unknown)	Torch Count	Llandegla Forest: Pond 2		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)	SJ2521852355 (GPS Reading)	12/05/2018	Mick Brummage	1 Sub-adult	Live Sighting	Gwynfryn	Under artificial reptile refuge	D1117/001/01	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)	SJ2521952355 (GPS Reading)	28/05/2018	Mick Brummage	1 Sub-adult	Live Sighting	Gwynfryn	Under artificial reptile refuge	D1117/001/01	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)	SJ23005234	4 records, between 06/01/2016 and 26/05/2016	Recorder Name Withheld	1 tadpoles - no specific stage			Source: ARC Excel Import - PondNet Data	D1737/003/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-T, S7, WCA5	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)	SJ23015240	4 records, between 06/01/2016 and 26/05/2016	Recorder Name Withheld	1 tadpoles - no specific stage			Source: ARC Excel Import - PondNet Data	D1737/003/01	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)	SJ231524	4 records, between 21/04/2012 and 30/05/2012	Recorder Name Withheld	100 spawn strings/clumps counted during survey; 9 adult; Tadpoles - no specific stage		NARRS1 pond grid reference SJ231524	Source: NARRS Amphibian Visits	D1737/003/01	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)	SJ25105223 (Selected from Interactive Map)	13/05/2021	A.C.L Jones; Jordan Hurst	1 Male	Torch Count	Minera Quarry: P01		D1320/014/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-T, S7, WCA5	NA
<i>Caprimulgus europaeus</i> (Nightjar / Troellwr Mawr)	SJ232507	01/07/2011	B.W. Burnett			Llandegla Forest	Two churring simultaneously c.500m apart. Also 2 flew close around our heads at one point. 22.00.	D1400/001/01	BAP, BDir1, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7, UKBA, WBA	PC
<i>Caprimulgus europaeus</i> (Nightjar / Troellwr Mawr)	SJ2350	2 records, between 02/06/2011 and 09/06/2012	Corinne R Williams; Kevin J Smith	2; 1	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data; Activity: S. Survey: Observer data	D0062/008/01	BAP, BDir1, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7, UKBA, WBA	NA
<i>Caprimulgus europaeus</i> (Nightjar / Troellwr Mawr)	SJ2250	5 records, between 16/06/2010 and 11/07/2018	Neil Hughes	3; 4; 2+; 10	Reported to recorder	Llandegla Forest, S	Survey: Observer data; Roving. Activity: D. Survey: Observer data; BirdTrack. Activity: T; BirdTrack. Activity: S; Activity: P	D0062/008/01 , D1297/025/01	BAP, BDir1, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7, UKBA, WBA	NA, PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Caprimulgus europaeus</i> (Nightjar / Troellwr Mawr)	SJ2351	16 records, between 01/06/2010 and 21/07/2020	Kevin J Smith; Ray Eades; Shelagh A Halsey; Neil Hughes; Heather Cartwright; Steven Davies; Trevor B Taylor; Mrs Heather Cartwright; Mr T Taylor	1 Female; 2 Male; 3; 2; 4; 1; 5+; 6+; 3+; 9	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; Birdtrack. two males one female seen in poor light. Good views of male. Many years since i have seen one. Activity: D; BirdTrack. Activity: S; BirdTrack. Activity: T; BirdTrack; Started singing shortly before 10pm in clearfell area. Activity: S	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	BAP, BDir1, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7, UKBA, WBA	NA, PC, UA
<i>Caprimulgus europaeus</i> (Nightjar / Troellwr Mawr)	SJ2251	8 records, between 13/07/2016 and 11/07/2018	Mark R Peers; Norma Williams; Graham Jones	2; 8; 3; 5+		Llandegla Forest	BirdTrack; Activity: S	D1297/025/01	BAP, BDir1, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7, UKBA, WBA	PC
<i>Caprimulgus europaeus</i> (Nightjar / Troellwr Mawr)	SJ2452	08/06/2018	Kevin J Smith	5		Gwynfryn, W		D1297/025/01	BAP, BDir1, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7, UKBA, WBA	PC
<i>Celaena haworthii</i> (Haworth's Minor / Gwyfyn Plu'r Gweunydd)	SJ252510	1859	N.Greening	1 Adult		Minera Moor	Habitat: Grassland: marshy, upland	D1285/001/03	BAP, LBAP-G, S7	NA
<i>Celaena haworthii</i> (Haworth's Minor / Gwyfyn Plu'r Gweunydd)	SJ2251	06/09/1956	Robert Crewdson		Field record	Llandegla	Utp 2005 312	D0969/001/05	BAP, LBAP-G, S7	UA
<i>Ceramica pisi</i> (Broom Moth / Gwyfyn Banadl)	SJ241523	3 records, between 06/06/2012 and 09/09/2012	M.Bellingham, H. Davies, H. John; M.Bellingham, H. Davies	2 Adult; 1 Adult		Llandegla Forest (near car park)	22:00 - 01:30. Habitat: Forest. Method: 125W MV Skinner; 22:00 - 02:15. Habitat: Forest. Method: 125W MV Skinner	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>Ceramica pisi</i> (Broom Moth / Gwyfyn Banadl)	SJ2550	23/09/2007	I.D.Wallace	Larval		Minera		D1285/001/03	BAP, LBAP-G, S7	NA
<i>Ceramica pisi</i> (Broom Moth / Gwyfyn Banadl)	SJ251525	02/07/2017	A.N. & J.E.Graham	7 Adult		Eisteddfod Farm, Gwynfryn, The Arc	Method: Rob-MV- 125W	D1991/001/01	BAP, LBAP-G, S7	NA
<i>Ceramica pisi</i> (Broom Moth / Gwyfyn Banadl)	SJ254517	23/09/2017	A.N. & J.E.Graham	larval		Minera Quarry		D1991/001/01	BAP, LBAP-G, S7	NA
<i>Ceramica pisi</i> (Broom Moth / Gwyfyn Banadl)	SJ253522	03/07/2019	A.N. & J.E.Graham	3 Adult		Eisteddfod Farm, Gwynfryn	Method: Rob-MV- 125W	D1991/001/01	BAP, LBAP-G, S7	NA
<i>Cerastium fontanum</i> (Common Mouse- ear / Clust-y- Llygoden Gulddail)	SJ224522 (Selected from Interactive Map)	06/08/2011	Emily Meilleur & recording group			Moel Garegog, Llandegla	Heathland	D1274/001/01	BAP, RDB-NR, RL-VU	KC
<i>Cerastium fontanum</i> (Common Mouse- ear / Clust-y- Llygoden Gulddail)	SJ254524 (Estimated (From Recorder's Map))	04/08/1988	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	1 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	BAP, RDB-NR, RL-VU	NA
<i>Cerastium fontanum</i> (Common Mouse- ear / Clust-y- Llygoden Gulddail)	SJ256523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	BAP, RDB-NR, RL-VU	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Cerastium fontanum</i> (Common Mouse-ear / Clust-y-Llygoden Gulddail)	SJ249523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	BAP, RDB-NR, RL-VU	NA
<i>Cerastium fontanum</i> (Common Mouse-ear / Clust-y-Llygoden Gulddail)	SJ250524 (Estimated (From Recorder's Map))	4 records, between 01/11/1985 and 06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith; Dawn Gray and Janice Butler	3 DOMIN (Estimate); Rare	Field record	Minera (part SSSI)	Habitat: Unimproved calcareous grassland; Dried up pond. Habitat: Marshy grassland; Habitat: Basic dry grassland/heath mosaic	D0820/001/02 , D1239/012/01	BAP, RDB-NR, RL-VU	NA, PC
<i>Cerastium fontanum</i> (Common Mouse-ear / Clust-y-Llygoden Gulddail)	SJ251524 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	BAP, RDB-NR, RL-VU	NA
<i>Cerastium fontanum</i> (Common Mouse-ear / Clust-y-Llygoden Gulddail)	SJ257522 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	1 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	BAP, RDB-NR, RL-VU	NA
<i>Cerastium fontanum</i> (Common Mouse-ear / Clust-y-Llygoden Gulddail)	SJ252516 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	BAP, RDB-NR, RL-VU	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Cerastium fontanum</i> (Common Mouse-ear / Clust-y-Llygoden Gulddail)	SJ254519 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	1 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	BAP, RDB-NR, RL-VU	NA
<i>Cerastium fontanum</i> (Common Mouse-ear / Clust-y-Llygoden Gulddail)	SJ254518 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	BAP, RDB-NR, RL-VU	NA
<i>Cerastium fontanum</i> (Common Mouse-ear / Clust-y-Llygoden Gulddail)	SJ252517 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	BAP, RDB-NR, RL-VU	NA
<i>Cerastium fontanum</i> (Common Mouse-ear / Clust-y-Llygoden Gulddail)	SJ2352	25/04/2011	Shanklin, J.			Casgan Dittw		D1169/004/02	BAP, RDB-NR, RL-VU	NA
<i>Cerastium fontanum</i> (Common Mouse-ear / Clust-y-Llygoden Gulddail)	SJ2451	25/04/2011	Shanklin, J.			Esclusham Mountain		D1169/004/02	BAP, RDB-NR, RL-VU	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Cerastium fontanum</i> (Common Mouse-ear / Clust-y-Llygoden Gulddail)	SJ2351	26/05/2016	Stead, M.O.			Llandegla Forest		D1169/004/02	BAP, RDB-NR, RL-VU	NA
<i>Cerastium fontanum</i> (Common Mouse-ear / Clust-y-Llygoden Gulddail)	SJ2251	2 records, between 25/04/2011 and 26/05/2016	Stead, M.O.; Shanklin, J.			Llandegla Forest		D1169/004/02	BAP, RDB-NR, RL-VU	NA
<i>Cerastium fontanum</i> (Common Mouse-ear / Clust-y-Llygoden Gulddail)	SJ2452	28/07/2011	Shanklin, J.			Gwynfryn		D1169/004/02	BAP, RDB-NR, RL-VU	NA
<i>Cerastium fontanum</i> (Common Mouse-ear / Clust-y-Llygoden Gulddail)	SJ247516 (Estimated Centroid of Site)	3 records, all on 30/10/1985	Janice Butler and Dawn Gray	Frequent/Occasional; Rare		Aber Sychnant Grassland	Habitat: Marshy grassland; Habitat: unimproved acid grassland; Habitat: Scattered bracken	D1239/012/01	BAP, RDB-NR, RL-VU	PC
<i>Cerastium fontanum</i> (Common Mouse-ear / Clust-y-Llygoden Gulddail)	SJ2453	16/11/2018	Jonathan D Shanklin			Tan-y-bryn		D1587/026/01	BAP, RDB-NR, RL-VU	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Cerastium fontanum</i> (Common Mouse-ear / Clust-y-Llygoden Gulddail)	SJ230534 (Selected from Interactive Map)	30/05/2019	Emily Meilleur; Gail Quartly-Bishop			Moel Garegog	Heathland	D1274/001/01	BAP, RDB-NR, RL-VU	KC
Chiroptera (Bat / Ystlum)	SJ2452 (Estimated Centroid of Site))	~ 2005	BASC Recorder (1654802-1)			-Withheld-	-Withheld-	D0132/001/02	Bern2, Bonn2, CHS2, HDir4, LBAP-T, WCA5	PC
Chiroptera (Bat / Ystlum)	SJ2453 (Estimated Centroid of Site))	~ 2005	BASC Recorder (15534803-3)			-Withheld-	-Withheld-	D0132/001/02	Bern2, Bonn2, CHS2, HDir4, LBAP-T, WCA5	PC
<i>Chroicocephalus ridibundus</i> (Black-headed Gull / Gwylan Benddu)	SJ2352	02/05/2011	Kevin J Smith	1	Reported to recorder	Llandegla Forest, NE	Survey: Observer data	D0062/008/01	BDir2.2, LBAP-G, RL-VU, S7, UKBA, WBR	NA
<i>Chroicocephalus ridibundus</i> (Black-headed Gull / Gwylan Benddu)	SJ2453	8 records, between 30/05/2004 and 27/12/2015	John Lawton Roberts; Steven Davies	2; 3; 1; 30+	Reported to recorder	Nant-y-Ffrith Reservoir	Breeding plumage. Survey: Observer data; Survey: Observer data; Birdtrack; Birdtrack;; BirdTrack; BirdTrack. Activity: F	D0062/008/01 , D1297/025/01	BDir2.2, LBAP-G, RL-VU, S7, UKBA, WBR	NA, PC
<i>Chroicocephalus ridibundus</i> (Black-headed Gull / Gwylan Benddu)	SJ2351	05/05/2012	David Keeling	4		Pendinas, Reservoir	BirdTrack	D1297/025/01	BDir2.2, LBAP-G, RL-VU, S7, UKBA, WBR	PC

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)	SJ2450	2 records, between 15/11/2016 and 15/04/2019	Gareth M Blockley; Mr Malcolm Down	30+		Ruabon Mountain, Esclusham Mountain, W	BirdTrack	D1297/025/01 , D1297/026/01	BDir2.2, LBAP-G, RL-VU, S7, UKBA, WBR	PC
<i>Circus cyaneus</i> (Hen Harrier / Boda Tinwyn)	SJ25 (Estimated (Centroid of Site))	~ 2005	BASC Recorder (15534803-3)			-Withheld-	-Withheld-	D0132/001/02	BDir1, Bonn2, CITES-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR, WCA1.1	PC
<i>Circus cyaneus</i> (Hen Harrier / Boda Tinwyn)	SJ25 (Observation Point Grid Reference)	28/04/2017	Simon Hugheston-Roberts; Neil Cowie	1 Adult Male		-Withheld-	-Withheld-	D1448/002/01	BDir1, Bonn2, CITES-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR, WCA1.1	NA
<i>Circus cyaneus</i> (Hen Harrier / Boda Tinwyn)	SJ25	03/04/2005	Kevin J Smith	1	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01	BDir1, Bonn2, CITES-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR, WCA1.1	NA
<i>Circus cyaneus</i> (Hen Harrier / Boda Tinwyn)	SJ25	6 records, between 02/04/2006 and 05/12/2015	Julie Rogers; Julie Chicken; Shelagh A Halsey; John Marchant	1; 1 Female	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01 , D1297/025/01	BDir1, Bonn2, CITES-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR, WCA1.1	NA, PC
<i>Circus cyaneus</i> (Hen Harrier / Boda Tinwyn)	SJ25	6 records, between 20/11/2005 and 26/03/2017	Jenny Thomas; Corinne R Williams; Kevin J Smith; Mike Radcliffe; Anthony John Roberts; Neil Hughes	1; 1 Male; 2	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01 , D1297/025/01	BDir1, Bonn2, CITES-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR, WCA1.1	NA, PC
<i>Circus cyaneus</i> (Hen Harrier / Boda Tinwyn)	SJ25	7 records, between 07/05/2007 and 09/08/2017	Kevin J Smith; Julie Rogers; Duncan Halpin; Glenn E Morris; John F Jones; Anthony Britner	2; 1 Male; 1	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01 , D1297/025/01	BDir1, Bonn2, CITES-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR, WCA1.1	NA, PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Circus cyaneus</i> (Hen Harrier / Boda Tinwyn)	SJ25	19/05/2013	Jim Hulse	1 Male	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01	BDir1, Bonn2, CITES-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR, WCA1.1	NA
<i>Circus cyaneus</i> (Hen Harrier / Boda Tinwyn)	SJ25	30/05/2004	John Lawton Roberts	1 Male	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01	BDir1, Bonn2, CITES-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR, WCA1.1	NA
<i>Circus cyaneus</i> (Hen Harrier / Boda Tinwyn)	SJ25	2 records, between 16/06/2010 and 28/04/2013	Neil Hughes; Louise Bailey	1 Male	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01 , D1297/025/01	BDir1, Bonn2, CITES-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR, WCA1.1	NA, PC
<i>Circus cyaneus</i> (Hen Harrier / Boda Tinwyn)	SJ25	9 records, between 23/07/2009 and 26/08/2019	Julie Chicken; Norman Hallas; Dave Beevers; Emma Broad; N Duggan; Thomas M Towey; Mr Steven Davies	1 Male; 2 Female; 1; 2	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01 , D1297/025/01 , D1297/026/01	BDir1, Bonn2, CITES-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR, WCA1.1	NA, PC
<i>Circus cyaneus</i> (Hen Harrier / Boda Tinwyn)	SJ25	3 records, between 22/09/2010 and 07/07/2016	Kevin J Smith; Rob Swift; Ifor Jones	1 Female; 1	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01 , D1297/025/01	BDir1, Bonn2, CITES-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR, WCA1.1	NA, PC
<i>Circus cyaneus</i> (Hen Harrier / Boda Tinwyn)	SJ25	2 records, between 23/06/2008 and 28/04/2010	Dermot J Smith; Steven Davies	1		-Withheld-	-Withheld-	D1297/025/01	BDir1, Bonn2, CITES-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR, WCA1.1	PC
<i>Circus cyaneus</i> (Hen Harrier / Boda Tinwyn)	SJ25	02/01/2012	Steven Davies	1 Male		-Withheld-	-Withheld-	D1297/025/01	BDir1, Bonn2, CITES-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR, WCA1.1	PC
<i>Circus cyaneus</i> (Hen Harrier / Boda Tinwyn)	SJ25	26/02/2019	Mr Shaun Nield	1		-Withheld-	-Withheld-	D1297/026/01	BDir1, Bonn2, CITES-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR, WCA1.1	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Cirrhia icteritia</i> (Sallow / Melyn Penfelyn)	SJ242542	20/10/2013	I.D.Wallace	Adult		Tyddyn Llwyd		D1285/001/03	BAP, LBAP-G, S7	NA
<i>Clangula hyemalis</i> (Long-tailed Duck / Hwyaeden Gynffon-Hir)	SJ2450	16/11/2016	Gareth M Blockley	1		Ruabon Mountain, Esclusham Mountain, W	BirdTrack	D1297/025/01	BDir2.2, Bonn2, RL-NT, UKBR, WBA, WCA1.1	PC
<i>Coccothraustes coccothraustes</i> (Hawfinch / Gylfinbraff)	SJ2552	27/12/2017	Steven Davies	2		Gwynfryn	Birdtrack. in bushes by road down to Minera Quarry	D1297/025/01	BAP, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-EN, S7, UKBR, WBA	PC
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ223532 (Estimated (Centroid of Site))	06/07/1987	Rob W Whitehead	2		Moel Garegog - Duck Pool	Breeding: No. Mature: Yes. Record type: Field record / observation	D0127/001/02	BAP, LBAP-G, RL-NT, S7	NA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ254523 (Estimated (Centroid of Site))	7 records, between 16/08/1988 and 17/07/2012	Rob W Whitehead; Ian R. Wynne; Andrew & Janet Graham	2; 30; 1; 5; 2 to 10; 2 Adult	Field record	Gwynfryn	adjacent to disused quarry. Breeding: No. Mature: Yes. Record type: Field record / observation; CORINE: 342	D0127/001/02 , D1858/001/02 , D1373/001/05	BAP, LBAP-G, RL-NT, S7	NA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ253525 (Estimated (Centroid of Site))	01/07/1989	Rob W Whitehead	2		Gwynfryn - Fields	Breeding: No. Mature: Yes. Record type: Field record / observation	D0127/001/02	BAP, LBAP-G, RL-NT, S7	NA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ257518 (Estimated (Centroid of Site))	10 records, between 26/05/1992 and 30/08/2019	Rob W Whitehead; Ashley Evans	2; 1; 4		Nr Gwynfryn	Breeding: No. Mature: Yes. Record type: Field record / observation; Grid reference type: Estimated (centroid of transect section)	D0127/001/02 , D1924/001/01	BAP, LBAP-G, RL-NT, S7	NA

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<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ2452 (Estimated Centroid of Site))	2 records, between 18/07/1995 and 30/06/1996	Dr Jean A. Green	1		SJ2452	Breeding: No. Mature: Yes. Record type: Field record / observation	D0127/001/02	BAP, LBAP-G, RL-NT, S7	NA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ257523 (Estimated Centroid of Site))	13/06/1999	B.T. Shaw	2		Minera	Breeding: No. Mature: Yes. Record type: Field record / observation	D0127/001/02	BAP, LBAP-G, RL-NT, S7	NA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ254520	10 records, between 17/07/2019 and 20/09/2019	Ashley Evans	10; 3; 11; 7; 2		Minera Quarry S3	Grid reference type: Estimated (centroid of transect section)	D1924/001/01	BAP, LBAP-G, RL-NT, S7	NA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ249521	10 records, between 17/07/2019 and 30/08/2019	Ashley Evans	6; 4; 7; 3; 9; 1; 2		Minera Quarry S4	Grid reference type: Estimated (centroid of transect section)	D1924/001/01	BAP, LBAP-G, RL-NT, S7	NA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ256519	02/08/2019	Ashley Evans	1		Minera Quarry S2	Grid reference type: Estimated (centroid of transect section)	D1924/001/01	BAP, LBAP-G, RL-NT, S7	NA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ250523	29/06/2011	Janet Robinson	1		Minera Quarry		D1858/001/02	BAP, LBAP-G, RL-NT, S7	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ249525	20/06/2012	Andrew & Janet Graham	1		Minera Quarry	CORINE: 16	D1858/001/02	BAP, LBAP-G, RL-NT, S7	NA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ2552	3 records, between 08/08/2012 and 03/08/2019	Andrew & Janet Graham	2 to 9; 10+; 2+		Minera Quarry	CORINE: 891	D1858/001/02	BAP, LBAP-G, RL-NT, S7	NA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ251525	29/05/2016	Andrew & Janet Graham	2+		Eisteddfod Farm, Gwynfryn		D1858/001/02	BAP, LBAP-G, RL-NT, S7	NA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ251523	21/06/2016	Andrew & Janet Graham			Eisteddfod Farm, Gwynfryn		D1858/001/02	BAP, LBAP-G, RL-NT, S7	NA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ248521	23/08/2016	Andrew & Janet Graham	2		Minera Quarry		D1858/001/02	BAP, LBAP-G, RL-NT, S7	NA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ252522	6 records, between 05/08/2001 and 08/08/2012	Rob W Whitehead; Andrew & Janet Graham	2 Adult; 5; 1 Adult; 8 Adult; 10 Adult	Field record	Gwynfryn - Quarry rim	Quarry: disused	D1373/001/05	BAP, LBAP-G, RL-NT, S7	NA

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<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ2453	30/05/2004	J. L. Roberts	1 Adult			SJ241538 Maes Maelor	D1373/001/05	BAP, LBAP-G, RL-NT, S7	NA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ249526	29/06/2006	Rob W Whitehead	3 Adult		S of Pantdedwydd		D1373/001/05	BAP, LBAP-G, RL-NT, S7	NA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ253523	29/05/2016	A.N. Graham	2 Adult		Minera Quarry	Quarry: disused	D1373/001/05	BAP, LBAP-G, RL-NT, S7	NA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ234517	21/07/2004	Rob W Whitehead	2	Field record	Pendinas Reservoir		D1373/001/05	BAP, LBAP-G, RL-NT, S7	NA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ235527	13/06/2004	Bryan Formstone	2	Field record	Maes Maelor		D1373/001/05	BAP, LBAP-G, RL-NT, S7	NA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ2450	3 records, between 02/09/2002 and 03/06/2006	J. L. Roberts; Dr Jean A. Green	2 Adult; 1; 1 Adult	Field record		Ruabon Mountain	D1373/001/05	BAP, LBAP-G, RL-NT, S7	NA

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<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ244525	29/06/2006	Rob W Whitehead	6 Adult		Nr Abergroes		D1373/001/05	BAP, LBAP-G, RL-NT, S7	NA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ247518	29/06/2011	Janet Robinson	1 Adult		Minera Quarry		D1373/001/05	BAP, LBAP-G, RL-NT, S7	NA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ247512	04/09/2005	Bryan Formstone	2 Adult		Eclusham Mountain		D1373/001/05	BAP, LBAP-G, RL-NT, S7	NA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ250524	03/06/2017	A.N. & J.E. Graham	1 Adult		Minera Quarry, Eisteddfod Farm	Quarry: disused	D1373/001/05	BAP, LBAP-G, RL-NT, S7	NA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ250520	1978	D.M. Parker			Minera Quarry		D0217/001/04	BAP, LBAP-G, RL-NT, S7	NA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlöyn Bach y Waun)	SJ253518 (Selected from Interactive Map)	20/06/2020	Steven Davies	1 Adult		Minera Quarry		D1117/001/01	BAP, LBAP-G, RL-NT, S7	UA

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<i>Coenonympha tullia</i> (Large Heath / Gweirlöyn Mawr y Waun)	SJ224532	Before 2004	Rob Whitehead			Duck Pool, Llandegla Moors		D0216/001/03	BAP, LBAP-C, LBAP-D, LBAP-G, LBAP-S, RL-VU, S7, WCA5	PC
<i>Coenonympha tullia</i> (Large Heath / Gweirlöyn Mawr y Waun)	SJ223532	03/07/1998	R.W.Whitehead	7		Moel Garegog - Duck Pool		D1858/001/02	BAP, LBAP-C, LBAP-D, LBAP-G, LBAP-S, RL-VU, S7, WCA5	NA
<i>Coenonympha tullia</i> (Large Heath / Gweirlöyn Mawr y Waun)	SJ2352	Before 31/12/1986	R.G.L. Dennis	21 Male, 4 Female		Maes Maelor	Ent Gaz 37 1986 p133-172.	D0217/001/04	BAP, LBAP-C, LBAP-D, LBAP-G, LBAP-S, RL-VU, S7, WCA5	NA
<i>Coenonympha tullia polydama</i> (Estimated Centroid of Site))	SJ223532	03/07/1998	Rob W Whitehead	7		Moel Garegog - Duck Pool	Breeding: No. Mature: Yes. Record type: Field record / observation	D0127/001/02	BAP, RL-VU, S7, WCA5	NA
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ2450 (Selected from Interactive Map)	3 records, between 03/05/2010 and 25/05/2013	Gwyn Williams; Kevin J Smith; MJ Wheeler	1	Reported to recorder	Minera	I heard the cuckoo calling in the morning - about 10am; Survey: Observer data; BirdTrack. Activity: S	D1117/001/01 , D0062/008/01 , D1297/025/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC, NA
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ222528 (Selected from Interactive Map)	29/04/2014	Steve Palin	2 Adult		Moel Garegog		D1117/001/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ231532 (Estimated (From Recorder's Map))	25/04/2014	Simon Hugheston-Roberts	1 Adult	Live Sighting	LMZ: Ruabon 03		D1448/002/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	NA
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ225525 (Estimated (From Recorder's Map))	25/04/2014	Dave Hatcher	1 Adult	Live Sighting	LMZ: Ruabon 04		D1448/002/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	NA

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<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ2451 (Approximate)	4 records, between 05/05/2012 and 23/04/2019	Chris Mellenchip; Ros Lane; Neil Hughes; Mr James Hughes	1 Adult; 1	Live Sighting; Reported to recorder	LMZ: Ruabon 06; Park Farm	Survey: Observer data; BirdTrack. Activity: S; Breeding status: S	D1448/002/01 , D0062/008/01 , D1297/025/01 , D1297/026/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	NA, PC
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ250507	2 records, between 06/06/2015 and 30/04/2016	Mr N French	2; 1		Worlds End		D1297/020/01 , D1297/021/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ253516 (GPS Reading)	26/05/2018	Gordon Plater	1		Minera	Seen/heard calling on wires above quarry	D1117/001/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ250520 (Estimated Centroid of Site))	2 records, both on 02/06/2018	Anon; Geoff Radford		Auditory record	Minera Quarry	Heard	D1823/001/01 , D1823/002/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ232508 (Selected from Interactive Map)	19/05/2019	Kim Norman	1 Adult		Llandegla	Calling	D1117/001/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ2251	5 records, between 09/05/2005 and 14/06/2017	Kevin J Smith; Norma Williams	1	Reported to recorder	Llandegla Forest	Heard. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	NA, PC
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ2350	8 records, between 13/05/2006 and 19/04/2018	Neil Hughes; Helen Conrad; Jenny Thomas; Corinne R Williams; John Lawton Roberts	1; 1 Male	Reported to recorder	Denbighshire, Ruabon Mountain, Esclusham Mountain, far W	Heard. Survey: Observer data; Survey: Observer data; 1st of year listene4d for daily. Activity: S. Survey: Observer data; Activity: S. Survey: Observer data; BirdTrack. Activity: S	D0062/008/01 , D1297/025/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	NA, PC
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ2351	16 records, between 04/05/2002 and 19/06/2020	Julie Chicken; Julie Rogers; Trevor Britton; Barry Lynes; Mike Radcliffe; Bob Lane; John Lawton Roberts; Trevor B Taylor; Mr T Taylor; Mr Shaun Nield; Mrs Marina Thomas	1; 2; 3; 1+ Male	Reported to recorder	Pendinas, Reservoir	Roving record. Survey: Observer data; Survey: Observer data; calling. Survey: Observer data; Activity: S. Survey: Observer data	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01 , D1297/042/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	NA, PC, UA
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ2453	2 records, between 20/04/2009 and 07/05/2017	Julie Chicken; Steven Davies	1	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	NA, PC

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<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ2353	2 records, between 15/05/2004 and 28/05/2012	David Richardson; Steven Davies	1	Reported to recorder	Llandegla, Moor, NE	Survey: Observer data; BirdTrack. Activity: S	D0062/008/01 , D1297/025/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	NA, PC
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ2551	9 records, between 09/05/2002 and 20/06/2020	John Lawton Roberts; Steven Davies; N Duggan; Mr James Hughes; Mr Justin Williams; Mr Steven Davies; Mr David Prince	1 Male; 1; 2	Reported to recorder	Ruabon Mountain, Esclusham Mountain, N	Activity: S. Survey: Observer data; BirdTrack. Activity: S; BirdTrack; Bird Track; Breeding activity: Singing male; Breeding status: P	D0062/008/01 , D1297/025/01 , D0062/010/01 , D1297/026/01 , D1297/039/01 , D1297/042/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	NA, PC, UA
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ2152	2 records, between May 2009 and 04/05/2013	Tim Ross; Steven Davies	2 Male; 1	Reported to recorder	Moel Garegog	Continuous singing. Activity: S. Survey: Observer data; BirdTrack. Activity: S	D0062/008/01 , D1297/025/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	NA, PC
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ2352	19/05/2018	John Finnan			Llandegla Forest, NE		D1297/025/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ2250	2 records, between 21/05/2006 and 24/05/2010	Henry RA Cook; Glenn E Morris	2; 1		Llandegla Forest, S	Birdtrack; Birdtrack.: Activity: H	D1297/025/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ2452	08/06/2018	Kevin J Smith	2		Gwynfryn, W		D1297/025/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ2454	25/06/2009	Steven Davies	1		Rhydtalog, E	Birdtrack. Activity: H	D1297/025/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ2254	2 records, between 13/06/2012 and 06/08/2016	Ray Eades; Steven Davies	2; 1		Rhydtalog, W	Birdtrack. on roadside fence , display , great view .Pipit mobbed them. Activity: P; BirdTrack	D1297/025/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ2550	5 records, between 25/05/2014 and 02/05/2019	Zac Hinchcliffe; Kevin J Smith; Emma Broad; Mr J F Jones	1		Ruabon Mountain, Esclusham Mountain	BirdTrack	D1297/025/01 , D1297/026/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ2552	2 records, between 01/06/1991 and 30/05/2019	Dr Anne Brenchley; Dr David Emley	1		SJ2552 Minera Quarry NR	Breeding status: S	D1297/026/01 , D1297/042/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC, UA

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<i>Diarsia rubi</i> (Small Square-spot / Smotyn Sgwar Bach)	SJ241523	20/06/2012	M.Bellingham, H. Davies, H. John	1 Adult		Llandegla Forest (near car park)	22:00 - 01:30. Habitat: Forest. Method: 125W MV Skinner	D1285/001/03	BAP, LBAP-G, S7	NA
<i>Diarsia rubi</i> (Small Square-spot / Smotyn Sgwar Bach)	SJ253522	03/07/2019	A.N. & J.E.Graham	1 Adult		Eisteddfod Farm, Gwynfryn	Method: Rob-MV-125W	D1991/001/01	BAP, LBAP-G, S7	NA
<i>Ecliptopera silaceata</i> (Small Phoenix / Ffenics Bach)	SJ241523	5 records, between 06/06/2012 and 09/09/2012	M.Bellingham, H. Davies, H. John; M.Bellingham, H. Davies	4 Adult; 3 Adult; 1 Adult		Llandegla Forest (near car park)	22:00 - 02:15. Habitat: Forest. Method: 125W MV Skinner; 22:00 - 01:30. Habitat: Forest. Method: 125W MV Skinner	D1285/001/03	BAP, LBAP-G, S7	NA
<i>Ecliptopera silaceata</i> (Small Phoenix / Ffenics Bach)	SJ257520	5 records, all on 10/05/2016	A.N. & J.E.Graham	1 Adult		Eisteddfod Farm	Method: By day; Method: Daytime observation; Method: by day	D1285/001/03 , D1991/001/01	BAP, LBAP-G, S7	NA
<i>Emberiza citrinella</i> (Yellowhammer / Bras Melyn)	SJ2351	03/05/2008	Julie Rogers	1	Reported to recorder	Pendinas, Reservoir	Survey: Observer data	D0062/008/01	BAP, Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7, UKBR, WBR	NA
<i>Emberiza schoeniclus</i> (Reed Bunting / Bras y Cyrs)	SJ2453	34 records, between 11/08/2004 and 27/12/2020	Julie Chicken; Steven Davies; Mr Steven Davies	1; 4; 1 Male; 2; 4 Female 2 Male 2; 3	Reported to recorder	Nant-y-Ffrith Reservoir	timed tetrad visit in SJ25L. Survey: Observer data; Survey: Observer data; Birdtrack; Birdtrack. Activity: H; Birdtrack. Activity: S; Birdtrack.. Activity: H; BirdTrack; BirdTrack. Activity: T; BirdTrack. Activity: H; BirdTrack. Activity: P	D0062/008/01 , D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01	BAP, Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBA, WBA	NA, PC, UA
<i>Emberiza schoeniclus</i> (Reed Bunting / Bras y Cyrs)	SJ2551	2 records, between 25/02/2009 and 16/07/2020	Julie Chicken; Mr James Hughes	1	Reported to recorder	Ruabon Mountain, Esclusham Mountain, N	Survey: Observer data	D0062/008/01 , D1297/039/01	BAP, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBA, WBA	NA, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Emberiza schoeniclus</i> (Reed Bunting / Bras y Cyrs)	SJ2550	13 records, between 10/04/2009 and 03/08/2020	Kevin J Smith; John Lawton Roberts; Zac Hinchcliffe; JK Ogden; Mark T Breaks; Mr Mark Breaks; Mr J Jones; Mr James Hughes	1; 1 Female; 3 Male; 3; 4; 2	Reported to recorder	Ruabon Mountain, Esclusham Mountain	Survey: Observer data; Activity: S. Survey: Observer data; BirdTrack; Bird Track	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	BAP, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBA, WBA	NA, PC, UA
<i>Emberiza schoeniclus</i> (Reed Bunting / Bras y Cyrs)	SJ2451	05/05/2012	Ros Lane	1	Reported to recorder	Gwynfryn, SW	Survey: Observer data	D0062/008/01	BAP, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBA, WBA	NA
<i>Emberiza schoeniclus</i> (Reed Bunting / Bras y Cyrs)	SJ2351	4 records, between 10/05/2006 and 28/02/2011	Julie Rogers; Steven Davies	1 Male; 1	Reported to recorder	Pendinas, Reservoir	singing. Survey: Observer data; Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	BAP, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBA, WBA	NA, PC
<i>Emberiza schoeniclus</i> (Reed Bunting / Bras y Cyrs)	SJ2251	21/06/2017	Norma Williams			Llandegla Forest	BirdTrack	D1297/025/01	BAP, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBA, WBA	PC
<i>Emberiza schoeniclus</i> (Reed Bunting / Bras y Cyrs)	SJ2250	2 records, between 11/01/2017 and 07/02/2017	Neil Hughes	1		Llandegla Forest, S	BirdTrack	D1297/025/01	BAP, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBA, WBA	PC
<i>Emberiza schoeniclus</i> (Reed Bunting / Bras y Cyrs)	SJ2253	28/05/2012	Steven Davies	1		Moel Garegog, NE	BirdTrack. Activity: H	D1297/025/01	BAP, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBA, WBA	PC
<i>Emberiza schoeniclus</i> (Reed Bunting / Bras y Cyrs)	SJ2254	27/04/2013	Steven Davies	1		Rhydtalog, W	BirdTrack	D1297/025/01	BAP, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBA, WBA	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Emberiza schoeniclus</i> (Reed Bunting / Bras y Cyrs)	SJ2350	30/01/2006	Anthony John Roberts	1		Ruabon Mountain, Esclusham Mountain, far W	Birdtrack	D1297/025/01	BAP, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBA, WBA	PC
<i>Emberiza schoeniclus</i> (Reed Bunting / Bras y Cyrs)	SJ2450	2 records, between 25/05/2013 and 22/03/2015	Steven Davies; Tony G Jackson	1; 2		Ruabon Mountain, Esclusham Mountain, W	BirdTrack; Bird Track	D1297/025/01	BAP, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBA, WBA	PC
<i>Entephria caesiata</i> (Grey Mountain Carpet / Brychan Llwyd y Mynydd)	SJ252510	4 records, between 24/07/1972 and 09/08/1981	M.Newstead; M.H.Grice	2 Adult; 1 Adult		Minera moor	Habitat: Grassland: acid. Method: Netted; Habitat: Grassland: marshy, upland. Method: Netted	D1285/001/03	BAP, LBAP-G, S7	NA
<i>Entephria caesiata</i> (Grey Mountain Carpet / Brychan Llwyd y Mynydd)	SJ2550	03/09/1989	I.D.Wallace	Adult		Esclusham Mountain		D1285/001/03	BAP, LBAP-G, S7	NA
<i>Epirrhoe galiata</i> (Galium Carpet / Brychan y Friwydd)	SJ257520	17/07/2018	A.N. & J.E.Graham	1 Adult		Eisteddfod Farm, Gwynfryn	Method: Rob- 125W-MV plus two actinics	D1991/001/01	BAP, LBAP-G, S7	NA
<i>Erinaceus europaeus</i> (Hedgehog / Draenog)	SJ253528 (Selected from Interactive Map)	28/05/2012	Lizzy Webster	1	Dead on road	Nr Moors Inn		D1383/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7	PC
<i>Erinaceus europaeus</i> (Hedgehog / Draenog)	SJ2354	06/06/1969	Saunders, D.			Rhydtalog		D1072/001/02	BAP, Bern3, LBAP-A, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Erinaceus europaeus</i> (Hedgehog / Draenog)	SJ221530	13/06/2018	Anon - PTES Volunteer		Live Sighting	Unnamed Road		D1688/004/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7	NA
<i>Erinaceus europaeus</i> (Hedgehog / Draenog)	SJ252523	02/09/2019	Anon - PTES Volunteer		Live Sighting	Ruabon		D1688/004/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7	NA
<i>Erynnis tages</i> (Dingy Skipper / Gwibiwr Llwyd)	SJ257518 (Estimated (Centroid of Site))	4 records, between 26/05/1992 and 28/05/2018	Rob W Whitehead; R.W.Whitehead; Andrew & Janet Graham; Mick Brummage	2; 2+; 1 Adult		Nr Gwynfryn	Breeding: No. Mature: Yes. Record type: Field record / observation	D0127/001/02 , D1858/001/02 , D1373/001/05	BAP, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7	NA
<i>Erynnis tages</i> (Dingy Skipper / Gwibiwr Llwyd)	SJ252522 (Estimated (Centroid of Site))	11 records, between 01/06/1998 and 17/05/2016	Bryan Formstone; J.B.Formstone; J.L.Roberts; R.W.Whitehead; Rob W Whitehead; Andrew & Janet Graham; Tom Knight	2; 1; 6; 4; 5; 7; 1 Adult	Field record	Minera Quarry, Gwynfryn	Breeding: No. Habitat: Quarry: disused. Mature: Yes. Record type: Field record / observation; Quarry: disused	D0127/001/02 , D1858/001/02 , D1373/001/05	BAP, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7	NA
<i>Erynnis tages</i> (Dingy Skipper / Gwibiwr Llwyd)	SJ254523 (Estimated (Centroid of Site))	3 records, between 12/07/1999 and 19/06/2002	Ian R. Wynne; R.W.Whitehead	1		Gwynfryn	adjacent to disused quarry. Breeding: No. Mature: Yes. Record type: Field record / observation	D0127/001/02 , D1858/001/02	BAP, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7	NA
<i>Erynnis tages</i> (Dingy Skipper / Gwibiwr Llwyd)	SJ2572252011 (GPS Reading)	28/05/2018	Mick Brummage	1 Adult	Live Sighting	Minera Quarry		D1117/001/01	BAP, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7	PC
<i>Erynnis tages</i> (Dingy Skipper / Gwibiwr Llwyd)	SJ250520	21/05/2012	Andrew & Janet Graham	1		Minera Quarry	CORINE: 891D	D1858/001/02	BAP, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7	NA
<i>Erynnis tages</i> (Dingy Skipper / Gwibiwr Llwyd)	SJ250522	07/06/2016	Andrew & Janet Graham	1		Minera Quarry		D1858/001/02	BAP, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Erynnis tages</i> (Dingy Skipper / Gwibiwr Llwyd)	SJ253522	2 records, between 05/05/2017 and 22/05/2019	Andrew & Janet Graham	2+		Eisteddfod Farm, Gwynfryn		D1858/001/02	BAP, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7	NA
<i>Erynnis tages</i> (Dingy Skipper / Gwibiwr Llwyd)	SJ253521	21/05/2017	Andrew & Janet Graham	5+		Eisteddfod Farm, Gwynfryn		D1858/001/02	BAP, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7	NA
<i>Erynnis tages</i> (Dingy Skipper / Gwibiwr Llwyd)	SJ249526	2 records, between 02/06/2018 and 28/05/2020	A.N.Graham;H.Ba ntock; A.N. & J.E.Graham	1; 2-9		Eisteddfod Farm, Gwynfryn		D1858/001/02 , D1858/003/01	BAP, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7	NA
<i>Erynnis tages</i> (Dingy Skipper / Gwibiwr Llwyd)	SJ253525	21/06/2019	Andrew & Janet Graham	2		Eisteddfod Farm, Gwynfryn		D1858/001/02	BAP, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7	NA
<i>Erynnis tages</i> (Dingy Skipper / Gwibiwr Llwyd)	SJ246516	22/05/2010	John Lawton Roberts	3 Adult		Minera Quarry		D1373/001/05	BAP, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7	NA
<i>Erynnis tages</i> (Dingy Skipper / Gwibiwr Llwyd)	SJ250524	3 records, between 07/05/2017 and 02/06/2018	A.N. & J.E. Graham; A.N. Graham	3 Adult; 1 Adult		Minera Quarry, Eisteddfod Farm	Quarry: disused	D1373/001/05	BAP, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7	NA
<i>Erynnis tages</i> (Dingy Skipper / Gwibiwr Llwyd)	SJ2552	20/05/2020	A.N. & J.E.Graham	10+		Eisteddfod Farm, Gwynfryn	All over the place. A large number in this and adjacent monads	D1858/003/01	BAP, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7	NA
<i>Erynnis tages</i> (Dingy Skipper / Gwibiwr Llwyd)	SJ253518 (Selected from Interactive Map)	12/06/2021	Steven Davies	3 Adult		Minera Quarry		D1117/001/01	BAP, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7	PC
<i>Falco columbarius</i> (Merlin / Cudyll Bach)	SJ25 (Selected from Interactive Map)	04/04/2015	Paul Martin	1 Adult Female		-Withheld-	-Withheld-	D1117/001/01	BDir1, Bern2, Bonn2, CITES-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-DD, RL-EN, UKBR, WBA, WCA1.1	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Falco columbarius</i> (Merlin / Cudyll Bach)	SJ25	05/07/1999	Ian M Spence	4		-Withheld-	-Withheld-	D1509/002/01	BDir1, Bern2, Bonn2, CITES-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-DD, RL-EN, UKBR, WBA, WCA1.1	NA
<i>Falco columbarius</i> (Merlin / Cudyll Bach)	SJ25	2 records, between 02/04/2006 and 13/04/2012	Julie Rogers; Julie Chicken	1	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01	BDir1, Bern2, Bonn2, CITES-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-DD, RL-EN, UKBR, WBA, WCA1.1	NA
<i>Falco columbarius</i> (Merlin / Cudyll Bach)	SJ25	15/04/2012	Julie Chicken	1	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01	BDir1, Bern2, Bonn2, CITES-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-DD, RL-EN, UKBR, WBA, WCA1.1	NA
<i>Falco columbarius</i> (Merlin / Cudyll Bach)	SJ25	12/07/2004	Steven Davies	1 Male	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01	BDir1, Bern2, Bonn2, CITES-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-DD, RL-EN, UKBR, WBA, WCA1.1	NA
<i>Falco columbarius</i> (Merlin / Cudyll Bach)	SJ25	6 records, between 07/05/2007 and 02/09/2017	Julie Rogers; John Lawton Roberts; Steven Davies; Anon; Kenny D Hall	1 Male; 1; 2	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01 , D1297/025/01	BDir1, Bern2, Bonn2, CITES-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-DD, RL-EN, UKBR, WBA, WCA1.1	NA, PC
<i>Falco columbarius</i> (Merlin / Cudyll Bach)	SJ25	June 2009	Tim Ross	1 Male	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01	BDir1, Bern2, Bonn2, CITES-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-DD, RL-EN, UKBR, WBA, WCA1.1	NA
<i>Falco columbarius</i> (Merlin / Cudyll Bach)	SJ25	12/07/2017	Norma Williams			-Withheld-	-Withheld-	D1297/025/01	BDir1, Bern2, Bonn2, CITES-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-DD, RL-EN, UKBR, WBA, WCA1.1	PC
<i>Falco columbarius</i> (Merlin / Cudyll Bach)	SJ25	3 records, between 31/07/2018 and 04/01/2020	Jim Shrimpton; Mr James Shrimpton	1		-Withheld-	-Withheld-	D1297/025/01 , D1297/039/01 , D1297/040/01	BDir1, Bern2, Bonn2, CITES-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-DD, RL-EN, UKBR, WBA, WCA1.1	PC, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Falco columbarius</i> (Merlin / Cudyll Bach)	SJ25	31/05/2011	Norman Hallas	1		-Withheld-	-Withheld-	D1297/025/01	BDir1, Bern2, Bonn2, CITES-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-DD, RL-EN, UKBR, WBA, WCA1.1	PC
<i>Falco columbarius</i> (Merlin / Cudyll Bach)	SJ25	25/03/2016	Rob Swift	1		-Withheld-	-Withheld-	D1297/025/01	BDir1, Bern2, Bonn2, CITES-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-DD, RL-EN, UKBR, WBA, WCA1.1	PC
<i>Falco peregrinus</i> (Peregrine / Hebog Tramor)	SJ25	4 records, between 17/03/2006 and 23/08/2012	Julie Rogers; David Richardson; Steven Davies	1; 1 Female	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01 , D1297/025/01	BDir1, Bern2, Bonn2, CITES-A, GBNNSIP, LBAP-A, LBAP-C, LBAP-G, WCA1.1	NA, PC
<i>Falco peregrinus</i> (Peregrine / Hebog Tramor)	SJ25	4 records, between 21/03/2008 and 19/04/2008	Dermot J Smith	1 Female; 1 Male; 1; 2	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01 , D1297/025/01	BDir1, Bern2, Bonn2, CITES-A, GBNNSIP, LBAP-A, LBAP-C, LBAP-G, WCA1.1	NA, PC
<i>Falco peregrinus</i> (Peregrine / Hebog Tramor)	SJ25	4 records, between 20/05/2009 and 05/08/2016	Julie Chicken; Steven Davies; Neil Hughes	1 Male; 1; 2	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01 , D1297/025/01	BDir1, Bern2, Bonn2, CITES-A, GBNNSIP, LBAP-A, LBAP-C, LBAP-G, WCA1.1	NA, PC
<i>Falco peregrinus</i> (Peregrine / Hebog Tramor)	SJ25	16/04/2017	Norma Williams			-Withheld-	-Withheld-	D1297/025/01	BDir1, Bern2, Bonn2, CITES-A, GBNNSIP, LBAP-A, LBAP-C, LBAP-G, WCA1.1	PC
<i>Falco peregrinus</i> (Peregrine / Hebog Tramor)	SJ25	19/05/2018	John Finnan			-Withheld-	-Withheld-	D1297/025/01	BDir1, Bern2, Bonn2, CITES-A, GBNNSIP, LBAP-A, LBAP-C, LBAP-G, WCA1.1	PC
<i>Falco peregrinus</i> (Peregrine / Hebog Tramor)	SJ25	26/12/2016	Steven Davies	1		-Withheld-	-Withheld-	D1297/025/01	BDir1, Bern2, Bonn2, CITES-A, GBNNSIP, LBAP-A, LBAP-C, LBAP-G, WCA1.1	PC
<i>Falco peregrinus</i> (Peregrine / Hebog Tramor)	SJ25	6 records, between 08/01/2016 and 03/08/2020	Duncan Halpin; John F Jones; Kevin J Smith; Mr J Jones	1		-Withheld-	-Withheld-	D1297/025/01 , D1297/039/01	BDir1, Bern2, Bonn2, CITES-A, GBNNSIP, LBAP-A, LBAP-C, LBAP-G, WCA1.1	PC, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Falco peregrinus</i> (Peregrine / Hebog Tramor)	SJ25	05/04/2014	Rob Swift	1		-Withheld-	-Withheld-	D1297/025/01	BDir1, Bern2, Bonn2, CITES-A, GBNNSIP, LBAP- A, LBAP-C, LBAP-G, WCA1.1	PC
<i>Falco subbuteo</i> (Hobby / Hebog yr Ehedydd)	SJ25 (Selected from Interactive Map)	01/04/2015	Paul Martin	1 Adult Male		-Withheld-	-Withheld-	D1117/001/01	Bern2, Bonn2, CITES-A, LBAP- C, LBAP-G, WBA, WCA1.1	PC
<i>Falco subbuteo</i> (Hobby / Hebog yr Ehedydd)	SJ25	08/09/2015	Martin G Williams	1	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01	Bern2, Bonn2, CITES-A, LBAP- C, LBAP-G, WBA, WCA1.1	NA
<i>Falco subbuteo</i> (Hobby / Hebog yr Ehedydd)	SJ25	2 records, between 27/06/2011 and 05/05/2012	Steven Davies	1; 2		-Withheld-	-Withheld-	D1297/025/01	Bern2, Bonn2, CITES-A, LBAP- C, LBAP-G, WBA, WCA1.1	PC
<i>Falco subbuteo</i> (Hobby / Hebog yr Ehedydd)	SJ25 (Approximate)	2 records, both on 27/05/2020	Mr James Shrimpton	1		-Withheld-	-Withheld-	D1297/039/01 , D1297/040/01	Bern2, Bonn2, CITES-A, LBAP- C, LBAP-G, WBA, WCA1.1	UA
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ250530 (Selected from Interactive Map)	12/10/2011	Lizzy Webster	1 Adult	Live Sighting	Moors Inn		D1117/001/01	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)	SJ249530 (Selected from Interactive Map)	2 records, between 23/01/2012 and 04/01/2013	Lizzy Webster	1 Adult; 1	Live Sighting	A525 nr Moors Inn	Hunting over field	D1117/001/01	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)	SJ249531 (Selected from Interactive Map)	10/12/2012	Lizzy Webster	1		Close to Moors Inn	Kestrel hunting next to road in rough field.	D1117/001/01	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)	SJ244515 (Estimated (From Recorder's Map))	23/04/2013	Chris Mellenchip; Richard May	1 Male	Live Sighting	LMZ: Ruabon 06	Flying over	D1448/002/01	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)	SJ224538 (Selected from Interactive Map)	08/07/2016	Tom Knight	1 Male		Moel Garregog	Hunting	D1748/001/01	Bern2, Bonn2, CITES-A, LBAP- A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBA, WBR	PC

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)	SJ22975094 (Approximate)	16/03/2018	Tom Knight	1 Male		Llandegla Forest		D1748/001/01	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)	SJ2454	4 records, between 12/06/2007 and 14/10/2015	Ian M Spence; Jim Hulse; Steven Davies	3; 1; 3 Nestling	Reported to recorder	Near Rhydtalog	Ringling records.; Survey: Observer data; Ringed. Survey: Ringing data; Birdtrack. Activity: H	D1509/002/01 , D0062/008/01 , D2012/002/01 , D1297/025/01	Bern2, Bonn2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBA, WBR	NA, PC
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ239528 (Selected from Interactive Map)	12/04/2019	Thomas Hiles	1		Nant Y Ffirth Reservoir		D1117/001/01	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)	SJ2351	13 records, between 13/04/2007 and 21/07/2020	Julie Chicken; Julie Rogers; Trevor Britton; Bob Lane; Steven Davies; David Keeling; Ray Eades; Shelagh A Halsey; Heather Cartwright; Mrs Heather Cartwright; Mr Shaun Nield	1	Reported to recorder	Pendinas, Reservoir	Roving record. Survey: Observer data; RR. Survey: Observer data; Survey: Observer data; BirdTrack; BirdTrack. Activity: H	D0062/008/01 , D1297/025/01 , D1297/039/01	Bern2, Bonn2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBA, WBR	NA, PC, UA
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ2453	56 records, between 17/05/2005 and 25/10/2020	Julie Chicken; Kevin J Smith; Steven Davies; John Rushton; Mr Steven Davies	1; 2; 3	Reported to recorder	Nant-y-Ffirth Reservoir	RR. Survey: Observer data; Survey: Observer data; Roving record. Survey: Observer data; timed tetrad visit in SJ25L. Survey: Observer data; Birdtrack; Birdtrack. Activity: H; Birdtrack.: Activity: H; Birdtrack.; BirdTrack; BirdTrack. Activity: H; BirdTrack. Activity: P	D0062/008/01 , D1297/025/01 , D1297/027/01 , 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	NA, PC, UA

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)	SJ2550	16 records, between 14/07/2011 and 03/08/2020	Jim Hulse; Steven Davies; John F Jones; DV Avis; Heather Cartwright; Kenny D Hall; Kevin J Smith; Neil Hughes; Jim Shrimpton; Mike Wakeman; Mr J F Jones; Mr J Jones; Mr James Hughes	1; 2; 4	Reported to recorder	Ruabon Mountain, Esclusham Mountain	sj25209/5050287. Survey: Observer data; BirdTrack; Bird Track	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	Bern2, Bonn2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBA, WBR	NA, PC, UA
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ2551	12 records, between 12/12/2008 and 15/08/2020	Julie Chicken; Jim Hulse; Martin G Williams; Norman Hallas; Steven Davies; Mr Steven Davies	1; 1 Male; 2	Reported to recorder	Ruabon Mountain, Esclusham Mountain, N	TTV. Survey: Observer data; Survey: Observer data; Birdtrack; BirdTrack; BirdTrack. Hovering over several areas of moorland	D0062/008/01 , D1297/025/01 , D1297/039/01	Bern2, Bonn2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBA, WBR	NA, PC, UA
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ2451	05/05/2012	Ros Lane	1	Reported to recorder	Gwynfryn, SW	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>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ2500950881	19/05/2013	Jim Hulse	2	Reported to recorder	Ruabon Mountain, Esclusham Mountain	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>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ2552	6 records, between 01/06/2004 and 29/07/2019	Norman Hallas; Steven Davies; Mrs Heather Cartwright	1 Female; 1 Male; 1	Reported to recorder	Gwynfryn	Survey: Observer data; Birdtrack. Activity: H; BirdTrack. Activity: H; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/026/01	Bern2, Bonn2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBA, WBR	NA, PC
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ2353	2 records, between 15/05/2004 and 25/06/2011	David Richardson; Tim Ross	1 Male; 1	Reported to recorder	Llandegla, Moor, NE	Survey: Observer data; Activity: A. 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>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ2253	2 records, between 23/04/2009 and 04/05/2013	Tim Ross; Steven Davies	1 Male; 1	Reported to recorder	Moel Garegog, NE	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	Bern2, Bonn2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBA, WBR	NA, PC

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)	SJ2553	09/07/2014	Lizzy Webster	1		Bwlchgwyn, W	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)	SJ2251	2 records, between 30/04/2017 and 15/06/2017	Norma Williams			Llandegla Forest	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)	SJ2352	19/04/2008	Dermot J Smith	2		Llandegla Forest, NE	Birdtrack. Activity: P	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)	SJ2250	11/10/2016	Samuel El Jones	2		Llandegla Forest, S	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)	SJ2252	28/02/2011	Steven Davies	1		Llandegla, Moel Garegog, E	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)	SJ2452	29/06/2014	Steven Davies	1		Gwynfryn, W	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)	SJ2153	25/01/2008	Ellyn Pugh	1		Moel Garegog, N	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)	SJ2354	2 records, between 18/07/2011 and 28/05/2012	Steven Davies	1		Rhydtalog	BirdTrack; BirdTrack. Activity: H	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)	SJ2254	27/04/2013	Steven Davies	1		Rhydtalog, W	BirdTrack	D1297/025/01	Bern2, Bonn2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBA, WBR	PC

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)	SJ2350	2 records, between 20/11/2005 and 27/07/2013	Anthony John Roberts; Steven Davies	1		Ruabon Mountain, Esclusham Mountain, far W	Between: 10:00-10:00. Saw a single male several tyimes throughout the day.; 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)	SJ2450	3 records, between 25/05/2013 and 07/07/2016	MJ Wheeler; Ifor Jones; Rob Swift	1; 2		Ruabon Mountain, Esclusham Mountain, W	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)	SJ2151	17/05/2010	Steven Davies	2		Tafarn-y-garth	Birdtrack.: Activity: P	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)	SJ240528 (Selected from Interactive Map)	04/12/2020	Thomas Hiles	1		Nant y Ffrith	08.20am	D1117/001/01	Bern2, Bonn2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBA, WBR	UA
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ242529 (Selected from Interactive Map)	02/03/2021	Thomas Hiles	1		Nant y Ffrith		D1117/001/01	Bern2, Bonn2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBA, WBR	UA
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ233526 (Selected from Interactive Map)	24/05/2021	Thomas Hiles	1		Nant y Ffrith		D1117/001/01	Bern2, Bonn2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBA, WBR	UA
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ25075308 (Selected from Interactive Map)	01/03/2022	Thomas Hiles	1		The Moors Inn	Perched on phone lines	D1117/001/01	Bern2, Bonn2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBA, WBR	UA
<i>Ficedula hypoleuca</i> (Pied Flycatcher / Gwybedog Brith)	SJ250507	30/04/2016	Mr N French	1		Worlds End 1		D1297/021/01	Bonn2, LBAP-C, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	PC
<i>Ficedula hypoleuca</i> (Pied Flycatcher / Gwybedog Brith)	SJ2553	06/08/2004	Steven Davies	1	Reported to recorder	Bwlchgwyn, W	Survey: Observer data	D0062/008/01	Bonn2, LBAP-C, LBAP-G, LBAP-S, 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>Ficedula hypoleuca</i> (Pied Flycatcher / Gwybedog Brith)	SJ2453	22/07/2017	Steven Davies	1		Nant-y-Ffrith Reservoir	BirdTrack	D1297/025/01	Bonn2, LBAP-C, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	PC
<i>Ficedula hypoleuca</i> (Pied Flycatcher / Gwybedog Brith)	SJ2550	02/05/2019	Mr J F Jones	8		Esclusham mountains	Breeding status: S	D1297/026/01	Bonn2, LBAP-C, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	PC
<i>Fringilla montifringilla</i> (Brambling / Pinc y Mynydd)	SJ2552	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656-BGBW2009-16440297-105743993	D1852/002/01	LBAP-C, WCA1.1	PC
<i>Fringilla montifringilla</i> (Brambling / Pinc y Mynydd)	SJ2453	2 records, between 06/03/2011 and 13/04/2014	Steven Davies	1	Reported to recorder	Nant-y-Ffrith Reservoir	Flying SE. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	LBAP-C, WCA1.1	NA, PC
<i>Fringilla montifringilla</i> (Brambling / Pinc y Mynydd)	SJ2251	07/04/2007	Julie Chicken	1	Reported to recorder	Llandegla Forest	Survey: Observer data	D0062/008/01	LBAP-C, WCA1.1	NA
<i>Fringilla montifringilla</i> (Brambling / Pinc y Mynydd)	SJ2351	13/04/2012	Julie Chicken	1	Reported to recorder	Pendinas, Reservoir	Survey: Observer data	D0062/008/01	LBAP-C, WCA1.1	NA
<i>Fringilla montifringilla</i> (Brambling / Pinc y Mynydd)	SJ2350	09/04/2011	Robin Sandham	600+	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	an amazing number/spectacle on east side of forest. Survey: Observer data	D0062/008/01	LBAP-C, WCA1.1	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Fringilla montifringilla</i> (Brambling / Pinc y Mynydd)	SJ2452	22/03/2018	Anne Brenchley			Gwynfryn, W		D1297/025/01	LBAP-C, WCA1.1	PC
<i>Fringilla montifringilla</i> (Brambling / Pinc y Mynydd)	SJ2253	09/04/2011	Anon	600		Moel Garegog, NE	BirdTrack	D1297/025/01	LBAP-C, WCA1.1	PC
<i>Fringilla montifringilla</i> (Brambling / Pinc y Mynydd)	SJ2550	03/04/2015	John F Jones	2		Ruabon Mountain, Esclusham Mountain	Bird Track	D1297/025/01	LBAP-C, WCA1.1	PC
<i>Fringilla montifringilla</i> (Brambling / Pinc y Mynydd)	SJ2450	22/03/2015	Tony G Jackson	1		Ruabon Mountain, Esclusham Mountain, W	Bird Track	D1297/025/01	LBAP-C, WCA1.1	PC
<i>Hepialus humuli</i> (Ghost Moth / Chwimwyfyn Rhithiol)	SJ251525	02/07/2017	A.N. & J.E.Graham	1 Adult f		Eisteddfod Farm, Gwynfryn, The Arc	Method: Rob-MV-125W	D1991/001/01	BAP, LBAP-G, S7	NA
<i>Hepialus humuli</i> (Ghost Moth / Chwimwyfyn Rhithiol)	SJ254525	18/07/2017	A.N. & J.E.Graham	1 Adult m		Eisteddfod Farm, Gwynfryn	Method: dead	D1991/001/01	BAP, LBAP-G, S7	NA
<i>Hipparchia semele</i> (Grayling / Gweirlöyn Llwyd)	SJ254523 (Estimated Centroid of Site)	2 records, both on 16/08/1988	Rob W Whitehead; R.W.Whitehead	2		Gwynfryn	adjacent to disused quarry. Breeding: No. Mature: Yes. Record type: Field record / observation	D0127/001/02 , D1858/001/02	BAP, LBAP-G, RL-VU, S7	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Hipparchia semele</i> (Grayling / Gweirlöyn Llwyd)	SJ249521	2 records, between 02/08/2019 and 25/08/2019	Ashley Evans	1		Minera Quarry S4	Grid reference type: Estimated (centroid of transect section)	D1924/001/01	BAP, LBAP-G, RL-VU, S7	NA
<i>Hipparchia semele</i> (Grayling / Gweirlöyn Llwyd)	SJ252522	3 records, between 05/08/2001 and 08/08/2012	R.W.Whitehead; Andrew & Janet Graham	9; 16; 8 Adult		Gwynfryn - Quarry rim	Quarry: disused	D1858/001/02 , D1373/001/05	BAP, LBAP-G, RL-VU, S7	NA
<i>Hipparchia semele</i> (Grayling / Gweirlöyn Llwyd)	SJ2552	08/08/2012	Andrew & Janet Graham	2 to 9		Minera Quarry	CORINE: 891	D1858/001/02	BAP, LBAP-G, RL-VU, S7	NA
<i>Hipparchia semele</i> (Grayling / Gweirlöyn Llwyd)	SJ253522	22/07/2017	Andrew & Janet Graham	1		Eisteddfod Farm, Gwynfryn		D1858/001/02	BAP, LBAP-G, RL-VU, S7	NA
<i>Hipparchia semele</i> (Grayling / Gweirlöyn Llwyd)	SJ250519	02/07/2018	Andrew & Janet Graham	2		Minera Quarry		D1858/001/02	BAP, LBAP-G, RL-VU, S7	NA
<i>Hipparchia semele</i> (Grayling / Gweirlöyn Llwyd)	SJ250522	02/07/2018	A.N & J.E. Graham	2 Adult		Minera Quarry	Quarry: disused	D1373/001/05	BAP, LBAP-G, RL-VU, S7	NA
<i>Hipparchia semele</i> (Grayling / Gweirlöyn Llwyd)	SJ250524	22/07/2017	A.N. & J.E. Graham	1 Adult		Minera Quarry, Eisteddfod Farm	Quarry: disused	D1373/001/05	BAP, LBAP-G, RL-VU, S7	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Hipparchia semele</i> (Grayling / Gweirlöyn Llwyd)	SJ25195217 (Supplied by Original Recorder)	18/08/2020	Steve Andrews	1 Adult	Live Sighting	Minera Quarry	Photo provided	D1958/001/01	BAP, LBAP-G, RL-VU, S7	KC
<i>Hyacinthoides non-scripta</i> (Bluebell)	SJ2153	31/07/2016	Jonathan Shanklin			Gwernol		D1587/009/01	LBAP-A, LBAP-C, LBAP-F, LBAP-S, LBAP-T, WCA8	PC
<i>Hyacinthoides non-scripta</i> (Bluebell)	SJ2351	26/05/2016	Stead, M.O.			Llandegla Forest		D1169/004/02	LBAP-A, LBAP-C, LBAP-F, LBAP-S, LBAP-T, WCA8	NA
<i>Hyacinthoides non-scripta</i> (Bluebell)	SJ2252	25/04/2011	Shanklin, J.			Casgan Dittw		D1169/004/02	LBAP-A, LBAP-C, LBAP-F, LBAP-S, LBAP-T, WCA8	NA
<i>Hydraecia micacea</i> (Rosy Rustic / Gwladwr Gwridog)	SJ2450	25/09/2011	I.D.Wallace	Adult		Minera Mountain		D1285/001/03	BAP, LBAP-G, S7	NA
<i>Lagopus lagopus</i> (Red Grouse / Grugiar Goch)	SJ246512 (Estimated (From Recorder's Map))	23/04/2013	Chris Mellenchip; Richard May	1	Live Sighting	LMZ: Ruabon 06	Calling	D1448/002/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7, UKBA, WBR	NA
<i>Lagopus lagopus</i> (Red Grouse / Grugiar Goch)	SJ235503 (Estimated (Centroid of Site))	23/04/2013	Glyn Williams	Lots	Live Sighting	LMZ: Ruabon 08		D1448/002/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7, UKBA, WBR	NA
<i>Lagopus lagopus</i> (Red Grouse / Grugiar Goch)	SJ253510 (Selected from Interactive Map)	11/03/2014	Ieuan Bryn	3	Live Sighting	Mynydd Esclusham		D1117/001/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7, UKBA, WBR	PC
<i>Lagopus lagopus</i> (Red Grouse / Grugiar Goch)	SJ243507 (Estimated (From Recorder's Map))	25/04/2014	Chris Mellenchip	1 Adult	Live Sighting	LMZ: Ruabon 06		D1448/002/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7, UKBA, WBR	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Lagopus lagopus</i> (Red Grouse / Grugiar Goch)	SJ249510 (Estimated (From Recorder's Map))	25/04/2014	Chris Mellenchip	1 Adult	Live Sighting	LMZ: Ruabon 06		D1448/002/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7, UKBA, WBR	NA
<i>Lagopus lagopus</i> (Red Grouse / Grugiar Goch)	SJ251508 (Estimated (From Recorder's Map))	25/04/2014	Wendy Williams	1 Adult	Live Sighting	LMZ: Ruabon 07		D1448/002/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7, UKBA, WBR	NA
<i>Lagopus lagopus</i> (Red Grouse / Grugiar Goch)	SJ243503 (Selected from Interactive Map)	05/02/2015	Trevor Britton	12		Esclusham Mountain	A lot of red grouse calling and flying in this area. Dozen maximum seen at one time.	D1117/001/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7, UKBA, WBR	PC
<i>Lagopus lagopus</i> (Red Grouse / Grugiar Goch)	SJ250507	30/04/2016	Mr N French	2		Worlds End 1		D1297/021/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7, UKBA, WBR	PC
<i>Lagopus lagopus</i> (Red Grouse / Grugiar Goch)	SJ2550 (Selected from Interactive Map)	44 records, between 21/10/2005 and 11/10/2020	Tom Knight; Julie Rogers; Mervyn Rogers; Mark R Hipkin; Kevin J Smith; Darren C Coombs; Mark T Breaks; Annie N Haycock; Zac Hinchcliffe; Natalie Webb; JK Ogden; John F Jones; Andrew F Thomas; Dunca...	15; 1; 2; 3; 4; 5; 31; 8; 6; 15+; 27; 7	Reported to recorder	Esclusham Mountain	Survey: Observer data; Birdtrack. female; BirdTrack; Bird Track; Activty: H	D1748/001/01 , D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7, UKBA, WBR	PC, NA, UA
<i>Lagopus lagopus</i> (Red Grouse / Grugiar Goch)	SJ2351	8 records, between 06/04/2007 and 21/07/2020	Julie Chicken; Trevor Britton; John Marchant; Heather Cartwright; Trevor B Taylor; Mr Shaun Nield; Mrs Heather Cartwright	1; 2	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; Bird Track	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7, UKBA, WBR	NA, PC, UA
<i>Lagopus lagopus</i> (Red Grouse / Grugiar Goch)	SJ2551	19 records, between 18/04/2006 and 07/02/2020	Julie Rogers; Julie Chicken; Louise Jones; N Duggan; Declan Savage; Dave Beevers; Emma Broad; Ian M Spence; Colin A Penny; Greg M Thurnham; Justin B Williams; Paul E Miller; Mr Paul Miller; Mr Thomas	1; 3; 5; 8; 2	Reported to recorder	Ruabon Mountain, Esclusham Mountain, N	Survey: Observer data; Heard several calling. Survey: Observer data; BirdTrack; Bird Track	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7, UKBA, WBR	NA, PC, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Lagopus lagopus</i> (Red Grouse / Grugiar Goch)	SJ2350	4 records, between 28/01/2006 and 06/05/2012	Des James; Barry Lynes; Anthony John Roberts	1; 5; 3	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data; Birdtrack	D0062/008/01 , D1297/025/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7, UKBA, WBR	NA, PC
<i>Lagopus lagopus</i> (Red Grouse / Grugiar Goch)	SJ2353	15/05/2004	David Richardson	3 Male	Reported to recorder	Llandegla, Moor, NE	Survey: Observer data	D0062/008/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7, UKBA, WBR	NA
<i>Lagopus lagopus</i> (Red Grouse / Grugiar Goch)	SJ2254	23/04/2009	Tim Ross	1	Reported to recorder	Rhydtalog, W	Activity: A. Survey: Observer data	D0062/008/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7, UKBA, WBR	NA
<i>Lagopus lagopus</i> (Red Grouse / Grugiar Goch)	SJ2251	5 records, between 09/04/2017 and 12/07/2017	Norma Williams			Llandegla Forest	BirdTrack	D1297/025/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7, UKBA, WBR	PC
<i>Lagopus lagopus</i> (Red Grouse / Grugiar Goch)	SJ2250	6 records, between 01/04/2016 and 21/02/2019	Neil Hughes; Mr James Hughes	1; 2; 2+		Llandegla Forest, S	BirdTrack	D1297/025/01 , D1297/026/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7, UKBA, WBR	PC
<i>Lagopus lagopus</i> (Red Grouse / Grugiar Goch)	SJ2451	2 records, between 21/02/2017 and 23/04/2019	Neil Hughes; Mr James Hughes	2; 3		Gwynfryn, SW	BirdTrack	D1297/025/01 , D1297/026/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7, UKBA, WBR	PC
<i>Lagopus lagopus</i> (Red Grouse / Grugiar Goch)	SJ2452	2 records, between 22/03/2018 and 08/06/2018	Anne Brenchley; Kevin J Smith	1		Gwynfryn, W		D1297/025/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7, UKBA, WBR	PC
<i>Lagopus lagopus</i> (Red Grouse / Grugiar Goch)	SJ2253	28/05/2012	Steven Davies	1		Moel Garegog, NE	BirdTrack. Activity: H	D1297/025/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7, UKBA, WBR	PC
<i>Lagopus lagopus</i> (Red Grouse / Grugiar Goch)	SJ2450	12 records, between 05/03/2014 and 07/03/2020	Tony G Jackson; MJ Wheeler; Rob Swift; T Bowyer; Derek J Gruar; Mr G N Roberts; Mr Malcolm Down; Miss Louise Bacon; Mr Phil Bristow	6; 10+; 20+; 19; 2; 4; 5		Ruabon Mountain, Esclusham Mountain, W	BirdTrack; Bird Track; Birdtrack. Good views of both cock and hen. Many heard 'grouching'.	D1297/025/01 , D1297/026/01 , D1297/039/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7, UKBA, WBR	PC, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Lagopus lagopus</i> (Red Grouse / Grugiar Goch)	SJ2354 (Approximate)	26/10/1986	Mrs Brenda Gough	3		Rhydtalog		D1297/041/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7, UKBA, WBR	UA
<i>Larus argentatus</i> (Herring Gull / Gwylan y Penwaig)	SJ2351	4 records, between 04/05/2008 and 05/07/2019	Bob Lane; Jenny Thomas; Stephen Mcavoy; Mr T Taylor	2; 3	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; Birdtrack	D0062/008/01 , D1297/025/01 , D1297/026/01	BAP, BDir2.2, LBAP-C, LBAP-G, RL-DD, RL-EN, S7, UKBR, WBR	NA, PC
<i>Larus argentatus</i> (Herring Gull / Gwylan y Penwaig)	SJ2453	10 records, between 19/05/2008 and 27/12/2020	Julie Chicken; Steven Davies; Mr Steven Davies	20; 28; 5; 6; 1; 45; 24; 3+; 3	Reported to recorder	Nant-y-Ffrith Reservoir	timed tetrad visit in SJ25L. Survey: Observer data; WEBS. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01	BAP, BDir2.2, LBAP-C, LBAP-G, RL-DD, RL-EN, S7, UKBR, WBR	NA, PC, UA
<i>Larus argentatus</i> (Herring Gull / Gwylan y Penwaig)	SJ2251	2 records, between 30/04/2017 and 15/06/2017	Norma Williams			Llandegla Forest	BirdTrack	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)	SJ2250	28/04/2013	Louise Bailey			Llandegla Forest, S	BirdTrack	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)	SJ2552	27/12/2017	Steven Davies	5		Gwynfryn	BirdTrack	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)	SJ2551 (Approximate)	15/08/2020	Mr Steven Davies	1		Esclusham Mountain, N		D1297/039/01	BAP, BDir2.2, LBAP-C, LBAP-G, RL-DD, RL-EN, S7, UKBR, WBR	UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Lasiommata megera</i> (Wall / Gweirlöyn y Cloddiau)	SJ253536 (Estimated Centroid of Site))	01/06/1998	Jean Hughes	2		Coed Pen y Nant	Breeding: No. Mature: Yes. Record type: Field record / observation	D0127/001/02	BAP, LBAP-G, RL-NT, S7	NA
<i>Lasiommata megera</i> (Wall / Gweirlöyn y Cloddiau)	SJ252522 (Estimated Centroid of Site))	2 records, between 01/06/1998 and 05/09/2012	Bryan Formstone; Andrew & Janet Graham	2; 1 Adult		Minera Quarry, Gwynfryn	Breeding: No. Habitat: Quarry: disused. Mature: Yes. Record type: Field record / observation; Quarry: disused	D0127/001/02 , D1373/001/05	BAP, LBAP-G, RL-NT, S7	NA
<i>Lasiommata megera</i> (Wall / Gweirlöyn y Cloddiau)	SJ256521	05/09/2012	Andrew & Janet Graham	1		Minera Quarry	CORINE: 891	D1858/001/02	BAP, LBAP-G, RL-NT, S7	NA
<i>Lasiommata megera</i> (Wall / Gweirlöyn y Cloddiau)	SJ248521	2 records, between 23/08/2016 and 13/09/2018	Andrew & Janet Graham; A.N & J.E. Graham	2; 1 Adult		Minera Quarry	Quarry: disused	D1858/001/02 , D1373/001/05	BAP, LBAP-G, RL-NT, S7	NA
<i>Lasiommata megera</i> (Wall / Gweirlöyn y Cloddiau)	SJ254524	26/05/2017	Andrew & Janet Graham	2+		Eisteddfod Farm, Gwynfryn		D1858/001/02	BAP, LBAP-G, RL-NT, S7	NA
<i>Lasiommata megera</i> (Wall / Gweirlöyn y Cloddiau)	SJ253521	20/09/2017	Andrew & Janet Graham	1		Eisteddfod Farm, Gwynfryn		D1858/001/02	BAP, LBAP-G, RL-NT, S7	NA
<i>Lasiommata megera</i> (Wall / Gweirlöyn y Cloddiau)	SJ257521	02/08/2018	Andrew & Janet Graham	1		Eisteddfod Farm, Gwynfryn		D1858/001/02	BAP, LBAP-G, RL-NT, S7	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Lasiommata megera</i> (Wall / Gweirlöyn y Cloddiau)	SJ248517	13/09/2018	Andrew & Janet Graham	1		Minera Quarry		D1858/001/02	BAP, LBAP-G, RL-NT, S7	NA
<i>Lasiommata megera</i> (Wall / Gweirlöyn y Cloddiau)	SJ241511	25/07/2014	Josephine Gladstone	2 Adult				D1373/001/05	BAP, LBAP-G, RL-NT, S7	NA
<i>Lasiommata megera</i> (Wall / Gweirlöyn y Cloddiau)	SJ247512	24/08/2006	J. L. Roberts	1 Adult		Eclusham Mountain	Nr Park Farm	D1373/001/05	BAP, LBAP-G, RL-NT, S7	NA
<i>Lasiommata megera</i> (Wall / Gweirlöyn y Cloddiau)	SJ250524	2 records, between 26/05/2017 and 20/09/2017	A.N. & J.E. Graham	1 Adult; 2 Adult		Minera Quarry, Eisteddfod Farm	Quarry: disused	D1373/001/05	BAP, LBAP-G, RL-NT, S7	NA
<i>Lepus europaeus</i> (Hare / Ysgyfarnog)	SJ25	30/05/2004	John Lawton-Roberts	1		-Withheld-	-Withheld-	D1117/001/01	BAP, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7	KC
<i>Lepus europaeus</i> (Hare / Ysgyfarnog)	SJ25	30/05/2004	John Lawton-Roberts	2		-Withheld-	-Withheld-	D1117/001/01	BAP, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7	PC
<i>Lepus europaeus</i> (Hare / Ysgyfarnog)	SJ25 (Estimated Centroid of Site)	~ 2005	BASC Recorder (15534803-3)			-Withheld-	-Withheld-	D0132/001/02	BAP, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7	UA
<i>Lepus europaeus</i> (Hare / Ysgyfarnog)	SJ25 (GPS Reading)	29/04/2014	Mick Brummage	1 Full-Grown		-Withheld-	-Withheld-	D1117/001/01	BAP, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7	PC
<i>Lepus europaeus</i> (Hare / Ysgyfarnog)	SJ25	3 records, between 06/03/2015 and 26/04/2017	John Lawton Roberts; John Lawton Roberts.	1		-Withheld-	-Withheld-	D0967/009/01 , D0967/014/01	BAP, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7	UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Lepus europaeus</i> (Hare / Ysgyfarnog)	SJ25 (Selected from Interactive Map)	30/06/2016	Gordon Plater	1		-Withheld-	-Withheld-	D1117/001/01	BAP, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7	PC
<i>Lepus europaeus</i> (Hare / Ysgyfarnog)	SJ25 (Selected from Interactive Map)	19/08/2017	Tom Knight	1		-Withheld-	-Withheld-	D1748/001/01	BAP, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7	PC
<i>Lepus europaeus</i> (Hare / Ysgyfarnog)	SJ25 (Selected from Interactive Map)	19/08/2017	Tom Knight	1		-Withheld-	-Withheld-	D1748/001/01	BAP, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7	PC
<i>Lepus europaeus</i> (Hare / Ysgyfarnog)	SJ25 (Estimated (Centroid of Site))	02/06/2018	Geoff Radford			-Withheld-	-Withheld-	D1823/002/01	BAP, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7	UA
<i>Lepus europaeus</i> (Hare / Ysgyfarnog)	SJ25 (GPS Reading)	13/08/2018	Mick Brummage	1 Adult		-Withheld-	-Withheld-	D1117/001/01	BAP, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7	PC
<i>Lepus europaeus</i> (Hare / Ysgyfarnog)	SJ25 (Selected from Interactive Map)	12/05/2019	Mick Brummage	1 Adult		-Withheld-	-Withheld-	D1117/001/01	BAP, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7	PC
<i>Lepus europaeus</i> (Hare / Ysgyfarnog)	SJ25 (Selected from Interactive Map)	12/05/2019	Mick Brummage	1 Adult		-Withheld-	-Withheld-	D1117/001/01	BAP, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7	PC
<i>Lepus europaeus</i> (Hare / Ysgyfarnog)	SJ25 (Selected from Interactive Map)	21/11/2019	Mick Brummage	1 Adult		-Withheld-	-Withheld-	D1117/001/01	BAP, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7	PC
<i>Lepus europaeus</i> (Hare / Ysgyfarnog)	SJ25	13/04/2016	A.N. & J.E.Graham			-Withheld-	-Withheld-	D0135/018/01	BAP, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7	PC
<i>Lepus europaeus</i> (Hare / Ysgyfarnog)	SJ25	30/05/2019	J.A.L.Roberts	1		-Withheld-	-Withheld-	D0967/019/01	BAP, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Lepus europaeus</i> (Hare / Ysgyfarnog)	SJ25	2 records, between 18/05/2017 and 25/05/2019	Anon			-Withheld-	-Withheld-	D1986/001/01	BAP, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7	NA
<i>Lepus europaeus</i> (Hare / Ysgyfarnog)	SJ25	14/05/2016	Anon			-Withheld-	-Withheld-	D1986/001/01	BAP, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7	NA
<i>Lepus europaeus</i> (Hare / Ysgyfarnog)	SJ25 (Selected from Interactive Map)	22/07/2021	Thomas Hiles	1		-Withheld-	-Withheld-	D1117/001/01	BAP, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, S7	PC
<i>Leucania comma</i> (Shoulder-striped Wainscot / Gwensgod Gwar Rhesog)	SJ251525	02/07/2017	A.N. & J.E.Graham	1 Adult		Eisteddfod Farm, Gwynfryn, The Arc	Method: Rob-MV- 125W	D1991/001/01	BAP, LBAP-G, S7	NA
<i>Linaria cannabina</i> (Linnet / Llinos)	SJ24525187 (Selected from Interactive Map)	19/08/2017	Tom Knight	20		Esclusham Mountain	Estimated number.	D1748/001/01	BAP, Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-EN, RL-NT, S7, UKBR, WBR	PC
<i>Linaria cannabina</i> (Linnet / Llinos)	SJ2353	2 records, between 15/05/2004 and 28/05/2012	David Richardson; Steven Davies	2	Reported to recorder	Llandegla, Moor, NE	Survey: Observer data; BirdTrack. Activity: P	D0062/008/01 , D1297/025/01	BAP, Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-EN, RL-NT, S7, UKBR, WBR	NA, PC
<i>Linaria cannabina</i> (Linnet / Llinos)	SJ2551	12 records, between 25/02/2009 and 20/06/2020	Julie Chicken; John Lawton Roberts; Norman Hallas; Steven Davies; Mr Steven Davies	2; 5; 4; 1	Reported to recorder	Ruabon Mountain, Esclusham Mountain, N	Survey: Observer data; Two pairs and a single. Survey: Observer data; Perched on wall. Activity: H. Survey: Observer data; Birdtrack. Activity: H; Birdtrack.: Activity: H; BirdTrack; BirdTrack. Activity: H	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	BAP, Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-EN, RL-NT, S7, UKBR, WBR	NA, PC, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Linaria cannabina</i> (Linnet / Llinos)	SJ2550	9 records, between 13/04/2010 and 02/05/2019	Kevin J Smith; Steven Davies; Zac Hinchcliffe; DV Avis; Heather Cartwright; John F Jones; Mark T Breaks; Mr J F Jones	2; 3; 1; 8; 6	Reported to recorder	Ruabon Mountain, Esclusham Mountain	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/026/01	BAP, Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-EN, RL-NT, S7, UKBR, WBR	NA, PC
<i>Linaria cannabina</i> (Linnet / Llinos)	SJ2451	2 records, between 28/03/2010 and 23/04/2019	Andrew Wallbank; Mr James Hughes	2	Reported to recorder	Gwynfryn, SW	Survey: Observer data	D0062/008/01 , D1297/026/01	BAP, Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-EN, RL-NT, S7, UKBR, WBR	NA, PC
<i>Linaria cannabina</i> (Linnet / Llinos)	SJ2552	4 records, between 20/02/2008 and 12/05/2016	Julie Chicken; John Lawton Roberts; Steven Davies	5; 2; 3; 10	Reported to recorder	Gwynfryn	timed tetrad visit in SJ25L. Survey: Observer data; Activity: P. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	BAP, Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-EN, RL-NT, S7, UKBR, WBR	NA, PC
<i>Linaria cannabina</i> (Linnet / Llinos)	SJ2453	5 records, between 05/06/2016 and 30/06/2019	Steven Davies; Mr Steven Davies	2; 3; 7		Nant-y-Ffrith Reservoir	BirdTrack. Activity: P; BirdTrack; Breeding status: P	D1297/025/01 , D1297/027/01	BAP, Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-EN, RL-NT, S7, UKBR, WBR	PC
<i>Linaria cannabina</i> (Linnet / Llinos)	SJ2354	28/05/2012	Steven Davies	2		Rhydtalog	BirdTrack. Activity: P	D1297/025/01	BAP, Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-EN, RL-NT, S7, UKBR, WBR	PC
<i>Linaria cannabina</i> (Linnet / Llinos)	SJ2454	25/06/2009	Steven Davies	5		Rhydtalog, E	Birdtrack. Activity: H	D1297/025/01	BAP, Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-EN, RL-NT, S7, UKBR, WBR	PC
<i>Linaria cannabina</i> (Linnet / Llinos)	SJ2450	2 records, between 25/05/2013 and 27/07/2013	MJ Wheeler; Steven Davies	3		Ruabon Mountain, Esclusham Mountain, W	BirdTrack; BirdTrack. Activity: P	D1297/025/01	BAP, Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-EN, RL-NT, S7, UKBR, WBR	PC
<i>Linaria cannabina</i> (Linnet / Llinos)	SJ2151	10/04/2016	Rupert J Pyrah			Tafarn-y-garth	BirdTrack	D1297/025/01	BAP, Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-EN, RL-NT, S7, UKBR, WBR	PC
<i>Linaria flavirostris</i> (Twite / Llinos y Mynydd)	SJ25	02/11/2014	Annie N Haycock			-Withheld-	-Withheld-	D1297/025/01	BAP, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-NT, RL-VU, S7, UKBR, WBR	PC

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<i>Lissotriton</i>	SJ25105223 (Selected from Interactive Map)	27/04/2020	Rhian Hughes; Jonathon Hulson	66 Age & Sex Unknown	Torch Count	Minera Quarry: P01		D1320/014/01	Bern3, WCA5	NA
<i>Lissotriton</i> <i>helveticus</i> (Palmate Newt / Madfall Ddwr Balfog)	SJ23675237 (Estimated (Centroid of Site))	2 records, between 19/05/2003 and 29/05/2003	Leonard Perry, Philippa Perry	3; 8		Llandegla; Dee Valley Water	Torching	D0026/279/01	Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	PC
<i>Lissotriton</i> <i>helveticus</i> (Palmate Newt / Madfall Ddwr Balfog)	SJ23895239 (Estimated (Centroid of Site))	2 records, between 19/05/2003 and 29/05/2003	Leonard Perry, Philippa Perry	6; 1		Llandegla; Quarry	Torching and bottle trapping; Torching	D0026/279/01	Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	PC
<i>Lissotriton</i> <i>helveticus</i> (Palmate Newt / Madfall Ddwr Balfog)	SJ237518 (Estimated (Centroid of Transect))	19/05/2003 to 20/05/2003	Leonard Perry, Philippa Perry	5		Llandegla; Forest	Torching and bottle trapping. Between SJ240520 and SJ232517	D0026/279/01	Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	PC
<i>Lissotriton</i> <i>helveticus</i> (Palmate Newt / Madfall Ddwr Balfog)	SJ244526 (Estimated (Centroid of Site))	~ 2005	BASC Recorder (1654802-1)				Shoot Size Range: 0-3km	D0132/001/02	Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	PC
<i>Lissotriton</i> <i>helveticus</i> (Palmate Newt / Madfall Ddwr Balfog)	SJ23025239 (Selected from Interactive Map)	13/05/2016	Paul Furnborough; Stephen Smith	1 Adult Female	Terrestrial disturbance	Llandegla Forest: Pond 2		D1320/014/01	Bern3, LBAP-A, 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 helveticus</i> (Palmate Newt / Madfall Ddwr Balfog)	SJ25205218 (GPS Reading)	11/04/2018	Mick Brummage	8 Adult		Minera Quarry		D1480/001/01	Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	PC
<i>Lissotriton helveticus</i> (Palmate Newt / Madfall Ddwr Balfog)	SJ251522	13/04/2016	A.N. & J.E.Graham			Minera Quarry		D0135/018/01	Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	PC
<i>Lissotriton helveticus</i> (Palmate Newt / Madfall Ddwr Balfog)	SJ23005234	5 records, between 06/01/2016 and 26/05/2016	Recorder Name Withheld	1 tadpoles - no specific stage; 1 M			Source: ARC Excel Import - PondNet Data	D1737/003/01	Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	NA
<i>Lissotriton helveticus</i> (Palmate Newt / Madfall Ddwr Balfog)	SJ23015240	5 records, between 06/01/2016 and 26/05/2016	Recorder Name Withheld	1 tadpoles - no specific stage; 1 adult F			Source: ARC Excel Import - PondNet Data	D1737/003/01	Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	NA
<i>Lissotriton helveticus</i> (Palmate Newt / Madfall Ddwr Balfog)	SJ25105223 (Selected from Interactive Map)	2 records, between 27/04/2020 and 13/05/2021	Rhian Hughes; Jonathon Hulson; A.C.L Jones; Jordan Hurst	15 Adult Male; 15 Adult Male; 20 Adult Female	Torch Count	Minera Quarry: P01		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)	SJ2501151884 (Supplied by Original Recorder)	13/05/2021	A.C.L Jones; Jordan Hurst	32 Adult Male; 55 Adult Female	Torch Count	Minera Quarry: P02		D1320/014/01	Bern3, LBAP-A, 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)	SJ23005234	4 records, between 06/01/2016 and 26/05/2016	Recorder Name Withheld	1 tadpoles - no specific stage			Source: ARC Excel Import - PondNet Data	D1737/003/01	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	NA
<i>Lissotriton vulgaris</i> (Smooth Newt / Madfall Ddwr Gyffredin)	SJ23015240	4 records, between 06/01/2016 and 26/05/2016	Recorder Name Withheld	1 tadpoles - no specific stage			Source: ARC Excel Import - PondNet Data	D1737/003/01	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-T, WCA5	NA
<i>Locustella naevia</i> (Grasshopper Warbler / Troellwr Bach)	SJ2351	13 records, between 10/05/2006 and 15/07/2019	Julie Chicken; Julie Rogers; Stephen Mcavoy; Neil Hughes; Heather Cartwright; Trevor B Taylor; Mrs Heather Cartwright	1; 2+; 2	Reported to recorder	Pendinas, Reservoir	Roving record. Survey: Observer data; Survey: Observer data; heard only. Survey: Observer data; Birdtrack. Activity: S; BirdTrack. Activity: S; BirdTrack; Activity: S	D0062/008/01 , D1297/025/01 , D1297/026/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBR, WBR	NA, PC
<i>Locustella naevia</i> (Grasshopper Warbler / Troellwr Bach)	SJ2353	15/05/2004	David Richardson	1	Reported to recorder	Llandegla, Moor, NE	Survey: Observer data	D0062/008/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBR, WBR	NA
<i>Locustella naevia</i> (Grasshopper Warbler / Troellwr Bach)	SJ2550	23/05/2010	Kevin J Smith	1	Reported to recorder	Ruabon Mountain, Esclusham Mountain	Survey: Observer data	D0062/008/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBR, WBR	NA
<i>Locustella naevia</i> (Grasshopper Warbler / Troellwr Bach)	SJ2350	03/05/2012	Trevor Britton	1	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data	D0062/008/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBR, WBR	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Locustella naevia</i> (Grasshopper Warbler / Troellwr Bach)	SJ2450	22/04/2016	Chris Mellenchip	3	Reported to recorder	Ruabon Mountain, Esclusham Mountain, W	3 heard - all in this square?. Survey: Observer data	D0062/008/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBR, WBR	NA
<i>Locustella naevia</i> (Grasshopper Warbler / Troellwr Bach)	SJ2251	4 records, between 23/04/2017 and 12/07/2017	Norma Williams			Llandegla Forest	BirdTrack	D1297/025/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBR, WBR	PC
<i>Locustella naevia</i> (Grasshopper Warbler / Troellwr Bach)	SJ2250	21/05/2006	Henry RA Cook	2+		Llandegla Forest, S	Birdtrack	D1297/025/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBR, WBR	PC
<i>Locustella naevia</i> (Grasshopper Warbler / Troellwr Bach)	SJ2252	19/04/2008	Dermot J Smith	1		Llandegla, Moel Garegog, E	Birdtrack. Activity: S	D1297/025/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBR, WBR	PC
<i>Locustella naevia</i> (Grasshopper Warbler / Troellwr Bach)	SJ2551	22/04/2018	Justin B Williams			Ruabon Mountain, Esclusham Mountain, N		D1297/025/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBR, WBR	PC
<i>Loxia curvirostra</i> (Crossbill / Gylfingroes)	SJ231505 (Selected from Interactive Map)	07/02/2017	Trevor Britton	6		Llandegla Forest	Family group of 4 seen than a further pair	D1117/001/01	Bern2, LBAP-C, WCA1.1	PC
<i>Loxia curvirostra</i> (Crossbill / Gylfingroes)	SJ2250 (Selected from Interactive Map)	12 records, between 06/05/2005 and 21/01/2020	Thomas Hiles; Hilary Nash; Neil Hughes; Henry RA Cook; Gill Glover; Glenn E Morris; Louise Bailey; Samuel El Jones; Thibaut Mathieu; Mr James Hughes	1 Male; 1; 6; 40; 8+; 5; 30; 10+	Reported to recorder	Llandegla Forest	Survey: Observer data; Roving. Activity: H. Survey: Observer data; Birdtrack; Between: 08:00-08:00. 2 large flocks, with high proportion of juvs; Birdtrack.. Activity: P; BirdTrack	D1117/001/01 , D0062/008/01 , D1297/025/01 , D1297/026/01	Bern2, LBAP-C, WCA1.1	PC, NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Loxia curvirostra</i> (Crossbill / Gylfingroes)	SJ2452	7 records, between 29/07/2004 and 24/03/2018	John Lawton Roberts; Trevor Britton; Jenny Thomas; Barry Lynes; Steven Davies; Anne Brencley; Anon	1; 7; 12; 13; 5	Reported to recorder	Gwynfryn, W	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	Bern2, LBAP-C, WCA1.1	NA, PC
<i>Loxia curvirostra</i> (Crossbill / Gylfingroes)	SJ2351	38 records, between 20/02/2005 and 28/03/2019	JA Jackson; Kevin J Smith; Julie Rogers; Julie Chicken; Barry Lynes; Des James; Helen Conrad; Mike Radcliffe; David Richardson; John Lawton Roberts; Stephen Mcavoy; Steven Davies; Shelagh A Halsey;...	1; 2; 5; 7; 10; 11; 12; 14; 18; 26; 30; 50; 60; 100; 1 Female; 1 Male; 2 Female; 3 Juvenile; 4+; 5+; 77+; 10+; 22; 3; 4; 9; 25	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; feeding on cone in treetop. Survey: Observer data; Singing. Survey: Observer data; Birdtrack. Activity: FL; BirdTrack; Birdtrack. Young begging for food; BirdTrack. Activity: P; Bird Track; Breeding status: H	D0062/008/01 , D1297/025/01 , D1297/026/01	Bern2, LBAP-C, WCA1.1	NA, PC
<i>Loxia curvirostra</i> (Crossbill / Gylfingroes)	SJ2352	5 records, between 21/03/2008 and 19/05/2018	Dermot J Smith; Kevin J Smith; Steven Davies; John Finnan	1; 7; 2	Reported to recorder	Llandegla Forest, NE	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	Bern2, LBAP-C, WCA1.1	NA, PC
<i>Loxia curvirostra</i> (Crossbill / Gylfingroes)	SJ2251	18 records, between 22/12/2004 and 03/05/2018	Simon Hughston-Roberts; Julie Chicken; Kevin J Smith; John Lawton Roberts; Steven Davies; Norma Williams	2: 1 Female; 1 Male; 10 Female; 10+; 2 Juvenile; 2+; 1; 6	Reported to recorder	Llandegla Forest	Survey: Observer data; Roving record. Survey: Observer data; Activity: A. Survey: Observer data; Activity: H. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	Bern2, LBAP-C, WCA1.1	NA, PC
<i>Loxia curvirostra</i> (Crossbill / Gylfingroes)	SJ2553	4 records, between 16/08/2004 and 24/09/2009	Steven Davies	3; 11; 3 Female; 4 Male	Reported to recorder	Bwlchgwyn, W	over. Survey: Observer data; Survey: Observer data; in Bwlchgwyn Quarry. Survey: Observer data	D0062/008/01	Bern2, LBAP-C, WCA1.1	NA
<i>Loxia curvirostra</i> (Crossbill / Gylfingroes)	SJ2451	4 records, between 25/03/2005 and 23/04/2019	John Lawton Roberts; Ros Lane; Neil Hughes; Mr James Hughes	3; 60; 2	Reported to recorder	Gwynfryn, SW	Over moor at forest edge. Survey: Observer data; Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/026/01	Bern2, LBAP-C, WCA1.1	NA, PC
<i>Loxia curvirostra</i> (Crossbill / Gylfingroes)	SJ2454	03/04/2008	Ian M Spence	4	Reported to recorder	Rhydtalog, E	Survey: Observer data	D0062/008/01	Bern2, LBAP-C, WCA1.1	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Loxia curvirostra</i> (Crossbill / Gylfingroes)	SJ2453	7 records, between 28/08/2004 and 01/01/2020	Steven Davies; Mr Steven Davies	5; 2; 12; 1; 4	Reported to recorder	Nant-y-Ffrith Reservoir	heading W. Survey: Observer data; Birdtrack. flew over, heading NW; Flying over	D0062/008/01 , D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01	Bern2, LBAP-C, WCA1.1	NA, PC, UA
<i>Loxia curvirostra</i> (Crossbill / Gylfingroes)	SJ2552	2 records, between 20/02/2008 and 27/05/2012	Bob Lane; Julie Chicken	11; 2 Female	Reported to recorder	Gwynfryn	Survey: Observer data; timed tetrad visit in SJ25L. Survey: Observer data	D0062/008/01	Bern2, LBAP-C, WCA1.1	NA
<i>Loxia curvirostra</i> (Crossbill / Gylfingroes)	SJ2253	23/03/2008	Anon (BirdGuides)	15	Reported to recorder	Moel Garegog, NE	Survey: Birdguides data	D0062/008/01	Bern2, LBAP-C, WCA1.1	NA
<i>Loxia curvirostra</i> (Crossbill / Gylfingroes)	SJ2350	2 records, between 09/04/2011 and 15/04/2012	Julie Chicken; Robin Sandham	20; 200	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data	D0062/008/01	Bern2, LBAP-C, WCA1.1	NA
<i>Loxia curvirostra</i> (Crossbill / Gylfingroes)	SJ2551	5 records, between 18/03/2011 and 20/11/2019	John Lawton Roberts; N Duggan; Justin B Williams; Mr Paul Miller	1 Male; 3; 1; 2; 7	Reported to recorder	Ruabon Mountain, Esclusham Mountain, N	On hawthorn, with m RB, no conifers near. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/026/01	Bern2, LBAP-C, WCA1.1	NA, PC
<i>Loxia curvirostra</i> (Crossbill / Gylfingroes)	SJ2252	3 records, between 19/04/2008 and 04/04/2015	Dermot J Smith; Steven Davies	30+; 2; 8+		Llandegla, Moel Garegog, E	Birdtrack. Activity: FL; BirdTrack	D1297/025/01	Bern2, LBAP-C, WCA1.1	PC
<i>Loxia curvirostra</i> (Crossbill / Gylfingroes)	SJ2550	4 records, between 15/03/2016 and 22/01/2020	John F Jones; Mr J Jones	27; 2		Ruabon Mountain, Esclusham Mountain	BirdTrack	D1297/025/01 , D1297/039/01	Bern2, LBAP-C, WCA1.1	PC, UA
<i>Loxia curvirostra</i> (Crossbill / Gylfingroes)	SJ2450	2 records, between 13/03/2016 and 26/04/2017	T Bowyer; Derek J Gruar	2+		Ruabon Mountain, Esclusham Mountain, W	Birdtrack. Good views of both male and female feeding on larch cones.; BirdTrack	D1297/025/01	Bern2, LBAP-C, WCA1.1	PC
<i>Loxia curvirostra</i> (Crossbill / Gylfingroes)	SJ2151	10/04/2016	Rupert J Pyrah	1		Tafarn-y-garth	BirdTrack	D1297/025/01	Bern2, LBAP-C, WCA1.1	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Lutra lutra</i> (Otter / Dyfrgi)	SJ2352	01/02/2009	Neil Dalrymple	One		-Withheld-	-Withheld-	D1117/001/01	BAP, Bern2, CHS2, CITES-A, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, LBAP-W, S7, WCA5	PC
<i>Lutra lutra</i> (Otter / Dyfrgi)	SJ2452	21/11/1998	Mike Griffiths	1 Adult Male		-Withheld-	-Withheld-	D1153/001/02	BAP, Bern2, CHS2, CITES-A, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, LBAP-W, S7, WCA5	NA
<i>Lutra lutra</i> (Otter / Dyfrgi)	SJ2352	2003	Anon		Dead on road	-Withheld-	-Withheld-	D1118/006/01	BAP, Bern2, CHS2, CITES-A, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, LBAP-W, S7, WCA5	PC
<i>Lutra lutra</i> (Otter / Dyfrgi)	SJ2352	29/05/2003	Rhys Williams		Dead on road	-Withheld-	-Withheld-	D1118/006/01	BAP, Bern2, CHS2, CITES-A, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, LBAP-W, S7, WCA5	PC
<i>Lutra lutra</i> (Otter / Dyfrgi)	SJ2453	15/10/2009	SB & JB	Spraint		-Withheld-	-Withheld-	D1558/001/01	BAP, Bern2, CHS2, CITES-A, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, LBAP-W, S7, WCA5	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Estimated (Centroid of Site))	May 1996	Eric Hardy	1 Male; 1 Female		-Withheld-	-Withheld-	D0026/055/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Estimated (Centroid of Site))	May 1996	Eric Hardy	2 Male		-Withheld-	-Withheld-	D0026/055/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Supplied by Original Recorder (Map))	2 records, between 24/04/2012 and 28/04/2017	Nick Thomas; Simon Hugheston- Roberts; Neil Cowie	7 Lekking Males Seen; 1 Females Seen; 10 Lekking Males Seen	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, 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>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Supplied by Original Recorder (Map))	2 records, between 24/04/2012 and 24/04/2015	Chris Mellenchip	11 Lekking Males Seen; 28 Lekking Males Seen	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Supplied by Original Recorder (Map))	24/04/2012	Chris Mellenchip	15 Lekking Males Seen; 1 Females Seen	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Supplied by Original Recorder (Map))	24/04/2012	Chris Mellenchip	1 Lekking Males Seen	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Estimated (Centroid of Site))	~ 2005	BASC Recorder (15534803-3)			-Withheld-	-Withheld-	D0132/001/02	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	PC
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Estimated (Centroid of Site))	~ 2005	BASC Recorder (679844-2)			-Withheld-	-Withheld-	D0132/001/02	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	PC
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25	April 1995 to May 1995	Anon - SCARABBS	1		-Withheld-	-Withheld-	D1442/002/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25	05/05/1995	Anon - SCARABBS	2		-Withheld-	-Withheld-	D1442/002/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25	April 1995 to May 1995	Anon - SCARABBS	11		-Withheld-	-Withheld-	D1442/002/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Estimated (From Recorder's Map))	23/04/2013	Des James	6 Lekking Males Seen	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Estimated (From Recorder's Map))	23/04/2013	Nick Thomas	1 Non-lekking Males	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, 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>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Estimated (From Recorder's Map))	2 records, between 23/04/2013 and 22/04/2016	Chris Mellenchip; Richard May; Elwyn Sharps; Chris Mellenchip	10 Lekking Males Seen; 10 Lekking Males Seen; 4 Females Seen	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Estimated (From Recorder's Map))	23/04/2013	Chris Mellenchip; Richard May	19 Lekking Males Seen	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Estimated (From Recorder's Map))	23/04/2013	Chris Mellenchip; Richard May	1 Females Seen	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Estimated (From Recorder's Map))	23/04/2013	Fiona Gale; Wendy Williams	5 Lekking Males Seen	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (GPS Reading)	24/03/2014	Mick Brummage	1 Adult Male		-Withheld-	-Withheld-	D1117/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	PC
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Estimated (From Recorder's Map))	25/04/2014	Simon Hugheston- Roberts	2 Females Seen	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Estimated (From Recorder's Map))	25/04/2014	Simon Hugheston- Roberts	8 Lekking Males Seen	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Estimated (From Recorder's Map))	25/04/2014	Dave Hatcher	1 Lekking Males Seen	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Estimated (From Recorder's Map))	25/04/2014	Chris Mellenchip	8 Lekking Males Seen	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Estimated (From Recorder's Map))	25/04/2014	Chris Mellenchip	12 Lekking Males Seen	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, 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>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Estimated (From Recorder's Map))	25/04/2014	Chris Mellenchip	1 Females Seen	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Estimated (From Recorder's Map))	25/04/2014	Chris Mellenchip	1 Lekking Males Seen; 2 Females Seen	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Selected from Interactive Map)	63 records, between 10/04/2011 and 20/03/2020	Paul Martin; Steve Palin; Kevin J Smith; Natalie Webb; Mark R Hipkin; Mark T Breaks; Darren C Coombs; Zac Hinchcliffe; Gary Honey; JK Ogden; John F Jones; Nicholas Godden; P Killip; Anon; Alex Hump...	10 Juvenile Male; 38 Adult Male; 3 Male; 11; 12; 16; 21; 40; 20+; 5; 20; 24; 80; 9; 40+; 1; 22; 50+; 28; 17; 19; 18; 13; 15; 7; 14; 2; 6; c15; 32; 3	Reported to recorder	-Withheld-	-Withheld-	D1117/001/01 , D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	PC, NA, UA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Selected from Interactive Map)	02/01/2015	Gareth Lloyd	2 Adult		-Withheld-	-Withheld-	D1117/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	PC
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Selected from Interactive Map)	05/02/2015	Trevor Britton	20		-Withheld-	-Withheld-	D1117/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	PC
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Estimated (Centroid of Site))	25/04/2015	Nick Thomas	6 Lekking Males Seen	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Observation Point Grid Reference)	4 records, between 24/04/2015 and 11/03/2020	Chris Mellenchip; Mr John Marchant	20 Lekking Males Seen; 1 Females Seen; 10; 3	Live Sighting	-Withheld-	-Withheld-	D1448/001/01 , D1297/026/01 , D1297/039/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA, PC, UA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Observation Point Grid Reference)	24/04/2015	Chris Mellenchip	1 Females Seen	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, 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>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Observation Point Grid Reference)	24/04/2015	Daniel Jenkins- Jones; Heather Galliford	1 Lekking Males Seen	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Observation Point Grid Reference)	2 records, both on 24/04/2015	Daniel Jenkins- Jones; Heather Galliford	2 Lekking Males Seen; 2 Females Seen	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Observation Point Grid Reference)	24/04/2015	Daniel Jenkins- Jones; Heather Galliford	4 Lekking Males Heard	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Observation Point Grid Reference)	22/04/2016	Simon Hugheston- Roberts	2 Lekking Males Seen	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Observation Point Grid Reference)	2 records, between 22/04/2016 and 28/04/2017	Elwyn Sharps; Chris Mellenchip; Elwyn Sharps; Sarah Sanders	18 Lekking Males Seen; 1 Females Seen; 18 Lekking Males Seen	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Observation Point Grid Reference)	22/04/2016	Heather Galliford; Sharon Thompson	9 Lekking Males Seen; 1 Females Seen	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Selected from Interactive Map)	08/07/2016	Tom Knight	1 Male		-Withheld-	-Withheld-	D1748/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	PC
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Observation Point Grid Reference)	28/04/2017	Elwyn Sharps; Sarah Sanders	11 Lekking Males Seen	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, 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>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (<i>Observation Point Grid Reference</i>)	28/04/2017	Emma Broad	2 Lekking Males Seen	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (<i>Observation Point Grid Reference</i>)	28/04/2017	Chris Bailey; Heather Galliford	4 Lekking Males Seen	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25	07/07/2016	Mr I Jones	1		-Withheld-	-Withheld-	D1297/021/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	PC
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25	2 records, between 30/04/2016 and 20/04/2018	Mr N French; Emma Broad	49; 13 Lekking Males Seen	Live Sighting	-Withheld-	-Withheld-	D1297/021/01 , D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	PC, NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25	07/05/2016	Mr J M Skeffington	9		-Withheld-	-Withheld-	D1297/021/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	PC
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (<i>Selected from Interactive Map</i>)	19/08/2017	Tom Knight	3		-Withheld-	-Withheld-	D1748/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	PC
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (<i>Approximate</i>)	16/03/2018	Tom Knight	2 Male		-Withheld-	-Withheld-	D1748/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	PC
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (<i>Estimated (From Recorder's Map)</i>)	20/04/2018	Heather Galliford	11 Lekking Males Seen	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (<i>Estimated (From Recorder's Map)</i>)	2 records, both on 20/04/2018	Emma Broad	3 Lekking Males Seen; 1 Lekking Males Heard	Live Sighting	-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, 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>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (<i>Selected from Interactive Map</i>)	10/04/2019	Thomas Hiles	5		-Withheld-	-Withheld-	D1448/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	PC
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25	6 records, between 21/03/2008 and 04/05/2013	Tim Ross; Dermot J Smith; Steven Davies	1; 1 Male; 12 Male; 5 Female	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01 , D1297/025/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA, PC
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25	4 records, between 21/03/2008 and 07/12/2008	Dermot J Smith	1; 2 Male; 2; 4	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01 , D1297/025/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA, PC
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25	12 records, between 07/04/2008 and 23/04/2019	Kevin J Smith; Andrew Wallbank; Neil Hughes; Steven Davies; Steve Jones; Barrie J Roberts; Nicholas Godden; Mr James Hughes	3; 20; 1 Female; 5 Male; 7; 1; 13; 5; 4; 11	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01 , D1297/025/01 , D1297/026/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA, PC
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25	31 records, between 20/11/2005 and 25/04/2015	Corinne R Williams; Robin Sandham; Neil Hughes; Helen Conrad; Barry Lynes; Julie Chicken; John Lawton Roberts; Des James; Jenny Thomas; Mike Radcliffe; Trevor Britton; Ros Lane; Anthony John Roberts;	3; 6; 7; 1 Female; 1 Male; 2 Female; 3 Female; 4 Female; 1; 10 Male; 11; 11 Male; 12; 13 Male; 14; 2; 6 Male; 9; 9 Male; 8; 5; 5+	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01 , D1297/025/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA, PC
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25	13 records, between 31/03/1986 and 11/07/2018	Kevin J Smith; Norma Williams; Graham Jones; Mrs Brenda Gough	4; 10; 11; 1; 3	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01 , D1297/025/01 , D1297/042/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA, PC, UA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25	35 records, between 01/04/2006 and 05/07/2019	Bob Lane; Julie Chicken; Julie Rogers; Stephen Mcavoy; Shelagh A Halsey; David Keelling; Edward Jones; AC Irving; John Marchant; Peter A Sketch; SJ Hall; Steven Davies; Trevor B Taylor; Mr Shaun Nie...	8; 1 Female; 1 Male; 3 Female; 4 Male; 5 Male; 6 Male; 7 Male; 8 Male; 10; 1; 12; 2; 18; 4; 2+; 29; 8+; 3; c3	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01 , D1297/025/01 , D1297/026/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA, PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25	37 records, between 13/04/2010 and 07/03/2020	Kevin J Smith; Rob Swift; Neil Hughes; MJ Wheeler; Tony G Jackson; Mark R Hipkin; Babette Daniels; Gareth M Blockley; Nicholas Godden; Anon; Suzanne Coleman; Andy J Bevan; DW Rothwell; Ifor Jones; NM	10; 4; 5; 6; 1; 9; 2; 21; 10+; 5+; 7+; 7; 17; 42; 47; 20+; 30+; 20; 32; 12; 26; 13; 37; 8; 51; 32+; 18; 28	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA, PC, UA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25	29 records, between 01/04/2005 and 07/02/2020	Louise Jones; Julie Rogers; Julie Chicken; Steven Davies; N Duggan; Roger Halsey; TM Towey; Declan Savage; Dave Beevers; Emma Broad; John D Gambles; Colin A Penny; Justin B Williams; Paul E Miller;...	1 Male; 3 Male; 4 Male; 4+ Male; 5 Female; 5 Male; 6 Male; 2; 13; 12; 14; 12+; 11; 51; 30; 18; 5; 9; 25+; 16; 21; 15; 22; 17	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	NA, PC, UA
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Selected from Interactive Map)	05/05/2020	Kim Norman	6 Adult Male		-Withheld-	-Withheld-	D1117/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	PC
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25	5 records, between 21/05/2006 and 11/10/2016	Henry RA Cook; Glenn E Morris; Louise Bailey; Samuel El Jones	6+; 6; 1; 8; 12		-Withheld-	-Withheld-	D1297/025/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	PC
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25	2 records, between 22/03/2018 and 24/03/2018	Anne Brenchley; Anon	14+		-Withheld-	-Withheld-	D1297/025/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	PC
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25	2 records, between 19/04/2008 and 23/06/2008	Dermot J Smith	1		-Withheld-	-Withheld-	D1297/025/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	PC
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25	18/04/2015	Steven Davies	1		-Withheld-	-Withheld-	D1297/025/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, 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>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25	06/08/2016	Steven Davies	3		-Withheld-	-Withheld-	D1297/025/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	PC
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25	10/04/2016	Rupert J Pyrah	12+		-Withheld-	-Withheld-	D1297/025/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	PC
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Selected from Interactive Map)	19/05/2020	Catherine James	2 Adult Male		-Withheld-	-Withheld-	D1117/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	PC
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25	07/02/2013	Martyn Harris	12	Field record	-Withheld-	-Withheld-	D0969/001/05	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	PC
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Selected from Interactive Map)	30/07/2020	Catherine James	1 Adult Male	Live Sighting	-Withheld-	-Withheld-	D1117/001/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	PC
<i>Lyrurus tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25 (Approximate)	2 records, both on 27/01/2020	Mr James Shrimpton	1		-Withheld-	-Withheld-	D1297/039/01 , D1297/040/01	BAP, BDir2.2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-VU, S7, UKBR, WBR	UA
<i>Meles meles</i> (Badger / Mochyn Daear)	SJ2352	16/03/2008	Clwyd Badger Group		Badger Sett	-Withheld-	-Withheld-	D0059/001/03	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-W, PBA	NA
<i>Meles meles</i> (Badger / Mochyn Daear)	SJ2452	21/02/2008	Clwyd Badger Group		Badger Sett	-Withheld-	-Withheld-	D0059/001/03	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-W, PBA	NA
<i>Meles meles</i> (Badger / Mochyn Daear)	SJ2454	23/07/2005	Clwyd Badger Group		Badger Sett	-Withheld-	-Withheld-	D0059/001/03	Bern3, LBAP-C, LBAP-D, LBAP-F, LBAP-W, PBA	NA
<i>Milvus milvus</i> (Red Kite / Barcud)	SJ25 (Selected from Interactive Map)	3 records, between 19/03/2006 and 10/09/2014	Paul Martin; Anthony John Roberts; Steven Davies	1 Juvenile Male; 1 Juvenile Female; 1; 2		-Withheld-	-Withheld-	D1117/001/01 , D1297/025/01	BDir1, Bonn2, CITES-A, LBAP- C, LBAP-G, WBA, WCA1.1	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Milvus milvus</i> (Red Kite / Barcud)	SJ25 (Selected from Interactive Map)	3 records, between 20/09/2014 and 15/03/2016	Paul Martin; Anon; John F Jones	1 Juvenile Female; 2; 1		-Withheld-	-Withheld-	D1117/001/01 , D1297/025/01	BDir1, Bonn2, CITES-A, LBAP-C, LBAP-G, WBA, WCA1.1	PC
<i>Milvus milvus</i> (Red Kite / Barcud)	SJ25 (Selected from Interactive Map)	4 records, between 26/03/2015 and 26/04/2017	Paul Martin; Ifor Jones; Derek J Gruar	1 Juvenile Male; 1 Juvenile Male; 1 Juvenile Female; 1		-Withheld-	-Withheld-	D1117/001/01 , D1297/025/01	BDir1, Bonn2, CITES-A, LBAP-C, LBAP-G, WBA, WCA1.1	PC
<i>Milvus milvus</i> (Red Kite / Barcud)	SJ25 (Selected from Interactive Map)	24/04/2018	Chris Boyle	1 Full-Grown		-Withheld-	-Withheld-	D1117/001/01	BDir1, Bonn2, CITES-A, LBAP-C, LBAP-G, WBA, WCA1.1	PC
<i>Milvus milvus</i> (Red Kite / Barcud)	SJ25	2 records, between 11/02/2006 and 07/05/2017	Kevin J Smith; Norma Williams	1	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01 , D1297/025/01	BDir1, Bonn2, CITES-A, LBAP-C, LBAP-G, WBA, WCA1.1	NA, PC
<i>Milvus milvus</i> (Red Kite / Barcud)	SJ25	10/04/2009	Julie Chicken	1	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01	BDir1, Bonn2, CITES-A, LBAP-C, LBAP-G, WBA, WCA1.1	NA
<i>Milvus milvus</i> (Red Kite / Barcud)	SJ25	4 records, between 19/04/2009 and 14/06/2020	Steven Davies; Mr Steven Davies	1		-Withheld-	-Withheld-	D1297/025/01 , D1297/039/01 , D1297/040/01	BDir1, Bonn2, CITES-A, LBAP-C, LBAP-G, WBA, WCA1.1	PC, UA
<i>Milvus milvus</i> (Red Kite / Barcud)	SJ25	30/05/2020	Gwilym James			-Withheld-	-Withheld-	D1117/001/01	BDir1, Bonn2, CITES-A, LBAP-C, LBAP-G, WBA, WCA1.1	PC
<i>Milvus milvus</i> (Red Kite / Barcud)	SJ25	10/04/2019	Martyn Harris	3	Field record	-Withheld-	-Withheld-	D0969/001/05	BDir1, Bonn2, CITES-A, LBAP-C, LBAP-G, WBA, WCA1.1	UA
<i>Muscicapa striata</i> (Spotted Flycatcher / Gwybedog Mannog)	SJ2452	13/05/2012	Helen Conrad	2	Reported to recorder	Gwynfryn, W	Survey: Observer data	D0062/008/01	BAP, Bern2, Bonn2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBR, WBR	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Muscicapa striata</i> (Spotted Flycatcher / Gwybedog Mannog)	SJ2351	2 records, between 26/05/2012 and 27/05/2012	Jenny Thomas; Bob Lane	2	Reported to recorder	Pendinas, Reservoir	Survey: Observer data	D0062/008/01	BAP, Bern2, Bonn2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBR, WBR	NA
<i>Muscicapa striata</i> (Spotted Flycatcher / Gwybedog Mannog)	SJ2354	28/05/2012	Steven Davies	1		Rhydtalog	BirdTrack. Activity: H	D1297/025/01	BAP, Bern2, Bonn2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBR, WBR	PC
<i>Mustela putorius</i> (Polecat / Ffwlbart)	SJ218518 (Supplied by Original Recorder (Approximate))	01/10/2001	Les Starling		Dead on road	On road near Llandegla	looked young	D0995/001/01	BAP, Bern3, CHS4, GBNNSIP, HDir5, LBAP-C, LBAP-F, LBAP-G, LBAP-S, S7	UA
<i>Mustela putorius</i> (Polecat / Ffwlbart)	SJ2408054210	06/03/2014	Kim Norman		Dead on road	On road across Llandegla moor	In morning	D1544/001/01	BAP, Bern3, CHS4, GBNNSIP, HDir5, LBAP-C, LBAP-F, LBAP-G, LBAP-S, S7	KC
<i>Mustela putorius</i> (Polecat / Ffwlbart)	SJ231524	26/06/2006	Brian Burnett			Fishery bends	Dead on road	D0112/001/01	BAP, Bern3, CHS4, GBNNSIP, HDir5, LBAP-C, LBAP-F, LBAP-G, LBAP-S, S7	KC
<i>Mustela putorius</i> (Polecat / Ffwlbart)	SJ255528	13/04/2014	Steven Davies		Dead on road	Bwlchgwyn	Classification: Unverified	D1544/002/01	BAP, Bern3, CHS4, GBNNSIP, HDir5, LBAP-C, LBAP-F, LBAP-G, LBAP-S, S7	UA
<i>Myotis</i> (Myotis Bat species)	SJ2551	2 records, both on 06/12/2013	Anon @ Clwyd Bat Group; Mr K. Davies	1	Bat Roost	-Withheld-	-Withheld-	D0098/001/02 , D1681/001/03	Bern2, Bonn2, CHS2, HDir4, WCA5	NA
<i>Myotis</i> (Myotis Bat species)	SJ2551	20 records, between 16/01/1993 and 18/01/2020	Anon @ Clwyd Bat Group; Mr K. Davies	1; 2; 4; 5; 8; 11	Bat Roost	-Withheld-	-Withheld-	D0098/001/02 , D0098/002/01 , D1681/001/03 , D0098/005/01	Bern2, Bonn2, CHS2, HDir4, WCA5	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Myotis daubentonii</i> (Daubenton's Bat / Ystlum y Dwr)	SJ2551	67 records, between 29/02/1992 and 29/01/2020	Sam Dyer; Anon @ Clwyd Bat Group; Mr K. Davies	Adult M; 1; 2; 3; 4; 5	Bat Roost	-Withheld-	-Withheld-	D1543/002/01 , D0098/001/02 , D0098/002/01 , D0098/003/01 , D0098/004/01 , D1681/001/03 , D0098/005/01	Bern2, Bonn2, CHS2, HDir4, LBAP-C, LBAP-D, LBAP-F, LBAP-G, WCA5	NA
<i>Myotis daubentonii</i> (Daubenton's Bat / Ystlum y Dwr)	SJ2552 (Supplied by Original Recorder (Checked))	4 records, between 26/02/2011 and 03/03/2012	Robert Jones; Robert Jones; SAH	3 Individual; 1 Individual; 2 Individual	Bat Roost	-Withheld-	-Withheld-	D1666/001/01	Bern2, Bonn2, CHS2, HDir4, LBAP-C, LBAP-D, LBAP-F, LBAP-G, WCA5	NA
<i>Myotis daubentonii</i> (Daubenton's Bat / Ystlum y Dwr)	SJ2551	6 records, between 03/03/1991 and 06/12/2013	Anon @ Clwyd Bat Group; Mr K. Davies	1; 3; 4	Bat Roost	-Withheld-	-Withheld-	D0098/001/02 , D1681/001/03	Bern2, Bonn2, CHS2, HDir4, LBAP-C, LBAP-D, LBAP-F, LBAP-G, WCA5	NA
<i>Myotis mystacinus</i> (Whiskered Bat / Ystlum Barfog)	SJ2551	2 records, between 29/02/1992 and 04/10/2012	Sam Dyer; Anon @ Clwyd Bat Group	Adult M; 1	Bat Roost	-Withheld-	-Withheld-	D1543/002/01 , D0098/001/02	Bern2, Bonn2, CHS2, HDir4, LBAP-D, LBAP-F, LBAP-G, RL-DD, WCA5	NA
<i>Myotis mystacinus</i> (Whiskered Bat / Ystlum Barfog)	SJ2551	30/03/2005	Amanda Davies	2 (Exact)		-Withheld-	-Withheld-	D1923/001/01	Bern2, Bonn2, CHS2, HDir4, LBAP-D, LBAP-F, LBAP-G, RL-DD, WCA5	NA
<i>Myotis mystacinus/brandtii</i> (Whiskered/Brandt's Bat)	SJ2551	9 records, between 03/03/1992 and 27/02/2016	Anon @ Clwyd Bat Group; Mr K. Davies	1; 2	Bat Roost	-Withheld-	-Withheld-	D0098/001/02 , D1681/001/03	Bern2, Bonn2, CHS2, HDir4, LBAP-C, RL-DD, WCA5	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Myotis mystacinus/brandt</i> ii (Whiskered/Brandt's Bat)	SJ2551	34 records, between 23/02/1992 and 29/01/2020	Anon @ Clwyd Bat Group; Mr K. Davies	1; 2; 3	Bat Roost	-Withheld-	-Withheld-	D0098/001/02 , D0098/002/01 , D0098/004/01 , D1681/001/03 , D0098/005/01	Bern2, Bonn2, CHS2, HDir4, LBAP-C, RL-DD, WCA5	NA
<i>Myotis mystacinus/brandt</i> ii (Whiskered/Brandt's Bat)	SJ2552	2 records, between 10/12/2006 and 06/12/2008	Anon @ Clwyd Bat Group	1	Bat Roost	-Withheld-	-Withheld-	D0098/001/02	Bern2, Bonn2, CHS2, HDir4, LBAP-C, RL-DD, WCA5	NA
<i>Myotis nattereri</i> (Natterer's Bat / Ystlum Natterer)	SJ2551	194 records, between 23/02/1992 and 29/01/2020	Sam Dyer; Anon @ Clwyd Bat Group; Mr K. Davies	Adult M; Juvenile M; Adult F; 2; 4; 7; 8; 10; 11; 12; 13; 14; 15; 16; 17; 19; 20; 21; 22; 24; 25; 26; 27; 28; 29; 30; 31; 32; 34; 35; 37; 38; 39; 41; 42; 43; 44; 47; 48; 51; 52; 53; 65; 67; 57; 55;...	Bat Roost	-Withheld-	-Withheld-	D1543/002/01 , D0098/001/02 , D0098/002/01 , D0098/003/01 , D0098/004/01 , D1681/001/03 , D0098/005/01	Bern2, Bonn2, CHS2, HDir4, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, WCA5	NA
<i>Myotis nattereri</i> (Natterer's Bat / Ystlum Natterer)	SJ2552 (Supplied by Original Recorder (Checked))	6 records, between 26/02/2011 and 03/03/2012	Robert Jones; Robert Jones; SAH	50 Individual; 16 Individual; 32 Individual; 39 Individual; 2 Individual; 1 Individual	Bat Roost	-Withheld-	-Withheld-	D1666/001/01	Bern2, Bonn2, CHS2, HDir4, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, WCA5	NA
<i>Myotis nattereri</i> (Natterer's Bat / Ystlum Natterer)	SJ2552	2 records, between 02/03/2008 and 03/03/2012	Anon @ Clwyd Bat Group	1	Bat Roost	-Withheld-	-Withheld-	D0098/001/02	Bern2, Bonn2, CHS2, HDir4, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, WCA5	NA
<i>Myotis nattereri</i> (Natterer's Bat / Ystlum Natterer)	SJ2551	14 records, between 04/03/1995 and 09/03/2019	Anon @ Clwyd Bat Group; Mr K. Davies; Recorder Name Undisclosed	1; 2; 4	Bat Roost	-Withheld-	-Withheld-	D0098/001/02 , D0098/003/01 , D0098/004/01 , D1681/001/03	Bern2, Bonn2, CHS2, HDir4, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, WCA5	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Myotis nattereri</i> (Natterer's Bat / Ystlum Natterer)	SJ2551	30/03/2005	Amanda Davies	20 (Exact)		-Withheld-	-Withheld-	D1923/001/01	Bern2, Bonn2, CHS2, HDir4, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, WCA5	NA
<i>Natrix helvetica</i> (Grass Snake / Neidr y Gwair)	SJ2553	2 records, both in 1990	Mark Lee; Lee, Mark			Bwlchgwyn Quarry		D0035/002/01 , D1076/001/02	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	PC, NA
<i>Natrix helvetica</i> (Grass Snake / Neidr y Gwair)	SJ253535	07/06/2011	Sue & Karl Hayes	1 Adult	Live Sighting	Bwlchgwyn	Regularly seen around the farm	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Natrix helvetica</i> (Grass Snake / Neidr y Gwair)	SJ242530	20/07/2014	Steven Davies	1 Slough/Skin		Nant-y-Ffrith Reservoir		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	PC
<i>Natrix helvetica</i> (Grass Snake / Neidr y Gwair)	SJ2352052008 (GPS Reading)	11/10/2019	Mick Brummage	1 Juvenile	Under artificial refuge	Llandegla Forest	One year old. First record of this spp.	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Natrix helvetica</i> (Grass Snake / Neidr y Gwair)	SJ2501252073 (GPS Reading)	09/06/2020	Mick Brummage and Dave E Williams	1 Sub-adult	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Natrix helvetica</i> (Grass Snake / Neidr y Gwair)	SJ2500152071 (GPS Reading)	2 records, both on 15/06/2020	Mick Brummage and Dave E Williams; Mick Brummage, Dave Williams	1 Sub-adult	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Natrix helvetica</i> (Grass Snake / Neidr y Gwair)	SJ2559551860 (GPS Reading)	15/06/2020	Mick Brummage and Dave E Williams	1 Adult	Live Sighting	Y Parc, Minera		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Natrix helvetica</i> (Grass Snake / Neidr y Gwair)	SJ245531 (Selected from Interactive Map)	25/04/2021	Steven Davies	1 Adult		Nant-y-Ffrith Reservoir	Dead on track	D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ241534 (Estimated (Centroid of Site))	~ 2005	BASC Recorder (15534803-3)				Shoot Size Range: 0-3km	D0132/001/02	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	PC
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ244526 (Estimated (Centroid of Site))	~ 2005	BASC Recorder (1654802-1)				Shoot Size Range: 0-3km	D0132/001/02	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	PC
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ227537 (Estimated (Centroid of Site))	2 records, between 23/04/2013 and 28/04/2017	Des James; Simon Hugheston- Roberts; Neil Cowie	1 Adult Male	Live Sighting	LMZ: Ruabon 03		D1448/002/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	NA
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ242511 (Estimated (From Recorder's Map))	23/04/2013	Chris Mellenchip; Richard May	2	Live Sighting	LMZ: Ruabon 06	Flying over	D1448/002/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	NA
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ235503 (Estimated (Centroid of Site))	23/04/2013	Glyn Williams	1	Live Sighting	LMZ: Ruabon 08	Seen at 7:30	D1448/002/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	NA
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ234540 (Estimated (From Recorder's Map))	25/04/2014	Simon Hugheston- Roberts	1 Adult	Live Sighting	LMZ: Ruabon 03		D1448/002/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	NA
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ245522 (Estimated (From Recorder's Map))	25/04/2014	Chris Mellenchip	1 Adult	Live Sighting	LMZ: Ruabon 06	Heard, not seen.	D1448/002/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	NA
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ254516 (Estimated (From Recorder's Map))	25/04/2014	Chris Mellenchip	1 Adult	Live Sighting	LMZ: Ruabon 06	Heard, not seen.	D1448/002/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	NA
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ246507 (Estimated (From Recorder's Map))	25/04/2014	Chris Mellenchip	1 Adult	Live Sighting	LMZ: Ruabon 06	Heard, not seen.	D1448/002/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ2353 (Selected from Interactive Map)	4 records, between 30/04/2004 and 28/03/2017	David Thorpe; David Richardson; John Lawton Roberts	1 Adult; 1; 3 Female; 3 Male	Auditory record; Reported to recorder	Maes Maelor	Repeated calling; Survey: Observer data	D1331/002/01 , D0062/008/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	PC, NA
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ234541 (Observation Point Grid Reference)	28/04/2017	Simon Hugheston-Roberts; Neil Cowie	1 Adult Male		LMZ: Ruabon 03		D1448/002/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	NA
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ251524 (Selected from Interactive Map)	11/04/2018	Mick Brummage	1 Adult		Minera		D1814/001/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	PC
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ239531 (Approximate)	April 2018	Victoria Knight	1 Adult		Llandegla		D1814/001/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	PC
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ239539 (Selected from Interactive Map)	June 2018	Pete Corcoran	2 Adult		Maes Maelor		D1814/001/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	PC
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ237537 (Selected from Interactive Map)	July 2018	Pete Corcoran	2 Adult		Maes Maelor		D1814/001/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	PC
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ236539 (Selected from Interactive Map)	May 2018	Peter Corcoran	2 Adult		Maes Maelor		D1814/001/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	PC
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ240533 (Selected from Interactive Map)	May 2018	Pete Corcoran	2 Adult		Maes Maelor		D1814/001/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	PC
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ241540 (Selected from Interactive Map)	10/04/2019	Rhun Jones	2 Adult		Near Rhydtalog		D1814/001/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ249539 (Approximate)	07/04/2019	Amanda Hurst	1 Adult		Heard from fields lying south east of Gwern Hall	Approx 9.30 am whilst on a walk across footpaths and fields	D1814/001/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	PC
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ2352 (Selected from Interactive Map)	4 records, between 19/04/2008 and 17/04/2019	Thomas Hiles; Julie Rogers; Tim Ross; Dermot J Smith	3 Adult; 1	Reported to recorder	Llandegla Fishery	Mobbed Kestrel; Survey: Observer data; Activity: S. Survey: Observer data; Birdtrack. Activity: S	D1814/001/01 , D0062/008/01 , D1297/025/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	PC, NA
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ256520 (Selected from Interactive Map)	01/05/2019	Chris Jones	1		Minera Quarry		D1814/001/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	PC
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ2552	2 records, between 01/06/2004 and 02/05/2009	Norman Hallas; Steven Davies	1	Reported to recorder	Gwynfryn	Chasing a Buzzard. Survey: Observer data; Birdtrack. Activity: F	D0062/008/01 , D1297/025/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	NA, PC
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ2450	5 records, between 04/05/2009 and 12/05/2016	Hilary Nash; John Lawton Roberts; Kevin J Smith; MJ Wheeler; Rob Swift	1	Reported to recorder	Ruabon Mountain, Esclusham Mountain, W	Display Flight. Survey: Observer data; Mobbing a raptor. Activity: H. Survey: Observer data; Activity: S. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	NA, PC
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ2253	23/04/2009	Tim Ross	1	Reported to recorder	Moel Garegog, NE	Flew southeast. Survey: Observer data	D0062/008/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	NA
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ2351	26 records, between 01/04/2005 and 19/06/2020	Julie Rogers; Julie Chicken; Trevor Britton; Barry Lynes; Bob Lane; Helen Conrad; Shelagh A Halsey; David Keeling; SJ Hall; Trevor B Taylor; Mr Shaun Nield	1; 2; 3; 6	Reported to recorder	Pendinas, Reservoir	heard. Survey: Observer data; heard calling. Survey: Observer data; Roving record. Survey: Observer data; Survey: Observer data; near black grouse lek. Survey: Observer data; BirdTrack. Activity: S; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/039/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	NA, PC, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ2453	38 records, between 28/03/2004 and 19/04/2020	Julie Chicken; Kevin J Smith; Steven Davies; John Lawton Roberts; John Rushton; Mr Steven Davies	1; 2; 4; 3 Female; 3 Male; 5; 3	Reported to recorder	Nant-y-Ffrith Reservoir	Roving record. Survey: Observer data; Survey: Observer data; timed tetrad visit in SJ25L. Survey: Observer data; Pair. Activity: D. Survey: Observer data; Activity: H. Survey: Observer data; Birdtrack. Activity: H; Birdtrack. Activity: P; Birdtrack.. Activity: H; Birdtrack.. Activity: D; BirdTrack; B...	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01 , D1297/040/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	NA, PC, UA
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ2551	7 records, between 17/04/2005 and 13/04/2018	Julie Rogers; Norman Hallas; TM Towey; Emma Broad; Steven Davies; N Duggan; Colin A Penny	1	Reported to recorder	Ruabon Mountain, Esclusham Mountain, N	Survey: Observer data; Birdtrack. Alarmed by same buzzard. Not seen / heard one here for many years when one was leading chicks down road off moor; BirdTrack	D0062/008/01 , D1297/025/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	NA, PC
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ2550	7 records, between 10/04/2009 and 17/04/2019	Kevin J Smith; Heather Cartwright; Mrs Heather Cartwright	1; 2; 3	Reported to recorder	Ruabon Mountain, Esclusham Mountain	Survey: Observer data; Activity: D. Survey: Observer data; BirdTrack; BirdTrack. Activity: P; Breeding status: D	D0062/008/01 , D1297/025/01 , D1297/026/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	NA, PC
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ2152	10/04/2010	Tim Ross	1	Reported to recorder	Moel Garegog	Survey: Observer data	D0062/008/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	NA
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ2350	5 records, between 09/04/2011 and 26/05/2012	Julie Chicken; Helen Conrad; Jenny Thomas; Robin Sandham	1; 2	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data	D0062/008/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	NA
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ2452	2 records, between 05/05/2012 and 26/05/2013	Ros Lane; Steven Davies	2; 1	Reported to recorder	Gwynfryn, W	Survey: Observer data; BirdTrack. Activity: S	D0062/008/01 , D1297/025/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, 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>Numenius arquata</i> (Curlew / Gylfinir)	SJ2251	5 records, between 03/04/2005 and 02/03/2020	Kevin J Smith; Norma Williams; Mr David Beevers	3	Reported to recorder	Llandegla Forest	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/039/01 , D1297/040/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	NA, PC, UA
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ2454	03/04/2008	Ian M Spence		Reported to recorder	Rhydtalog, E	Singing. Survey: Observer data	D0062/008/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	NA
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ252515 (Selected from Interactive Map)	01/05/2020	Catherine James	2 Adult		Half mile east of Park Farm, Minera		D1814/001/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	PC
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ243513 (Estimated Centroid of Site))	06/05/2020	Catherine James	1 Adult		Minera mountain		D1814/001/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	PC
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ2250	3 records, between 21/05/2006 and 28/04/2013	Henry RA Cook; Louise Bailey	2; 2+		Llandegla Forest, S	Birdtrack; BirdTrack	D1297/025/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	PC
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ2153	12 records, between 28/04/2010 and 20/05/2020	Steven Davies; Mr James Shrimpton	1; 2		Moel Garegog, N	Birdtrack.: Activity: H	D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	PC, UA
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ2354	3 records, between 20/04/2009 and 04/05/2013	Steven Davies	1; 2		Rhydtalog	Birdtrack. Activity: S; BirdTrack. Activity: S; BirdTrack. Activity: P	D1297/025/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	PC
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ2254	27/04/2013	Steven Davies	1		Rhydtalog, W	BirdTrack	D1297/025/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	PC
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ2151	10/04/2016	Rupert J Pyrah			Tafarn-y-garth	BirdTrack	D1297/025/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ2451	2 records, between 22/04/2019 and 23/04/2019	Mr James Hughes; John Lawton Roberts	1		Gwynfryn, SW	Breeding activity: Singing male	D1297/026/01 , D0062/010/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, S7, UKBR, WBR	PC, NA
<i>Numenius phaeopus</i> (Whimbrel / Coegylfinir)	SJ25	2 records, between 30/04/2004 and 05/05/2008	Steven Davies; John Lawton Roberts	1	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01	BDir2.2, Bonn2, LBAP-C, LBAP-G, RL-CR, UKBR, WBA, WCA1.1	NA
<i>Numenius phaeopus</i> (Whimbrel / Coegylfinir)	SJ25	22/04/2018	Justin B Williams	2		-Withheld-	-Withheld-	D1297/025/01	BDir2.2, Bonn2, LBAP-C, LBAP-G, RL-CR, UKBR, WBA, WCA1.1	PC
<i>Orthosia gracilis</i> (Powdered Quaker / Crynwr Llychlyd)	SJ256521	02/06/2018	A.N. & J.E.Graham	10+ larval		Eisteddfod Farm, Gwynfryn	Numerous spinings on meadowsweet	D1991/001/01	BAP, LBAP-G, S7	NA
<i>Pandion haliaetus</i> (Osprey / Gwalch y Pysgod)	SJ25 (Selected from Interactive Map)	28/03/2019	Thomas Hiles	1		-Withheld-	-Withheld-	D1117/001/01	BDir1, Bonn2, CITES-A, LBAP-G, RL-NT, UKBA, WBA, WCA1.1	PC
<i>Pandion haliaetus</i> (Osprey / Gwalch y Pysgod)	SJ25	2 records, both on 05/04/2007	Steven Davies; Anon (BirdGuides)	1	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01	BDir1, Bonn2, CITES-A, LBAP-G, RL-NT, UKBA, WBA, WCA1.1	NA
<i>Pandion haliaetus</i> (Osprey / Gwalch y Pysgod)	SJ25	15/05/2007	Ron Plummer	1	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01	BDir1, Bonn2, CITES-A, LBAP-G, RL-NT, UKBA, WBA, WCA1.1	NA
<i>Pandion haliaetus</i> (Osprey / Gwalch y Pysgod)	SJ25	14/04/2004	Simon Hugheston-Roberts	1	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01	BDir1, Bonn2, CITES-A, LBAP-G, RL-NT, UKBA, WBA, WCA1.1	NA
<i>Pandion haliaetus</i> (Osprey / Gwalch y Pysgod)	SJ25	2 records, between 03/04/2007 and 13/04/2012	Jim Gaffney Per JLR; Julie Chicken	1	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01	BDir1, Bonn2, CITES-A, LBAP-G, RL-NT, UKBA, WBA, WCA1.1	NA

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)	SJ2453	28 records, between 29/03/2002 and 19/04/2020	Anon; Steven Davies; Mr Steven Davies	4; 2; 3; 1; 2+	Reported to recorder	Wrexham Denbighshire	Occurrence ID: NBN-GA000567-BGBW2008-22135309-139300009; Survey: Observer data; Birdtrack. Activity: H; BirdTrack; BirdTrack. Activity: P	D1852/001/01 , D0062/008/01 , D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01 , D1297/041/01	BAP, LBAP-C, LBAP-F, LBAP-G, S7, UKBR, WBA	PC, NA, UA
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ2552	8 records, between 13/12/2007 and 27/12/2017	Anon; Julie Chicken; Steven Davies	7; 3+; 5	Reported to recorder	Wrexham Denbighshire	Occurrence ID: NBN-GA000567-BGBW2008-22135312-139376766; Occurrence ID: NBN-GA000656-BGBW2009-16440297-106601966; Survey: Observer data; BirdTrack; BirdTrack. Activity: H; Bird Track	D1852/001/01 , D1852/002/01 , D0062/008/01 , D1297/025/01	BAP, LBAP-C, LBAP-F, LBAP-G, S7, UKBR, WBA	PC, NA
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ2252	10/04/2010	Tim Ross	1	Reported to recorder	Llandegla, Moel Garegog, E	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)	SJ2553	29/06/2011	Steven Davies	1		Bwlchgwyn, W	BirdTrack	D1297/025/01	BAP, LBAP-C, LBAP-F, LBAP-G, S7, UKBR, WBA	PC
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ2354	3 records, between 20/04/2009 and 04/05/2013	Steven Davies			Rhydtalog	Birdtrack. Activity: H; BirdTrack. Activity: N; BirdTrack	D1297/025/01	BAP, LBAP-C, LBAP-F, LBAP-G, S7, UKBR, WBA	PC
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ2454	25/06/2009	Steven Davies	2		Rhydtalog, E	Birdtrack. Activity: H	D1297/025/01	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)	SJ257523	27/09/2012	Martyn Harris	5	Field record	Gwynfryn, near Minera, Denbighshire		D0969/001/05	BAP, LBAP-C, LBAP-F, LBAP-G, S7, UKBR, WBA	PC
<i>Perdix perdix</i> (Grey Partridge / Petrissen)	SJ2352	1999	John Lawton Roberts			Llandegla	Breeding	D0216/001/03	BAP, BDir2.1, GBNNSIP, LBAP- A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC
<i>Perdix perdix</i> (Grey Partridge / Petrissen)	SJ241534 (Estimated (Centroid of Site))	~ 2005	BASC Recorder (15534803-3)				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>Perizoma albulata</i> (Grass Rivulet / Gwregys y Gwair)	SJ256522	13/06/2003	J.B. Formstone	2 Adult		Minera quarry North	Habitat: Scrub: scattered. Method: Netted	D1285/001/03	BAP, S7	NA
<i>Perizoma albulata</i> (Grass Rivulet / Gwregys y Gwair)	SJ252524	3 records, between 20/06/2012 and 25/07/2012	Graham, A.N. & J.E.; A.N. & J.E.Graham	1 Adult; Adult		Minera Quarry	Method: Sweeping; Method: swept	D1285/001/03 , D1991/001/01	BAP, S7	NA
<i>Perizoma albulata</i> (Grass Rivulet / Gwregys y Gwair)	SJ250520	16/05/1984	M. Newstead, Joan Morgan, Hugh Michaelis	1		Minera Quarry		D0217/001/04	BAP, S7	NA
<i>Perizoma albulata</i> (Grass Rivulet / Gwregys y Gwair)	SJ256530	26/06/2017	A.N. & J.E.Graham	Adult		Gwynfryn	Method: by day	D1991/001/01	BAP, S7	NA
<i>Perizoma albulata</i> (Grass Rivulet / Gwregys y Gwair)	SJ248526	26/05/2020	A.N. & J.E.Graham	1 Adult		Eisteddfod Farm, Gwynfryn	Method: day	D1991/001/01	BAP, S7	NA
<i>Phylloscopus sibilatrix</i> (Wood Warbler / Telor y Coed)	SJ2551	4 records, between 28/04/2014 and 30/05/2019	N Duggan; Dr Anne Brenchley	1; 2		Ruabon Mountain, Esclusham Mountain, N	BirdTrack; Bird Track; Breeding status: T; Breeding status: S	D1297/025/01 , D1297/026/01	BAP, LBAP-C, LBAP-G, LBAP-S, 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>Plecotus auritus</i> (Brown Long-eared Bat / Ystlum Hirglust)	SJ2551 (Supplied by Original Recorder (Unchecked))	161 records, between 23/02/1992 and 29/01/2020	Keith Davies; Sam Dyer; Anon @ Clwyd Bat Group; Mr K. Davies	1; Adult M; Adult F; 2; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12; 13; 15	Bat Roost	-Withheld-	-Withheld-	D0026/054/01 , D1543/002/01 , D0098/001/02 , D0098/002/01 , D0098/003/01 , D0098/004/01 , D1681/001/03 , D0098/005/01	BAP, Bern2, Bonn2, CHS2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, WCA5	NA
<i>Plecotus auritus</i> (Brown Long-eared Bat / Ystlum Hirglust)	SJ2552 (Supplied by Original Recorder (Checked))	4 records, between 26/02/2011 and 03/03/2012	Robert Jones; Robert Jones; SAH	7 Individual; 2 Individual; 6 Individual; 3 Individual	Bat Roost	-Withheld-	-Withheld-	D1666/001/01	BAP, Bern2, Bonn2, CHS2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, WCA5	NA
<i>Plecotus auritus</i> (Brown Long-eared Bat / Ystlum Hirglust)	SJ2551	4 records, between 01/03/2014 and 13/01/2018	Anon @ Clwyd Bat Group; Mr K. Davies; Recorder Name Undisclosed	1	Bat Roost	-Withheld-	-Withheld-	D0098/001/02 , D0098/003/01 , D1681/001/03	BAP, Bern2, Bonn2, CHS2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, WCA5	NA
<i>Plectrophenax nivalis</i> (Snow Bunting / Bras yr Eira)	SJ2450 (Approximate)	25/02/2020	Miss Louise Bacon	1		Esclusham Mountain	flew along road then off across moorland	D1297/039/01	Bern2, LBAP-C, RL-EN, WBA, WCA1.1	UA
<i>Pluvialis apricaria</i> (Golden Plover / Cwtiad Aur)	SJ2550	02/11/2014	Annie N Haycock			Ruabon Mountain, Esclusham Mountain	BirdTrack	D1297/025/01	BDir1, BDir2.2, Bonn2, LBAP-C, LBAP-F, LBAP-G, LBAP-S, S7, WBR	PC
<i>Pluvialis apricaria</i> (Golden Plover / Cwtiad Aur)	SJ2551	28/04/2017	Emma Broad			Ruabon Mountain, Esclusham Mountain, N	BirdTrack	D1297/025/01	BDir1, BDir2.2, Bonn2, LBAP-C, LBAP-F, LBAP-G, LBAP-S, S7, WBR	PC
<i>Pluvialis apricaria</i> (Golden Plover / Cwtiad Aur)	SJ2450	16/11/2016	Gareth M Blockley	150+		Ruabon Mountain, Esclusham Mountain, W	BirdTrack	D1297/025/01	BDir1, BDir2.2, Bonn2, LBAP-C, LBAP-F, LBAP-G, LBAP-S, S7, WBR	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Poecile palustris</i> (Marsh Tit / Titw'r Wern)	SJ2552	21/03/2011	Mike S Jones	1 Adult	Reported to recorder	Gwynfryn	Survey: Observer data	D0062/008/01	BAP, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	NA
<i>Prunella modularis</i> (Dunnock / Llwyd y Gwrych)	SJ2552	5 records, between 13/12/2007 and 30/05/2019	Anon; Julie Chicken; Steven Davies; Dr Anne Brenchley	2; 1; 2+	Reported to recorder		Occurrence ID: NBN-GA000656-BGBW2009-16440297-106166414; Survey: Observer data; BirdTrack. Activity: H; Bird Track; Breeding status: S	D1852/002/01 , D0062/008/01 , D1297/025/01 , D1297/026/01	BAP, Bern2, LBAP-C, S7, UKBA	PC, NA
<i>Prunella modularis</i> (Dunnock / Llwyd y Gwrych)	SJ2553	3 records, between 24/01/2009 and 29/06/2011	Anon; Steven Davies	2			Occurrence ID: NBN-GA000656-BGBW2009-16440250-106166558; Birdtrack. Activity: P; BirdTrack	D1852/002/01 , D1297/025/01	BAP, Bern2, LBAP-C, S7, UKBA	PC
<i>Prunella modularis</i> (Dunnock / Llwyd y Gwrych)	SJ2252	4 records, between 21/05/2008 and 22/07/2017	Anon; Dermot J Smith; Steven Davies	2; 1			Occurrence ID: NBN-GA000656-BGBW2009-16438467-106165642; Birdtrack. Activity: FF; BirdTrack	D1852/002/01 , D1297/025/01	BAP, Bern2, LBAP-C, S7, UKBA	PC
<i>Prunella modularis</i> (Dunnock / Llwyd y Gwrych)	SJ2353	09/12/2005	Julie Rogers	1	Reported to recorder	Llandegla Forest, NE	Survey: Observer data	D0062/008/01	BAP, Bern2, LBAP-C, S7, UKBA	NA
<i>Prunella modularis</i> (Dunnock / Llwyd y Gwrych)	SJ2351	14 records, between 04/05/2008 and 05/07/2019	Julie Chicken; Helen Conrad; Trevor Britton; Bob Lane; Jenny Thomas; Stephen Mcavoy; Steven Davies; Andy J Bevan; Neil Hughes; SJ Hall; Mr T Taylor; Dr Anne Brenchley	1; 2	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; Birdtrack; BirdTrack; BirdTrack. Activity: H; Breeding status: S	D0062/008/01 , D1297/025/01 , D1297/026/01	BAP, Bern2, LBAP-C, S7, UKBA	NA, PC
<i>Prunella modularis</i> (Dunnock / Llwyd y Gwrych)	SJ2350	2 records, between 01/04/2012 and 27/07/2013	Julie Chicken; Steven Davies	1	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	BAP, Bern2, LBAP-C, S7, UKBA	NA, PC

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)	SJ2452	2 records, between 28/02/2011 and 04/05/2012	Julie Chicken; Steven Davies	1	Reported to recorder	Gwynfryn, W	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	BAP, Bern2, LBAP-C, S7, UKBA	NA, PC
<i>Prunella modularis</i> (Dunnock / Llwyd y Gwrych)	SJ2251	4 records, between 26/03/2017 and 12/07/2017	Norma Williams			Llandegla Forest	BirdTrack	D1297/025/01	BAP, Bern2, LBAP-C, S7, UKBA	PC
<i>Prunella modularis</i> (Dunnock / Llwyd y Gwrych)	SJ2352	19/05/2018	John Finnan			Llandegla Forest, NE		D1297/025/01	BAP, Bern2, LBAP-C, S7, UKBA	PC
<i>Prunella modularis</i> (Dunnock / Llwyd y Gwrych)	SJ2250	2 records, between 21/05/2006 and 21/02/2019	Henry RA Cook; Mr James Hughes	2		Llandegla Forest, S	Birdtrack; Breeding status: S	D1297/025/01 , D1297/026/01	BAP, Bern2, LBAP-C, S7, UKBA	PC
<i>Prunella modularis</i> (Dunnock / Llwyd y Gwrych)	SJ2451	21/02/2017	Neil Hughes	1		Gwynfryn, SW	BirdTrack	D1297/025/01	BAP, Bern2, LBAP-C, S7, UKBA	PC
<i>Prunella modularis</i> (Dunnock / Llwyd y Gwrych)	SJ2152	12/07/2012	Steven Davies	1		Moel Garegog	BirdTrack. Activity: H	D1297/025/01	BAP, Bern2, LBAP-C, S7, UKBA	PC
<i>Prunella modularis</i> (Dunnock / Llwyd y Gwrych)	SJ2453	22 records, between 19/04/2009 and 01/03/2020	Steven Davies; John Rushton; Mr Steven Davies	1; 2; 3		Nant-y-Ffrith Reservoir	Birdtrack. Activity: H; Birdtrack.; BirdTrack; BirdTrack. Activity: A; BirdTrack. Activity: P; BirdTrack. Activity: H	D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01	BAP, Bern2, LBAP-C, S7, UKBA	PC, 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)	SJ2454	25/06/2009	Steven Davies			Rhydtalog, E	Birdtrack. Activity: H	D1297/025/01	BAP, Bern2, LBAP-C, S7, UKBA	PC
<i>Prunella modularis</i> (Dunnock / Llwyd y Gwrych)	SJ2550	4 records, between 15/03/2016 and 03/08/2020	John F Jones; Mr J Jones	1; 2		Ruabon Mountain, Esclusham Mountain	BirdTrack	D1297/025/01 , D1297/039/01	BAP, Bern2, LBAP-C, S7, UKBA	PC, UA
<i>Prunella modularis</i> (Dunnock / Llwyd y Gwrych)	SJ2551	3 records, between 28/04/2014 and 20/06/2020	N Duggan; Steven Davies; Mr Steven Davies	1		Ruabon Mountain, Esclusham Mountain, N	BirdTrack	D1297/025/01 , D1297/039/01	BAP, Bern2, LBAP-C, S7, UKBA	PC, UA
<i>Prunella modularis</i> (Dunnock / Llwyd y Gwrych)	SJ2450	2 records, between 05/04/2014 and 26/04/2017	Rob Swift; Derek J Gruar			Ruabon Mountain, Esclusham Mountain, W	BirdTrack	D1297/025/01	BAP, Bern2, LBAP-C, S7, UKBA	PC
<i>Prunella modularis</i> (Dunnock / Llwyd y Gwrych)	SJ2151	10/04/2016	Rupert J Pyrah			Tafarn-y-garth	BirdTrack	D1297/025/01	BAP, Bern2, LBAP-C, S7, UKBA	PC
<i>Pyrrhonorax pyrrhonorax</i> (Chough / Brân Goesgoch)	SJ25	16/11/2016	Gareth M Blockley	4		-Withheld-	-Withheld-	D1297/025/01	BDir1, Bern2, LBAP-A, LBAP-C, LBAP-G, LBAP-S, RL-VU, S7, WBA, WCA1.1	PC
<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ2552	3 records, between 24/01/2009 and 27/12/2017	Anon; Steven Davies	1; 2			Occurrence ID: NBN-GA000656-BGBW2009-16440297-105743995; BirdTrack	D1852/002/01 , D1297/025/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBA, WBR	PC

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)	SJ2453	27 records, between 30/11/2004 and 27/12/2020	Steven Davies; Julie Chicken; Mr Steven Davies	3; 5; 6; 2 Male; 2; 1 Female; 1	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; Birdtrack; Birdtrack.. Activity: P; Birdtrack.; BirdTrack; BirdTrack. Activity: P; Breeding status: P	D0062/008/01 , D1297/025/01 , D1297/027/01 , 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)	SJ2553	3 records, between 28/06/2007 and 19/05/2014	Steven Davies; Ian M Spence	1 Female; 2; 4	Reported to recorder	Bwlchgwyn, W	Bwlchgwyn Quarry. Survey: Observer data; Birdtrack.. Activity: H; BirdTrack	D0062/008/01 , D1297/025/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBA, WBR	NA, PC
<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ2351	6 records, between 02/05/2009 and 05/07/2019	Julie Chicken; Steven Davies; Neil Hughes; Trevor B Taylor; Mr Shaun Nield; Mr T Taylor	1 Male; 1; 2	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; Bird Track; BirdTrack; Activity: 1 Flying (Male)	D0062/008/01 , D1297/025/01 , D1297/026/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBA, WBR	NA, PC
<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ2250	16/06/2010	Neil Hughes	1	Reported to recorder	Llandegla Forest, S	Roving. Activity: S. Survey: Observer data	D0062/008/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBA, WBR	NA
<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ2251	5 records, between 15/06/2017 and 25/07/2018	Steven Davies; Norma Williams; Dave Beevers; Graham Jones	1; 4		Llandegla Forest	BirdTrack	D1297/025/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBA, WBR	PC
<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ2353	07/05/2008	Dermot J Smith	1		Llandegla, Moor, NE	Birdtrack. Activity: H	D1297/025/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBA, WBR	PC
<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ2354	21/04/2014	Lizzy Webster	2		Rhydtalog	BirdTrack	D1297/025/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBA, WBR	PC
<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ2550	5 records, between 25/05/2014 and 22/01/2020	Zac Hinchcliffe; John F Jones; Mr J Jones	2; 4; 5		Ruabon Mountain, Esclusham Mountain	BirdTrack	D1297/025/01 , D1297/039/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBA, WBR	PC, UA
<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ2350	2 records, between 20/11/2005 and 28/01/2006	Anthony John Roberts	3		Ruabon Mountain, Esclusham Mountain, far W	Birdtrack; Between: 11:00-11:00. Two males, but didn't get a good look at the third.	D1297/025/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBA, WBR	PC

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<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ2551	5 records, between 28/02/2011 and 20/06/2020	Steven Davies; N Duggan; Mr Steven Davies	1; 2		Ruabon Mountain, Esclusham Mountain, N	BirdTrack; BirdTrack. Activity: P	D1297/025/01 , D1297/039/01	BAP, LBAP-C, LBAP-D, LBAP-F, LBAP-G, S7, UKBA, WBR	PC, UA
<i>Rana temporaria</i> (Common Frog / Broga)	SJ237518 (Estimated Centroid of Transect))	29/05/2003	Leonard Perry, Philippa Perry	Larvae		Llandegla; Forest	Torching. Between SJ240520 and SJ232517	D0026/279/01	Bern3, HDir5, LBAP-A, LBAP-C, LBAP-F, LBAP-T, WCA5	PC
<i>Rana temporaria</i> (Common Frog / Broga)	SJ24915085	01/06/1992	Anon - Herpetofauna Consultants International					D1122/002/01	Bern3, HDir5, LBAP-A, LBAP-C, LBAP-F, LBAP-T, WCA5	NA
<i>Rana temporaria</i> (Common Frog / Broga)	SJ25475130 (GPS Reading)	24/03/2014	Mick Brummage			Esclusham Mountain	40+ spawn clumps in pond	D1117/001/01	Bern3, HDir5, LBAP-A, LBAP-C, LBAP-F, LBAP-T, WCA5	PC
<i>Rana temporaria</i> (Common Frog / Broga)	SJ23545199 (Selected from Interactive Map)	01/03/2014	Mick Brummage			Llandegla Forest	Several spawn clumps in ditch	D1480/001/01	Bern3, HDir5, LBAP-A, LBAP-C, LBAP-F, LBAP-T, WCA5	PC
<i>Rana temporaria</i> (Common Frog / Broga)	SJ23015233 (Selected from Interactive Map)	13/05/2016	Paul Furnborough; Stephen Smith	1 Adult (Sex Unknown)	Torch Count	Llandegla Forest: Pond 1	Fleeting glimpse - uncertain whether frog or toad	D1320/014/01	Bern3, HDir5, LBAP-A, LBAP-C, LBAP-F, LBAP-T, WCA5	NA
<i>Rana temporaria</i> (Common Frog / Broga)	SJ24935263 (GPS Reading)	11/04/2018	Mick Brummage	Frog Spawn		Gwynfryn		D1480/001/01	Bern3, HDir5, LBAP-A, LBAP-C, LBAP-F, LBAP-T, WCA5	PC
<i>Rana temporaria</i> (Common Frog / Broga)	SJ25205218 (GPS Reading)	11/04/2018	Mick Brummage	Frog Spawn		Minera Quarry		D1480/001/01	Bern3, HDir5, LBAP-A, LBAP-C, LBAP-F, LBAP-T, WCA5	PC
<i>Rana temporaria</i> (Common Frog / Broga)	SJ23565198 (Selected from Interactive Map)	2 records, between 13/03/2018 and 22/02/2021	Mick Brummage	30 Adult	Live Sighting	Llandegla Forest	In ditch below reservoir; Several clumps of spawn in ditch	D1117/001/01	Bern3, HDir5, LBAP-A, LBAP-C, LBAP-F, LBAP-T, WCA5	PC
<i>Rana temporaria</i> (Common Frog / Broga)	SJ23005234	3 records, between 06/01/2016 and 26/05/2016	Recorder Name Withheld	1 adult; 1 F			Source: ARC Excel Import - PondNet Data	D1737/003/01	Bern3, HDir5, LBAP-A, LBAP-C, 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>Rana temporaria</i> (Common Frog / Broga)	SJ23015240	6 records, between 06/01/2016 and 26/05/2016	Recorder Name Withheld	1 adult; 1 F; 1 M; 1 tadpoles - no specific stage			Source: ARC Excel Import - PondNet Data	D1737/003/01	Bern3, HDir5, LBAP-A, LBAP-C, LBAP-F, LBAP-T, WCA5	NA
<i>Rana temporaria</i> (Common Frog / Broga)	SJ231524	21/04/2012	Recorder Name Withheld	1 adult		NARRS1 pond grid reference SJ231524	Source: NARRS Amphibian Visits	D1737/003/01	Bern3, HDir5, LBAP-A, LBAP-C, LBAP-F, LBAP-T, WCA5	NA
<i>Rana temporaria</i> (Common Frog / Broga)	SJ24115208	2 records, both on 14/03/2016	Peter Sketch	51 Adult; Spawn			Males and females egg-laying, and males calling. Very large amount of spawn already in pond. I couldn't really resolve it into clumps - the near part of the pond looked to be almost solid with it.	D1505/001/03	Bern3, HDir5, LBAP-A, LBAP-C, LBAP-F, LBAP-T, WCA5	NA
<i>Rhinolophus hipposideros</i> (Lesser Horseshoe Bat / Ystlum Pedol Lleiaf)	SJ2551	47 records, between 05/12/1992 and 29/01/2020	Sam Dyer; Anon @ Clwyd Bat Group; Mr K. Davies	Adult M; 1; 2; 3; 5	Bat Roost	-Withheld-	-Withheld-	D1543/002/01 , D0098/001/02 , D0098/002/01 , D0098/003/01 , D0098/004/01 , D1681/001/03 , D0098/005/01	BAP, Bern2, Bonn2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-W, S7, WCA5	NA
<i>Rhinolophus hipposideros</i> (Lesser Horseshoe Bat / Ystlum Pedol Lleiaf)	SJ2552 (Supplied by Original Recorder (Checked))	2 records, between 26/02/2011 and 03/03/2012	Robert Jones	13 Individual; 1 Individual	Bat Roost	-Withheld-	-Withheld-	D1666/001/01	BAP, Bern2, Bonn2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-W, S7, WCA5	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Rhinolophus hipposideros</i> (Lesser Horseshoe Bat / Ystlum Pedol Lleiaf)	SJ2551	34 records, between 03/03/1992 and 29/02/2020	Anon @ Clwyd Bat Group; Mr K. Davies; Recorder Name Undisclosed	1; 2; 9; 27; 25; 38; 30; 58; 3; 22; 5; 4; 34; 21; 12; 6	Bat Roost	-Withheld-	-Withheld-	D0098/001/02 , D0098/003/01 , D0098/004/01 , D1681/001/03 , D0098/005/01	BAP, Bern2, Bonn2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-W, S7, WCA5	NA
<i>Rhinolophus hipposideros</i> (Lesser Horseshoe Bat / Ystlum Pedol Lleiaf)	SJ2552	15 records, between 30/11/2003 and 29/02/2020	Anon @ Clwyd Bat Group	1; 2; 3; 4; 5; 7; 22; 12; 9	Bat Roost	-Withheld-	-Withheld-	D0098/001/02 , D0098/003/01 , D0098/004/01 , D0098/005/01	BAP, Bern2, Bonn2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-W, S7, WCA5	NA
<i>Scotopteryx chenopodiata</i> (Shaded Broad-bar / Rhesen Lydan Dywyll)	SJ257520	17/07/2018	A.N. & J.E.Graham	2 Adult		Eisteddfod Farm, Gwynfryn	Method: Rob-125W-MV plus two actinics	D1991/001/01	BAP, LBAP-G, S7	NA
<i>Spilosoma lubricipeda</i> (White Ermine / Ermin Gwyn)	SJ241523	3 records, between 06/06/2012 and 09/09/2012	M.Bellingham, H. Davies, H. John; M.Bellingham, H. Davies	1 Adult		Llandegla Forest (near car park)	22:00 - 02:15. Habitat: Forest. Method: 125W MV Skinner; 22:00 - 01:30. Habitat: Forest. Method: 125W MV Skinner	D1285/001/03	BAP, LBAP-G, S7	NA
<i>Spilosoma lutea</i> (Buff Ermine / Ermin Llwydfelyn)	SJ241523	5 records, between 06/06/2012 and 09/09/2012	M.Bellingham, H. Davies, H. John; M.Bellingham, H. Davies	1 Adult; 2 Adult		Llandegla Forest (near car park)	22:00 - 02:15. Habitat: Forest. Method: 125W MV Skinner; 22:00 - 01:30. Habitat: Forest. Method: 125W MV Skinner	D1285/001/03	BAP, LBAP-G, S7	NA
<i>Spilosoma lutea</i> (Buff Ermine / Ermin Llwydfelyn)	SJ252522	03/07/2019	A.N. & J.E.Graham	2 Adult		Eisteddfod Farm, Gwynfryn	Method: to actinic	D1991/001/01	BAP, LBAP-G, S7	NA
<i>Streptopelia turtur</i> (Turtle Dove / Turtur)	SJ2452	30/05/2004	John Lawton Roberts	2	Reported to recorder	Gwynfryn, W	Survey: Observer data	D0062/008/01	BAP, BDir2.2, CITES-A, LBAP-C, LBAP-G, RL-CR, S7, UKBR, WBR	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ2254	29/07/2004	John Lawton Roberts	16	Reported to recorder	Rhydtalog, W	Survey: Observer data	D0062/008/01	BAP, BDir2.2, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	NA
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ2252	01/02/2009	Dermot J Smith	27	Reported to recorder	Llandegla, Moel Garegog, E	Survey: Observer data	D0062/008/01	BAP, BDir2.2, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	NA
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ2453	75 records, between 21/03/2002 and 27/12/2020	Steven Davies; Julie Chicken; John Lawton Roberts; Mr Steven Davies	50; 150; 25 Juvenile; 20; 1; 10; 25; 11; 14; 19; 3; 6; 40; 7; 30; 10+; 15+; 25+; 40+; 60+; 20+; 90+; 5+; 2; 5; 50+; 300; 15; 200+; 80+; c70; 9	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; timed tetrad visit in SJ25L. Survey: Observer data; Birdtrack; Birdtrack. Activity: H; Birdtrack.; Birdtrack.. Activity: H; Birdtrack.. Activity: F; BirdTrack; BirdTrack. Activity: H; BirdTrack. Activity: FL	D0062/008/01 , D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01 , D1297/041/01	BAP, BDir2.2, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	NA, PC, UA
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ2251	2 records, between 20/02/2004 and 26/02/2006	John Lawton Roberts	400; 80+	Reported to recorder	Llandegla Forest	Moving SW parallel with forest edge. Survey: Observer data; Survey: Observer data	D0062/008/01	BAP, BDir2.2, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	NA
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ2354	25/10/2009	Ian M Spence	300+	Reported to recorder	Rhydtalog	Survey: Observer data	D0062/008/01	BAP, BDir2.2, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	NA
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ2352	3 records, between 07/05/2008 and 19/05/2018	Dermot J Smith; Robin Sandham; John Finnan	2; 16		Llandegla Forest, NE	Birdtrack. Activity: N; Birdtrack. with thrush flock on Larch Bank	D1297/025/01	BAP, BDir2.2, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ2552	3 records, between 02/05/2009 and 27/12/2017	Steven Davies	1; 5		Gwynfryn	Birdtrack. Activity: F; Bird Track; BirdTrack	D1297/025/01	BAP, BDir2.2, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ2451	21/02/2017	Neil Hughes	40		Gwynfryn, SW	BirdTrack	D1297/025/01	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)	SJ2452	26/06/2010	Steven Davies			Gwynfryn, W	Birdtrack.: Activity: F	D1297/025/01	BAP, BDir2.2, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ2454	2 records, between 25/06/2009 and 21/01/2011	Steven Davies	1		Rhydtalog, E	Birdtrack. Activity: F; BirdTrack	D1297/025/01	BAP, BDir2.2, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ2450	3 records, between 13/11/2016 and 15/04/2019	Gareth M Blockley; MJ Wheeler; Mr Malcolm Down	30+		Ruabon Mountain, Esclusham Mountain, W	BirdTrack	D1297/025/01 , D1297/026/01	BAP, BDir2.2, LBAP-C, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ2450 (Supplied by Original Recorder)	2 records, between 1992 and 01/06/1992	Anon - Herpetofauna Consultants International; Anon - CCW	Present		-Withheld-	-Withheld-	D1122/001/01 , D0137/001/01	BAP, Bern2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-S, LBAP-T, LBAP-W, S7, WCA5	NA
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ2552 (Selected from Interactive Map)	19/08/2017	Tom Knight	1 Juvenile		-Withheld-	-Withheld-	D1480/001/01	BAP, Bern2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-S, LBAP-T, LBAP-W, S7, WCA5	PC
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ2352	3 records, between 04/05/2006 and 11/05/2006	John Daniel Crowder	4 Adult (Exact); 2 Adult (Exact); 25 Adult (Exact)		-Withheld-	-Withheld-	D1923/001/01	BAP, Bern2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-S, LBAP-T, LBAP-W, S7, WCA5	NA
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ2352	4 records, between 06/01/2016 and 26/05/2016	Recorder Name Withheld	1 tadpoles - no specific stage; 1 adult		-Withheld-	-Withheld-	D1737/003/01	BAP, Bern2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-S, LBAP-T, LBAP-W, S7, WCA5	NA
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Gribog)	SJ2352	4 records, between 06/01/2016 and 26/05/2016	Recorder Name Withheld	1 tadpoles - no specific stage; 1 adult		-Withheld-	-Withheld-	D1737/003/01	BAP, Bern2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-S, LBAP-T, LBAP-W, S7, WCA5	NA

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)	SJ2552 (Selected from Interactive Map)	2 records, between 27/04/2020 and 13/05/2021	Rhian Hughes; Jonathon Hulson; A.C.L Jones; Jordan Hurst	2 Adult Male; 3 Adult Male; 2 Adult Female	Torch Count	-Withheld-	-Withheld-	D1320/014/01	BAP, Bern2, CHS2, HDir2, HDir4, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-S, LBAP-T, LBAP-W, S7, WCA5	NA
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ247516 (Estimated Centroid of Site))	30/10/1985	Janice Butler and Dawn Gray			Aber Sychnant Grassland		D1239/012/01	BAP, BDir1, Bern2, RL-EN, RL-VU	PC
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ249519 (Estimated Centroid of Site))	02/06/2018	Anon			Minera Quarry		D1823/001/01	BAP, BDir1, Bern2, RL-EN, RL-VU	PC
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ2252	6 records, between 19/04/2008 and 22/07/2017	Anon; Dermot J Smith; Steven Davies	5+; 1			Occurrence ID: NBN-GA000656-BGBW2009-16438467-106813448; Birdtrack. Activity: T; BirdTrack; BirdTrack. Activity: H	D1852/002/01 , D1297/025/01	BAP, BDir1, Bern2, RL-EN, RL-VU	PC
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ2353	15/05/2004	David Richardson	1	Reported to recorder	Llandegla, Moor, NE	Survey: Observer data	D0062/008/01	BAP, BDir1, Bern2, RL-EN, RL-VU	NA
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ2351	36 records, between 15/04/2005 and 22/03/2020	Julie Rogers; Julie Chicken; Mike Radcliffe; Barry Lynes; Jenny Thomas; Des James; Trevor Britton; Helen Conrad; Stephen Mcavoy; Steven Davies; Ray Eades; Shelagh A Halsey; David Keeling; John Marc...	1; 3; 4; 6; 10; 5+; 14; 5; 2	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; Birdtrack; Birdtrack.: Activity: H; BirdTrack; BirdTrack. Activity: S; Bird Track; Breeding status: S	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	BAP, BDir1, Bern2, RL-EN, RL-VU	NA, PC, UA
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ2453	70 records, between 21/03/2002 and 30/08/2020	Julie Chicken; Steven Davies; John Rushton; Mr Steven Davies	1; 4; 2; 3; 4 Adult 2 Juvenile 2	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; timed tetrad visit in SJ25L. Survey: Observer data; Birdtrack; Birdtrack. Activity: S; Birdtrack.; BirdTrack; BirdTrack. Activity: S; BirdTrack. Activity: FL	D0062/008/01 , D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01 , D1297/041/01	BAP, BDir1, Bern2, RL-EN, RL-VU	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)	SJ2551	9 records, between 02/05/2009 and 15/08/2020	Julie Chicken; Steven Davies; Norman Hallas; Justin B Williams; Dr Anne Brechley; Mr Steven Davies	1; 2	Reported to recorder	Ruabon Mountain, Esclusham Mountain, N	Survey: Observer data; Birdtrack. Activity: S; Birdtrack; BirdTrack; Breeding status: S	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	BAP, BDir1, Bern2, RL-EN, RL-VU	NA, PC, UA
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ2152	10/04/2010	Tim Ross	1	Reported to recorder	Moel Garegog	Survey: Observer data	D0062/008/01	BAP, BDir1, Bern2, RL-EN, RL-VU	NA
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ2452	4 records, between 04/05/2012 and 22/03/2018	Ros Lane; Julie Chicken; Ray Eades; Anne Brechley	1; 3	Reported to recorder	Gwynfryn, W	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	BAP, BDir1, Bern2, RL-EN, RL-VU	NA, PC
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ2350	3 records, between 28/01/2006 and 09/06/2012	Corinne R Williams; Julie Chicken; Anthony John Roberts	1; 2	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data; Birdtrack	D0062/008/01 , D1297/025/01	BAP, BDir1, Bern2, RL-EN, RL-VU	NA, PC
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ2451	3 records, between 15/04/2012 and 21/02/2017	Julie Chicken; Barrie J Roberts; Neil Hughes	2; 1	Reported to recorder	Gwynfryn, SW	Survey: Observer data; Bird Track; BirdTrack	D0062/008/01 , D1297/025/01	BAP, BDir1, Bern2, RL-EN, RL-VU	NA, PC
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ2552	4 records, between 02/05/2009 and 30/05/2019	Bob Lane; Steven Davies; Dr Anne Brechley	2; 1	Reported to recorder	Gwynfryn	Survey: Observer data; Birdtrack. Activity: S; BirdTrack; Breeding status: S	D0062/008/01 , D1297/025/01 , D1297/026/01	BAP, BDir1, Bern2, RL-EN, RL-VU	NA, PC
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ2250	8 records, between 21/05/2006 and 07/02/2017	Neil Hughes; Henry RA Cook; Steven Davies; Louise Bailey; Samuel El Jones	2; 4+; 1	Reported to recorder	Llandegla Forest, S	Roving. Activity: S. Survey: Observer data; Birdtrack; BirdTrack	D0062/008/01 , D1297/025/01	BAP, BDir1, Bern2, RL-EN, RL-VU	NA, PC
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ2553	2 records, between 03/06/2010 and 07/07/2012	Steven Davies	1		Bwlchgwyn, W	Birdtrack.. Activity: S; BirdTrack. Activity: FF	D1297/025/01	BAP, BDir1, Bern2, RL-EN, RL-VU	PC
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ2251	15 records, between 19/04/2009 and 11/07/2018	Steven Davies; Norma Williams; Graham Jones	1; 2		Llandegla Forest	Birdtrack. Activity: S; BirdTrack	D1297/025/01	BAP, BDir1, Bern2, RL-EN, RL-VU	PC
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ2352	2 records, between 27/07/2011 and 19/05/2018	Steven Davies; John Finnan			Llandegla Forest, NE	BirdTrack	D1297/025/01	BAP, BDir1, Bern2, RL-EN, RL-VU	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ2153	12/07/2012	Steven Davies	2		Moel Garegog, N	BirdTrack. Activity: P	D1297/025/01	BAP, BDir1, Bern2, RL-EN, RL-VU	PC
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ2253	28/05/2012	Steven Davies	1		Moel Garegog, NE	BirdTrack. Activity: S	D1297/025/01	BAP, BDir1, Bern2, RL-EN, RL-VU	PC
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ2454	2 records, between 25/06/2009 and 22/07/2018	Steven Davies	1		Rhydtalog, E	Birdtrack. Activity: H	D1297/025/01	BAP, BDir1, Bern2, RL-EN, RL-VU	PC
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ2254	2 records, between 27/04/2013 and 09/08/2014	Steven Davies	1		Rhydtalog, W	BirdTrack	D1297/025/01	BAP, BDir1, Bern2, RL-EN, RL-VU	PC
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ2550	13 records, between 25/05/2014 and 03/08/2020	Zac Hinchcliffe; Darren C Coombs; DV Avis; John F Jones; Kenny D Hall; Jim Shrimpton; Mr J F Jones; Mr Mark Breaks; Mr J Jones; Mr James Shrimpton	2; 8; 1		Ruabon Mountain, Esclusham Mountain	BirdTrack	D1297/025/01 , D1297/026/01 , D1297/039/01	BAP, BDir1, Bern2, RL-EN, RL-VU	PC, UA
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ2450	5 records, between 25/05/2013 and 25/03/2016	Steven Davies; Rob Swift; Andy J Bevan	1; 2		Ruabon Mountain, Esclusham Mountain, W	BirdTrack	D1297/025/01	BAP, BDir1, Bern2, RL-EN, RL-VU	PC
<i>Troglodytes troglodytes</i> (Wren / Dryw)	SJ2151	2 records, between 17/05/2010 and 10/04/2016	Steven Davies; Rupert J Pyrah			Tafarn-y-garth	Birdtrack.: Activity: S; BirdTrack	D1297/025/01	BAP, BDir1, Bern2, RL-EN, RL-VU	PC
<i>Turdus iliacus</i> (Redwing / Coch Dan Adain)	SJ247516 (Estimated Centroid of Site))	30/10/1985	Janice Butler and Dawn Gray			Aber Sychnant Grassland		D1239/012/01	BDir2.2, LBAP-C, RL-CR, UKBR, WBA, WCA1.1	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Turdus iliacus</i> (Redwing / Coch Dan Adain)	SJ2453	19 records, between 11/10/2005 and 27/12/2020	Julie Chicken; Steven Davies; Mr Steven Davies	12; 25; 1500; 1; 2; 10+; 15+; 25+; 15; 5; c10; c30	Reported to recorder	Nant-y-Ffrith Reservoir	timed tetrad visit in SJ25L. Survey: Observer data; Survey: Observer data; thrush flocks flying over all morning, most heading SE. Survey: Observer data; Birdtrack; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/039/01 , D1297/040/01	BDir2.2, LBAP-C, RL-CR, UKBR, WBA, WCA1.1	NA, PC, UA
<i>Turdus iliacus</i> (Redwing / Coch Dan Adain)	SJ2252	01/02/2009	Dermot J Smith	15	Reported to recorder	Llandegla, Moel Garegog, E	Survey: Observer data	D0062/008/01	BDir2.2, LBAP-C, RL-CR, UKBR, WBA, WCA1.1	NA
<i>Turdus iliacus</i> (Redwing / Coch Dan Adain)	SJ2553	11/10/2007	Steven Davies	20	Reported to recorder	Bwlchgwyn, W	flying south. Survey: Observer data	D0062/008/01	BDir2.2, LBAP-C, RL-CR, UKBR, WBA, WCA1.1	NA
<i>Turdus iliacus</i> (Redwing / Coch Dan Adain)	SJ2251	30/11/2006	JA Jackson	500	Reported to recorder	Llandegla Forest	Roost in conifers - number v/ approximate. Survey: Observer data	D0062/008/01	BDir2.2, LBAP-C, RL-CR, UKBR, WBA, WCA1.1	NA
<i>Turdus iliacus</i> (Redwing / Coch Dan Adain)	SJ2354	20/12/2017	Martin G Williams	120+	Reported to recorder	Rhydtalog	Survey: Observer data	D0062/008/01	BDir2.2, LBAP-C, RL-CR, UKBR, WBA, WCA1.1	NA
<i>Turdus iliacus</i> (Redwing / Coch Dan Adain)	SJ2352	20/02/2013	Robin Sandham	21		Llandegla Forest, NE	BirdTrack	D1297/025/01	BDir2.2, LBAP-C, RL-CR, UKBR, WBA, WCA1.1	PC
<i>Turdus iliacus</i> (Redwing / Coch Dan Adain)	SJ2250	11/10/2016	Samuel El Jones			Llandegla Forest, S	BirdTrack	D1297/025/01	BDir2.2, LBAP-C, RL-CR, UKBR, WBA, WCA1.1	PC
<i>Turdus iliacus</i> (Redwing / Coch Dan Adain)	SJ2451	21/02/2017	Neil Hughes	2		Gwynfryn, SW	BirdTrack	D1297/025/01	BDir2.2, LBAP-C, RL-CR, UKBR, WBA, WCA1.1	PC
<i>Turdus iliacus</i> (Redwing / Coch Dan Adain)	SJ2351	05/12/2015	John Marchant			Pendinas, Reservoir	Bird Track	D1297/025/01	BDir2.2, LBAP-C, RL-CR, UKBR, WBA, WCA1.1	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Turdus iliacus</i> (Redwing / Coch Dan Adain)	SJ2550	2 records, between 09/03/2014 and 08/01/2016	Kevin J Smith; John F Jones	10; 12		Ruabon Mountain, Esclusham Mountain	BirdTrack	D1297/025/01	BDir2.2, LBAP-C, RL-CR, UKBR, WBA, WCA1.1	PC
<i>Turdus iliacus</i> (Redwing / Coch Dan Adain)	SJ2551	20/11/2019	Mr Paul Miller	200+		Wales - Wrexham, Minera		D1297/026/01	BDir2.2, LBAP-C, RL-CR, UKBR, WBA, WCA1.1	PC
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ249519 (Estimated (Centroid of Site))	02/06/2018	Anon			Minera Quarry		D1823/001/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-W, RL-NT, S7, UKBR, WBA	PC
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ2552	3 records, between 24/01/2009 and 03/08/2014	Anon; Steven Davies	1			Occurrence ID: NBN-GA000656- BGBW2009- 16440297- 106813599; Birdtrack. Activity: S; BirdTrack	D1852/002/01 , D1297/025/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-W, RL-NT, S7, UKBR, WBA	PC
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ2453	16 records, between 12/02/2008 and 27/12/2020	Julie Chicken; Steven Davies; Mr Steven Davies	1; 2	Reported to recorder	Nant-y-Ffrith Reservoir	Roving record. Survey: Observer data; timed tetrad visit in SJ25L. Survey: Observer data; Birdtrack. Activity: H; BirdTrack. Activity: H; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-W, RL-NT, S7, UKBR, WBA	NA, PC, UA
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ2351	34 records, between 17/04/2005 and 19/06/2020	Julie Rogers; Julie Chicken; Mike Radcliffe; Barry Lynes; Bob Lane; Des James; Helen Conrad; Trevor Britton; Stephen Mcavoy; Shelagh A Halsey; David Keeling; Steven Davies; Andy J Bevan; Neil Hughes;	1; 2; 3; 4; 4+	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; Birdtrack; BirdTrack. Activity: S; BirdTrack; Bird Track; BirdTrack. Activity: T	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-W, RL-NT, S7, UKBR, WBA	NA, PC, UA
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ2350	3 records, between 01/04/2012 and 09/06/2012	Julie Chicken; Corinne R Williams	1	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data	D0062/008/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-W, RL-NT, S7, UKBR, WBA	NA

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)	SJ2250	3 records, between 21/05/2006 and 28/04/2013	Neil Hughes; Henry RA Cook; Louise Bailey	2; 1	Reported to recorder	Llandegla Forest, S	Roving. Activity: S. Survey: Observer data; Birdtrack; BirdTrack	D0062/008/01 , D1297/025/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-W, RL-NT, S7, UKBR, WBA	NA, PC
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ2251	16 records, between 28/04/2013 and 11/07/2018	Steven Davies; Norma Williams; Dave Beevers; Graham Jones	1; 2		Llandegla Forest	BirdTrack; Activity: FL	D1297/025/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-W, RL-NT, S7, UKBR, WBA	PC
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ2352	2 records, between 19/04/2009 and 19/05/2018	Steven Davies; John Finnan	1		Llandegla Forest, NE	Birdtrack. Activity: S	D1297/025/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-W, RL-NT, S7, UKBR, WBA	PC
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ2252	19/04/2008	Dermot J Smith	5+		Llandegla, Moel Garegog, E	Birdtrack. Activity: T	D1297/025/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-W, RL-NT, S7, UKBR, WBA	PC
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ2451	3 records, between 28/04/2013 and 21/02/2017	Steven Davies; Barrie J Roberts; Neil Hughes	1		Gwynfryn, SW	BirdTrack; Bird Track	D1297/025/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-W, RL-NT, S7, UKBR, WBA	PC
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ2452	2 records, between 26/06/2010 and 10/04/2011	Steven Davies	2; 1		Gwynfryn, W	Birdtrack.. Activity: H; BirdTrack	D1297/025/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-W, RL-NT, S7, UKBR, WBA	PC
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ2454	25/06/2009	Steven Davies	2		Rhydtalog, E	Birdtrack. Activity: FF	D1297/025/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-W, RL-NT, S7, UKBR, WBA	PC
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ2550	7 records, between 15/03/2016 and 03/08/2020	John F Jones; Heather Cartwright; Mike Wakeman; Mr J F Jones; Mr J Jones	3; 2; 1		Ruabon Mountain, Esclusham Mountain	BirdTrack	D1297/025/01 , D1297/026/01 , D1297/039/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-W, RL-NT, S7, UKBR, WBA	PC, UA
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ2551	4 records, between 31/05/2011 and 22/05/2019	Norman Hallas; Steven Davies; Mr James Hughes; Dr Anne Brenchley	1		Ruabon Mountain, Esclusham Mountain, N	BirdTrack; Breeding status: S	D1297/025/01 , D1297/026/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-W, RL-NT, S7, UKBR, WBA	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)	SJ2450	25/03/2016	Rob Swift	1		Ruabon Mountain, Esclusham Mountain, W	BirdTrack. Activity: S	D1297/025/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-W, RL-NT, S7, UKBR, WBA	PC
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ2151	2 records, between 17/05/2010 and 10/04/2016	Steven Davies; Rupert J Pyrah	2		Tafarn-y-garth	Birdtrack.: Activity: FF; BirdTrack	D1297/025/01	BAP, BDir2.2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-W, RL-NT, S7, UKBR, WBA	PC
<i>Turdus pilaris</i> (Fieldfare / Socan Eira)	SJ247516 (Estimated Centroid of Site))	30/10/1985	Janice Butler and Dawn Gray			Aber Sychnant Grassland		D1239/012/01	BDir2.2, LBAP-C, RL-PX, UKBR, WBA, WCA1.1	PC
<i>Turdus pilaris</i> (Fieldfare / Socan Eira)	SJ2453	33 records, between 19/03/2002 and 27/12/2020	Steven Davies; Julie Chicken; Mr Steven Davies	1; 2; 5; 21; 300; 20+; 30; 10; 4; 15+; 20; c8; c10; 25	Reported to recorder	Nant-y-Ffrith Reservoir	last of winter. Survey: Observer data; Survey: Observer data; Roving record. Survey: Observer data; timed tetrad visit in SJ25L. Survey: Observer data; overhead. Survey: Observer data; Birdtrack; Birdtrack;; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01 , D1297/041/01	BDir2.2, LBAP-C, RL-PX, UKBR, WBA, WCA1.1	NA, PC, UA
<i>Turdus pilaris</i> (Fieldfare / Socan Eira)	SJ2551	3 records, between 09/12/2005 and 20/11/2019	Martin G Williams; Julie Rogers; Mr Paul Miller	7; 20+; 50+	Reported to recorder	Ruabon Mountain, Esclusham Mountain, N	Survey: Observer data	D0062/008/01 , D1297/026/01	BDir2.2, LBAP-C, RL-PX, UKBR, WBA, WCA1.1	NA, PC
<i>Turdus pilaris</i> (Fieldfare / Socan Eira)	SJ2252	2 records, between 21/03/2008 and 01/02/2009	Dermot J Smith	15; 70	Reported to recorder	Llandegla, Moel Garegog, E	Survey: Observer data	D0062/008/01	BDir2.2, LBAP-C, RL-PX, UKBR, WBA, WCA1.1	NA
<i>Turdus pilaris</i> (Fieldfare / Socan Eira)	SJ2251	17/12/2006	JA Jackson	200	Reported to recorder	Llandegla Forest	Dusk, moving towards Redwing roost. Survey: Observer data	D0062/008/01	BDir2.2, LBAP-C, RL-PX, UKBR, WBA, WCA1.1	NA
<i>Turdus pilaris</i> (Fieldfare / Socan Eira)	SJ2351	04/04/2009	Julie Rogers		Reported to recorder	Pendinas, Reservoir	Survey: Observer data	D0062/008/01	BDir2.2, LBAP-C, RL-PX, UKBR, WBA, WCA1.1	NA

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)	SJ2550	2 records, between 26/10/2005 and 07/11/2014	JA Jackson; Darren C Coombs	2000+	Reported to recorder	Ruabon Mountain, Esclusham Mountain	Flocks of 200-300 moving SW most of day, biggest passage ever seen by observer. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	BDir2.2, LBAP-C, RL-PX, UKBR, WBA, WCA1.1	NA, PC
<i>Turdus pilaris</i> (Fieldfare / Socan Eira)	SJ2354	23/11/2017	Martin G Williams	40+	Reported to recorder	Rhydtalog	Survey: Observer data	D0062/008/01	BDir2.2, LBAP-C, RL-PX, UKBR, WBA, WCA1.1	NA
<i>Turdus pilaris</i> (Fieldfare / Socan Eira)	SJ2352	17/02/2013	Robin Sandham	30		Llandegla Forest, NE	BirdTrack	D1297/025/01	BDir2.2, LBAP-C, RL-PX, UKBR, WBA, WCA1.1	PC
<i>Turdus pilaris</i> (Fieldfare / Socan Eira)	SJ2552	27/12/2017	Steven Davies	5		Gwynfryn	BirdTrack	D1297/025/01	BDir2.2, LBAP-C, RL-PX, UKBR, WBA, WCA1.1	PC
<i>Turdus pilaris</i> (Fieldfare / Socan Eira)	SJ2451	21/02/2017	Neil Hughes	5		Gwynfryn, SW	BirdTrack	D1297/025/01	BDir2.2, LBAP-C, RL-PX, UKBR, WBA, WCA1.1	PC
<i>Turdus torquatus</i> (Ring Ouzel / Mwyalchen y Mynydd)	SJ250508	07/05/2016	Mr J M Skeffington	2		Esclusha Mountain		D1297/021/01	BAP, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC
<i>Turdus torquatus</i> (Ring Ouzel / Mwyalchen y Mynydd)	SJ2352	19/04/2008	Dermot J Smith	1		Llandegla Forest, NE	Birdtrack. Activity: H	D1297/025/01	BAP, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC
<i>Turdus torquatus</i> (Ring Ouzel / Mwyalchen y Mynydd)	SJ2550	2 records, between 10/04/2015 and 07/05/2016	Anon; J Martin Skeffington	1; 2		Ruabon Mountain, Esclusham Mountain	Bird Track; BirdTrack	D1297/025/01	BAP, Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, S7, UKBR, WBR	PC
<i>Tyria jacobaeae</i> (Cinnabar / Teigr y Benfelen)	SJ255521	21/05/2017	A.N. & J.E.Graham	1 Adult		Eisteddfod Farm, Gwynfryn	Method: by day	D1991/001/01	BAP, LBAP-G, S7	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Tyria jacobaeae</i> (Cinnabar / Teigr y Benfelen)	SJ249519 (Selected from Interactive Map)	12/06/2021	Steven Davies	1 Adult		Minera Quarry		D1117/001/01	BAP, LBAP-G, S7	UA
<i>Tyto alba</i> (Barn Owl / Tylluan Wen)	SJ25 (Estimated (Centroid of Site))	~ 2005	BASC Recorder (15534803-3)			-Withheld-	-Withheld-	D0132/001/02	Bern2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, LBAP-W, WBA, WCA1.1	PC
<i>Tyto alba</i> (Barn Owl / Tylluan Wen)	SJ25 (Supplied by Original Recorder)	24/03/2011	Elizabeth Webster	1	Field record	-Withheld-	-Withheld-	D1419/002/01	Bern2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, LBAP-W, WBA, WCA1.1	PC
<i>Tyto alba</i> (Barn Owl / Tylluan Wen)	SJ25	10 records, between 01/01/2006 and 04/07/2019	Ian M Spence; Peter Chicken	6; 2; 4; 1; 1 Adult; 5 Nestling; 1 fullgrown	Reported to recorder	-Withheld-	-Withheld-	D1509/002/01 , D0062/008/01 , D2012/002/01	Bern2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, LBAP-W, WBA, WCA1.1	NA
<i>Tyto alba</i> (Barn Owl / Tylluan Wen)	SJ25	4 records, between 27/05/2008 and 25/10/2009	Ian M Spence	1; 2		-Withheld-	-Withheld-	D1509/002/01	Bern2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, LBAP-W, WBA, WCA1.1	NA
<i>Tyto alba</i> (Barn Owl / Tylluan Wen)	SJ25	3 records, between 20/07/2016 and 04/07/2019	Ian M Spence	1; 1 Fullgrown; 2 pulli	Reported to recorder	-Withheld-	-Withheld-	D1509/002/01 , D2012/002/01	Bern2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, LBAP-W, WBA, WCA1.1	NA
<i>Tyto alba</i> (Barn Owl / Tylluan Wen)	SJ25 (Selected from Interactive Map)	13/02/2019	Kim Norman	1 Full-Grown		-Withheld-	-Withheld-	D1117/001/01	Bern2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, LBAP-W, WBA, WCA1.1	PC
<i>Tyto alba</i> (Barn Owl / Tylluan Wen)	SJ25	24/11/2015	Martin G Williams	1	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01	Bern2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, LBAP-W, WBA, WCA1.1	NA
<i>Tyto alba</i> (Barn Owl / Tylluan Wen)	SJ25	17/03/2006	Kevin J Smith	1	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01	Bern2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, LBAP-W, WBA, WCA1.1	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Tyto alba</i> (Barn Owl / Tylluan Wen)	SJ25	01/04/2012	Julie Chicken	1	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01	Bern2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, LBAP-W, WBA, WCA1.1	NA
<i>Tyto alba</i> (Barn Owl / Tylluan Wen)	SJ25	15/04/2007	Henry RA Cook	1		-Withheld-	-Withheld-	D1297/025/01	Bern2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, LBAP-W, WBA, WCA1.1	PC
<i>Tyto alba</i> (Barn Owl / Tylluan Wen)	SJ25	27/02/2019	Anon (Gamekeeper)	1		-Withheld-	-Withheld-	D0062/010/01	Bern2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, LBAP-W, WBA, WCA1.1	NA
<i>Tyto alba</i> (Barn Owl / Tylluan Wen)	SJ25 (Selected from Interactive Map)	17/12/2020	Thomas Hiles	1		-Withheld-	-Withheld-	D1117/001/01	Bern2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, LBAP-W, WBA, WCA1.1	UA
<i>Tyto alba</i> (Barn Owl / Tylluan Wen)	SJ25 (Selected from Interactive Map)	21/12/2020	Thomas Hiles	1		-Withheld-	-Withheld-	D1117/001/01	Bern2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, LBAP-W, WBA, WCA1.1	UA
<i>Tyto alba</i> (Barn Owl / Tylluan Wen)	SJ25 (Approximate)	2 records, both on 25/01/2020	Mr James Shrimpton	1		-Withheld-	-Withheld-	D1297/039/01 , D1297/040/01	Bern2, CITES-A, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, LBAP-W, WBA, WCA1.1	UA
<i>Uromyces gentianae</i> (Felwort Rust / Cawod Goch Crwynllys)	SJ24715197 (Supplied by Original Recorder (Checked))	01/11/1985	Dawn Gray and Janice Butler			Eisteddfod Grassland	Habitat: Unimproved calcareous grassland	D1239/012/01	BAP	PC
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ244526 (Estimated (Centroid of Site))	~ 2005	BASC Recorder (1654802-1)				Shoot Size Range: 0-3km	D0132/001/02	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, 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)	SJ242531 (GPS Reading)	21/03/2018	Gordon Plater	6		Nant y ffrith	Flying overhead	D1117/001/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, RL-VU, S7, UKBR, WBR	PC
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ241533 (Selected from Interactive Map)	May 2018	Pete Corcoran	2 Adult		Maes Maelor		D1814/001/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, RL-VU, S7, UKBR, WBR	PC
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ2252	25/03/2007	Norman Hallas	1	Reported to recorder	Llandegla, Moel Garegog, E	displaying. Survey: Observer data	D0062/008/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, RL-VU, S7, UKBR, WBR	NA
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ2453	62 records, between 30/04/2004 and 19/04/2020	Julie Chicken; Steven Davies; John Lawton Roberts; Mr Steven Davies	1; 2; 4; 5; 16; 30; 59; 75; 10+; 23+; 55+; 11; 25; 8; 20+; 30+; 12; 6; 20; 26; 3; 35; 17; 10; 13; 40+; 45+; 9; 21; 60+; 50+; 7; 50	Reported to recorder	Nant-y-Ffrith Reservoir	Roving record. Survey: Observer data; Survey: Observer data; Birdtrack. Activity: H; Birdtrack. Activity: D; Birdtrack; Birdtrack.. Activity: D; Birdtrack.. Activity: H; Birdtrack;; BirdTrack; BirdTrack. Activity: D; BirdTrack. Activity: P; Activity: P	D0062/008/01 , D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, RL-VU, S7, UKBR, WBR	NA, PC, UA
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ2454	3 records, between 03/04/2008 and 29/04/2016	Ian M Spence; Martin G Williams	2	Reported to recorder	Rhydtalog, E	Survey: Observer data; Displaying. Survey: Observer data; Activity: P. Survey: Observer data	D0062/008/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, RL-VU, S7, UKBR, WBR	NA
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ2551	04/04/2016	Martin G Williams	2	Reported to recorder	Ruabon Mountain, Esclusham Mountain, N	Survey: Observer data	D0062/008/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, RL-VU, S7, UKBR, WBR	NA
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ2552	2 records, between 01/06/2004 and 02/05/2009	Norman Hallas; Steven Davies	5+; 2	Reported to recorder	Gwynfryn	Survey: Observer data; Birdtrack. Activity: D	D0062/008/01 , D1297/025/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, RL-VU, S7, UKBR, WBR	NA, PC

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<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ248506	06/05/2020	Catherine James	3 Adult		Minera mountain	Circling together	D1814/001/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, RL-VU, S7, UKBR, WBR	PC
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ2452	10/04/2011	Steven Davies	2		Gwynfryn, W	BirdTrack	D1297/025/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, RL-VU, S7, UKBR, WBR	PC
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ2354	20/04/2009	Steven Davies	1		Rhydtalog	Birdtrack. Activity: H	D1297/025/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, RL-VU, S7, UKBR, WBR	PC
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ2450	16/11/2016	Gareth M Blockley	50+		Ruabon Mountain, Esclusham Mountain, W	BirdTrack	D1297/025/01	BAP, BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, RL-EN, RL-VU, S7, UKBR, WBR	PC
<i>Vipera berus</i> (Adder / Gwiber)	SJ230516 (Selected from Interactive Map)	15/03/2009	Dave E. Williams	2 Male; 1 Female		Llandegla		D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	PC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2351 (Selected from Interactive Map)	29 records, between 31/03/2007 and 15/09/2015	Dave E. Williams; Mick Brummage; Corinne Williams; JA Jackson	1 Male; 1 Adult; 8 Adult; 12 Adult; 4 Adult; 4 Juvenile; 1 Adult Male; 3 Adult Female; 4 Sub-adult Female; 17 Juvenile; 4 Adult Male; 8 Adult Female; 4 Sub-adult; 1 adult female; 6 adults, 1 sub-ad...	Live Sighting	Llandegla	With Dave E Williams; Under refuge; In heathland close to reservoir; Near reservoir; Near Pendinas Reservoir; In heathland adjacent reservoir; By Pendinas Reservoir; In heathland near Pendinas Reservoir; Juveniles born 2010	D1117/001/01 , D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	PC, KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ233519	4 records, between 09/03/2010 and 19/06/2018	Dave E. Williams; Dave E Williams; Mick Brummage	1 Male; 1 Adult; 1 Adult Female; 1 Adult Male	Live Sighting	Llandegla forest	photo by Mick Brummage who was with me	D1117/001/01 , D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ232517	6 records, between 11/08/2008 and 10/10/2010	Dave E. Williams; Dave E Williams; Pete Lancashire; Mick Brummage	1 Sub-adult; 2 Adult; 1 Adult Female; 1 Sub-adult Female; Sub-adult female; Adult female		Llandegla forest	both adults known to the site already; Basking in heathland adjacent reservoir	D1117/001/01 , D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ233517	10 records, between 11/04/2010 and 19/06/2018	Dave E. Williams; Dave E Williams; Mick Brummage; Mick Brummage; Dave E Williams	2 Adult; 2 Adult; 2 Juvenile; 1 Juvenile; 1 Adult Male; 1 Adult Female; 1 Sub-adult; 5 Sub-adult Female; 1 Juvenile; 2 Adult Male; 2 Sub-adult; 3 Juvenile; 2 Adult Male; 1 Sub-adult; 3 Adult Male; ...	Live Sighting	Llandegla	could only photograph 1	D1117/001/01 , D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23425172	27/04/2010	Dave E. Williams	1 Adult		Llandegla	half dead after having been bulldozed by machinery.	D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2337651699	27/04/2010	Dave E. Williams	2 Adult		Llandegla	in close proximity basking	D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	PC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23345190	07/05/2010	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest	Basking in heathland	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ234517	22 records, between 17/04/2009 and 15/04/2019	Mick Brummage; Dave E Williams; Rich Pae; Mick Brummage; Dave E Williams	5 Adult; 2 Juvenile; 1 Sub-adult; 4 Adult; 1 Adult; 3 Adult; 1 Juvenile; 1 Juvenile; Adult male; 2 Juvenile; 4 Adult Female; 1 Sub-adult Female; 1 Adult Female; 7 Juvenile; 2 Adult Female; 1 Sub-ad...	Live Sighting	Llandegla Forest	Basking in heathland and grassland close to reservoir; on peninsula 8am start due to temp, soon too hot for basking.; on peninsula; In heathland near Pendinas Reservoir	D0035/002/01 , D1117/001/01 , D1480/001/01 , D1505/001/03	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC, NA
<i>Vipera berus</i> (Adder / Gwiber)	SJ2343451749 (Selected from Interactive Map)	15/06/2010	Dave E Williams	4 Adult; 1 Sub-adult		Llandegla		D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ233518 (Selected from Interactive Map)	2 records, between 15/06/2010 and 20/06/2010	Dave E Williams	1 Adult; 1 Sub- adult; 1 Adult		Llandegla	sub adult looked like one of last years.	D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2329151762 (Selected from Interactive Map)	07/09/2010	Dave E Williams	1 Sub-adult		Llandegla		D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2348251977 (Selected from Interactive Map)	07/09/2010	Dave E Williams	1 Sub-adult		Llandegla	not sure if it was a juv or 1st year	D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2553	2 records, both in 1990	Mark Lee; Lee, Mark			Bwlchgwyn Quarry		D0035/002/01 , D1076/001/02	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	PC, NA
<i>Vipera berus</i> (Adder / Gwiber)	SJ237519	22/06/2008	Mick Brummage	Adult female		Llandegla Forest	Basking in heathland adjacent reservoir	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2344251768 (Selected from Interactive Map)	25/03/2011	Dave E Williams	2 Adult; 2 Juvenile		Llandegla forest		D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23415170 (Selected from Interactive Map)	25/03/2011	Dave E Williams	1 Adult		Llandegla forest		D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23355176 (Selected from Interactive Map)	25/03/2011	Dave E Williams	1 Adult		Llandegla forest		D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23425174	19/03/2011	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ23415172	19/03/2011	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23405174 (Selected from Interactive Map)	5 records, between 12/04/2011 and 25/02/2020	Dave E Williams; Mick Brummage	1 Juvenile; 1 Adult Male; 1 Adult Female; 1 Sub-adult; 2 Adult; 2 Sub-adult; 1 Adult Male	Live Sighting	Llandegla forest	Next to a refuge.; Sheltering from sun	D1117/001/01 , D0035/002/01 , D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23455176 (Selected from Interactive Map)	2 records, between 12/04/2011 and 20/03/2012	Dave E Williams; Mick Brummage	1 Adult Male; 1 Adult Female	Live Sighting	Llandegla forest	Milky eyed.	D1117/001/01 , D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23345177 (Selected from Interactive Map)	12/04/2011	Dave E Williams	1 Juvenile		Llandegla forest		D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23415174	20/03/2012	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23395175	2 records, between 20/03/2012 and 25/09/2018	Mick Brummage; Dave E Williams	1 Adult Female; 2 Adult	Live Sighting	Llandegla Forest		D0035/002/01 , D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23295176	20/03/2012	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23435178	20/03/2012	Mick Brummage	1 Juvenile	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23645192	20/03/2012	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ2340451708 (GPS Reading)	22/05/2012	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest	With Dave Williams and Steve Palin	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2339451759 (GPS Reading)	22/05/2012	Mick Brummage	1 Juvenile; 1 Adult Female	Live Sighting	Llandegla Forest	With Dave Williams and Steve Palin	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ234516	22/09/2012	Mick Brummage	1 Adult Male; 3 Sub-adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ238534 (Estimated (Centroid of Site))	23/04/2013	Nick Thomas	1	Live Sighting	LMZ: Ruabon 05		D1448/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	PC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2345151778 (GPS Reading)	24/04/2014	Mick Brummage	1 Sub-adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2235852253 (GPS Reading)	29/04/2014	Mick Brummage	1 Sub-adult	Live Sighting	Moel Garegog		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2336151912	03/06/2014	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2340351744	03/06/2014	Mick Brummage	1 Sub-adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2354851761	03/06/2014	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ2345051770	23/09/2014	Mick Brummage	1 Sub-adult Female		Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2335751913	23/09/2014	Mick Brummage	1 Adult Female		Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2337051766 (GPS Reading)	16/04/2015	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2354251754 (GPS Reading)	16/04/2015	Mick Brummage	1 Adult Male; 1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2335651919 (GPS Reading)	16/04/2015	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2255852835 (GPS Reading)	26/04/2015	Mick Brummage	1 Adult Male	Live Sighting	Moel Garegog		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2259352883 (GPS Reading)	26/04/2015	Mick Brummage	1 Adult Male	Live Sighting	Moel Garegog		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2258152908 (GPS Reading)	26/04/2015	Mick Brummage	1 Adult Male	Live Sighting	Moel Garegog		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2242852905 (GPS Reading)	26/04/2015	Mick Brummage	1 Adult Female	Live Sighting	Moel Garegog		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ2366051956 (GPS Reading)	17/03/2016	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2328951765 (GPS Reading)	17/03/2016	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2330451776 (GPS Reading)	17/03/2016	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2353851751 (GPS Reading)	05/04/2016	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2354451780 (GPS Reading)	05/04/2016	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2335151922 (GPS Reading)	05/04/2016	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2341751773 (GPS Reading)	05/04/2016	Mick Brummage	1 Sub-adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2345051760 (GPS Reading)	05/04/2016	Mick Brummage	1 Juvenile	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ234518 (Selected from Interactive Map)	20/04/2016	Steve Palin	1 Adult Female		Llandegla	Just one seen in 2 hours of searching, but a newly sloughed skin found near to this ready-to-slough female	D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ2343251677 (GPS Reading)	09/06/2016	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2326551791 (GPS Reading)	09/06/2016	Mick Brummage	1 Sub-adult Female	Under artificial refuge	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2345151785 (GPS Reading)	2 records, between 09/06/2016 and 10/10/2017	Mick Brummage; Dave E Williams	1 Adult Female; 1 Sub-adult	Live Sighting	Llandegla Forest	J4 probably	D0035/002/01 , D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2365451963 (GPS Reading)	09/06/2016	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2343851741 (GPS Reading)	01/07/2016	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2365351966 (GPS Reading)	01/07/2016	Mick Brummage	1 Sub-adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2343151696 (GPS Reading)	2 records, between 01/09/2016 and 16/09/2020	Mick Brummage	1 Adult Female; 1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2364751967 (GPS Reading)	01/09/2016	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2345551776 (GPS Reading)	01/09/2016	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ2344951777 (GPS Reading)	01/09/2016	Mick Brummage	1 Sub-adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2345151781 (GPS Reading)	01/09/2016	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2343151809 (GPS Reading)	01/09/2016	Mick Brummage	1 Sub-adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2343651811 (GPS Reading)	01/09/2016	Mick Brummage	1 Sub-adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2354451782 (GPS Reading)	2 records, between 23/09/2016 and 12/08/2019	Mick Brummage	1 Male; 1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2343151693 (GPS Reading)	23/09/2016	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2337051770 (Selected from Interactive Map)	21/03/2017	Dave E Williams	1 Adult		Llandegla forest		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2342951758	21/03/2017	Dave E Williams	1 Adult		Llandegla forest		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2363351978 (Selected from Interactive Map)	21/03/2017	Dave E Williams	1 Adult		Llandegla forest		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ23665198 (Selected from Interactive Map)	2 records, between 21/03/2017 and 26/08/2020	Dave E Williams	1 Adult; 1 Sub- adult		Llandegla forest		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2345551772 (Selected from Interactive Map)	21/03/2017	Dave E Williams	1 Adult		Llandegla forest		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2345851774 (Selected from Interactive Map)	28/03/2017	Dave E Williams	1 Adult		Llandegla		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2354051752 (Selected from Interactive Map)	28/03/2017	Dave E Williams	1 Adult		Llandegla		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2342951757 (Selected from Interactive Map)	28/03/2017	Dave E Williams	1 Adult		Llandegla		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2329251775 (Selected from Interactive Map)	28/03/2017	Dave E Williams	1 Adult		Llandegla		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2341851757 (Selected from Interactive Map)	28/03/2017	Dave E Williams	1 Adult		Llandegla		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2339251757 (Selected from Interactive Map)	28/03/2017	Dave E Williams	1 Adult		Llandegla		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2333351778 (Selected from Interactive Map)	28/03/2017	Dave E Williams	1 Juvenile		Llandegla		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ2335251773 (Selected from Interactive Map)	28/03/2017	Dave E Williams	1 Juvenile		Llandegla		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2361951978 (GPS Reading)	14/03/2017	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest	With Dave E Williams	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2340751746 (GPS Reading)	14/03/2017	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest	With Dave E Williams	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2335351772 (GPS Reading)	14/03/2017	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest	With Dave E Williams	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ236519	7 records, between 14/07/2017 and 15/04/2019	Mick Brummage; Mick Brummage, Dave E Williams	1 Adult Female; 1 Adult Male; 1 Juvenile; 1 Adult Male; 1 Adult; 1 Adult Male; 2 Adult Female; 1 Sub-adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ235517	6 records, between 14/07/2017 and 15/04/2019	Mick Brummage; Mick Brummage, Dave E Williams	1 Adult Male; 1 Adult Female; 1 Adult Male; 2 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ235519	26/09/2017	Mick Brummage, Dave E Williams	1 Adult; 1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23375177 (Selected from Interactive Map)	10/10/2017	Dave E Williams	1 Adult; 2 Juvenile		Llandegla forest		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23405177 (Selected from Interactive Map)	10/10/2017	Dave E Williams	1 Juvenile		Llandegla forest	2nd yr prob	D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ2341451745 (Selected from Interactive Map)	10/10/2017	Dave E Williams	1 Adult; 1 Juvenile; 2 Sub- adult		Llandegla forest		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2339351753 (Selected from Interactive Map)	10/10/2017	Dave E Williams	1 Adult		Llandegla forest		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2345551765 (Selected from Interactive Map)	10/10/2017	Dave E Williams	1 Juvenile		Llandegla forest		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2344951770 (Selected from Interactive Map)	10/10/2017	Dave E Williams	1 Adult		Llandegla forest		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23655195 (Selected from Interactive Map)	10/10/2017	Dave E Williams	1 Adult; 1 Juvenile		Llandegla forest	No pic of adult	D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23545177 (GPS Reading)	10/10/2017	Dave E Williams	1 Adult		Llandegla forest		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2340351748 (GPS Reading)	17/02/2018	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2340951740 (GPS Reading)	28/04/2018	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2363751972 (GPS Reading)	28/04/2018	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ2362651979 (GPS Reading)	28/04/2018	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2343051690 (GPS Reading)	28/04/2018	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2340251753 (GPS Reading)	28/04/2018	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2354251767 (GPS Reading)	28/04/2018	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2343751787 (GPS Reading)	28/04/2018	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2343251741 (GPS Reading)	14/07/2018	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2347651969 (GPS Reading)	14/07/2018	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2339151752 (GPS Reading)	14/07/2018	Mick Brummage	1 Adult Male	Under artificial refuge	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23465179 (Selected from Interactive Map)	30/07/2018	Mick Brummage	2 Sub-adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ23495176 (Selected from Interactive Map)	2 records, between 30/07/2018 and 26/08/2020	Mick Brummage; Dave E Williams	1 Adult Male; 1 Adult	Under artificial refuge	Llandegla Forest		D0035/002/01 , D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23445178 (Selected from Interactive Map)	30/07/2018	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23645196 (Selected from Interactive Map)	30/07/2018	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2342851722 (GPS Reading)	09/09/2018	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2343151741 (GPS Reading)	09/09/2018	Mick Brummage	1 Sub-adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2350651762 (GPS Reading)	09/09/2018	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2353951774 (GPS Reading)	09/09/2018	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2354551782 (GPS Reading)	09/09/2018	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2355151785 (GPS Reading)	09/09/2018	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ2352451773 (GPS Reading)	09/09/2018	Mick Brummage	1 Adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2335251914 (GPS Reading)	09/09/2018	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2364751966 (GPS Reading)	09/09/2018	Mick Brummage	1 Adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2364051968 (GPS Reading)	09/09/2018	Mick Brummage	1 Sub-adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23365177 (Selected from Interactive Map)	25/09/2018	Dave E Williams	3 Juvenile		Llandegla forest		D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23525177 (Selected from Interactive Map)	25/09/2018	Dave E Williams	2 Adult		Llandegla forest		D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23675199 (Selected from Interactive Map)	25/09/2018	Dave E Williams	1 Adult		Llandegla forest		D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23655196 (Selected from Interactive Map)	2 records, between 25/09/2018 and 26/08/2020	Dave E Williams	1 Adult		Llandegla forest		D1117/001/01 , D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23735189 (Selected from Interactive Map)	25/09/2018	Dave E Williams	1 Adult		Llandegla forest	Extending known range by approx 30-50 yards	D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ23525176 (Selected from Interactive Map)	13/09/2018	Dave E Williams	2 Adult		Llandegla forest		D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23385177 (Selected from Interactive Map)	13/09/2018	Dave E Williams	2 Juvenile		Llandegla forest		D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23435174 (Selected from Interactive Map)	13/09/2018	Dave E Williams	1 Adult		Llandegla forest		D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23345192 (Selected from Interactive Map)	13/09/2018	Dave E Williams	1		Llandegla forest		D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23635197 (Selected from Interactive Map)	13/09/2018	Dave E Williams	2 Adult		Llandegla forest		D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23485198 (Selected from Interactive Map)	13/09/2018	Dave E Williams	1 Adult		Llandegla forest	Rare sighting on rocky outcrop	D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23385175 (Selected from Interactive Map)	25/02/2019	Dave E Williams	1 Adult Male		Llandegla forest	Just a small amount of body visible.just above refuge.	D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23625197 (Selected from Interactive Map)	25/02/2019	Dave E Williams	1 Adult Male		Llandegla forest	Well hidden just partly visible	D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2340451738 (GPS Reading)	16/02/2019	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ2339351749 (GPS Reading)	2 records, both on 16/02/2019	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2342551757 (GPS Reading)	16/02/2019	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2363351968 (GPS Reading)	16/02/2019	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2354251759 (GPS Reading)	16/02/2019	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2353651773 (GPS Reading)	16/02/2019	Mick Brummage	1 Adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2363451969 (GPS Reading)	19/03/2019	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2342951794 (GPS Reading)	19/03/2019	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2349151762 (GPS Reading)	19/03/2019	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2340451745 (GPS Reading)	01/04/2019	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ2354151770 (GPS Reading)	01/04/2019	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2349051761 (GPS Reading)	01/04/2019	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2364551966 (GPS Reading)	01/04/2019	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2363651968 (GPS Reading)	01/04/2019	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2342551816 (GPS Reading)	01/04/2019	Mick Brummage	1 Sub-adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2339351752 (GPS Reading)	01/04/2019	Mick Brummage	1 Sub-adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2364651973 (GPS Reading)	01/04/2019	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2331851791 (GPS Reading)	01/04/2019	Mick Brummage	1 Juvenile	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2339451750 (GPS Reading)	15/04/2019	Mick Brummage	1 Sub-adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ2339851724 (GPS Reading)	21/06/2019	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2349151763 (GPS Reading)	21/06/2019	Mick Brummage	1 Adult Female	On artificial refuge	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2352752010 (GPS Reading)	02/07/2019	Mick Brummage	1 Sub-adult	Live Sighting	Llandegla Forest	During course of bracken control work	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2335551906 (GPS Reading)	02/07/2019	Mick Brummage	1 Sub-adult	Live Sighting	Llandegla Forest	During course of bracken control work	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2350151764 (GPS Reading)	02/07/2019	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest	During course of bracken control work	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2345351794 (GPS Reading)	02/07/2019	Mick Brummage	1 Sub-adult	Live Sighting	Llandegla Forest	During course of bracken control work	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2341151720	12/08/2019	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest	With Dave Williams and Brianna Hodge	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2348351761	12/08/2019	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2343651778	12/08/2019	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ2335451915 (GPS Reading)	12/08/2019	Mick Brummage	1 Sub-adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2353452005 (GPS Reading)	12/08/2019	Mick Brummage	1 Sub-adult	Live Sighting	Llandegla Forest	With Dave Williams and Brianna Hodge	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2369651946 (GPS Reading)	2 records, both on 12/08/2019	Mick Brummage	1 Adult Female; 1 Sub-adult	Live Sighting	Llandegla Forest	With Dave Williams and Brianna Hodge	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ248520 (Selected from Interactive Map)	3 records, between 18/09/2019 and 28/05/2021	Simon Mills; Vitor Evora	1 Adult; 1 Adult Female; 1 Slough/Skin		Minera Quarry	Laurence Maxwell from Enfyas was attacked while stacking cut grass arisings in the quarry; Probably same individual previously recorded; I have the skin and will give it over for analysis.	D1117/001/01 , D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	PC, KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2352052008 (GPS Reading)	11/10/2019	Mick Brummage	1 Juvenile	Under artificial refuge	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ24905202 (Selected from Interactive Map)	23/03/2020	Dave E Williams	1 Adult Male		Minera Quarry		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23355177 (Selected from Interactive Map)	25/02/2020	Dave E Williams	1 Adult Male		Llandegla forest		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2337151776 (GPS Reading)	06/02/2020	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ2342851755 (GPS Reading)	11/03/2020	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2340851747 (GPS Reading)	11/03/2020	Mick Brummage	2 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2364051966 (GPS Reading)	11/03/2020	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2365551966 (GPS Reading)	11/03/2020	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2488052039 (GPS Reading)	09/06/2020	Mick Brummage and Dave E Williams	2 Adult Female	Live Sighting	Minera Quarry	Only one snake photographed	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2488452038 (GPS Reading)	15/06/2020	Mick Brummage and Dave E Williams	2 Adult Female	Live Sighting	Minera Quarry	Only one photographed	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ230505	14/08/2016	Eric Fletcher	1 Juvenile Female	Field record	Llandegla Forest, top of forest between major tracks		D0969/001/05	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	PC
<i>Vipera berus</i> (Adder / Gwiber)	SJ24915220 (Selected from Interactive Map)	14/07/2020	Chris Jones	3	Live Sighting	Minera quarry	1 dark specimen seen then in a different part of the site the 2 in the attached	D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2487352037 (GPS Reading)	4 records, between 11/07/2020 and 03/08/2020	Mick Brummage	1 Adult Female	Live Sighting	Minera Quarry	Gravid	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ2504052137	30/07/2020	Graham Berry	1 Sub-adult Male	Live Sighting	Minera Quarry	In Compartment 8a	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ24875203	25/07/2020	Richard Would	1 Adult Female	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23275182 (Selected from Interactive Map)	26/08/2020	Dave E Williams	1 Adult		Llandegla forest		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23255176 (Selected from Interactive Map)	26/08/2020	Dave E Williams	1 Adult		Llandegla forest	On the old hibernation bank basking where the trees have been removed	D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23485176 (Selected from Interactive Map)	26/08/2020	Dave E Williams	1 Juvenile		Llandegla forest		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23445176 (Selected from Interactive Map)	26/08/2020	Dave E Williams	1 Adult		Llandegla forest		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23635196 (Selected from Interactive Map)	2 records, both on 26/08/2020	Dave E Williams	1 Adult		Llandegla forest		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23635198 (Selected from Interactive Map)	26/08/2020	Dave E Williams	1 Sub-adult		Llandegla forest		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23625198 (Selected from Interactive Map)	2 records, between 26/08/2020 and 21/09/2020	Dave E Williams	1 Adult Male; 1 Adult		Llandegla forest		D1480/001/01 , D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ23675195 (Selected from Interactive Map)	26/08/2020	Dave E Williams	1 Sub-adult		Llandegla forest		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2487852056 (GPS Reading)	08/09/2020	Mick Brummage	1 Adult Male	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2488252037 (GPS Reading)	08/09/2020	Mick Brummage	1 Adult Female	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2489752025 (GPS Reading)	14/09/2020	Mick Brummage	1 Adult Female	Live Sighting	Minera Quarry	Gravid	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ23405170	7 records, between 17/02/2018 and 28/04/2018	Mick Brummage	1 Adult male; 6 Adult male; 1 Adult female; 5 Adult male; 4 Adult male; 3 Adult female		Llandegla Forest		D1505/001/03	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	NA
<i>Vipera berus</i> (Adder / Gwiber)	SJ2336451771 (GPS Reading)	16/09/2020	Mick Brummage	1 Juvenile	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2339251751 (GPS Reading)	16/09/2020	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2343151795 (GPS Reading)	16/09/2020	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2365951958 (GPS Reading)	16/09/2020	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ2348451758 (GPS Reading)	16/09/2020	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2348751761 (GPS Reading)	16/09/2020	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2343851788 (GPS Reading)	16/09/2020	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2343651792 (GPS Reading)	16/09/2020	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2340951713 (Selected from Interactive Map)	09/09/2020	Dave E Williams	1 Sub-adult		Llandegla forest		D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2349951760 (Selected from Interactive Map)	09/09/2020	Dave E Williams	1 Adult		Llandegla forest		D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2349851757 (Selected from Interactive Map)	09/09/2020	Dave E Williams	1 Adult		Llandegla forest		D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2363751967 (Selected from Interactive Map)	09/09/2020	Dave E Williams	1 Adult		Llandegla forest		D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2362851987 (Selected from Interactive Map)	09/09/2020	Dave E Williams	1 Adult		Llandegla forest		D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ2340851743 (Selected from Interactive Map)	21/09/2020	Dave E Williams	2		Llandegla forest		D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2348951766 (Selected from Interactive Map)	21/09/2020	Dave E Williams	1 Adult; 1 Juvenile		Llandegla forest	Under tin	D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2341051743 (Selected from Interactive Map)	28/09/2020	Dave E Williams	1 Adult		Llandegla forest		D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2344551768 (Selected from Interactive Map)	28/09/2020	Dave E Williams	1 Adult		Llandegla forest		D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2363451988 (Selected from Interactive Map)	28/09/2020	Dave E Williams	1 Adult		Llandegla forest		D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2353451996 (Selected from Interactive Map)	28/09/2020	Dave E Williams	1 Adult		Llandegla forest		D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ249520 (GPS Reading)	2 records, between 26/05/2021 and 17/06/2021	Vitor Evora	1 Adult Female		Minera quarry		D1480/001/01 , D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2339651751 (GPS Reading)	22/02/2021	Mick Brummage and Dave Williams	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2336451779 (GPS Reading)	22/02/2021	Mick Brummage and Dave Williams	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ2361951979 (GPS Reading)	22/02/2021	Mick Brummage and Dave Williams	1 Sub-adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2364851958 (GPS Reading)	22/02/2021	Mick Brummage and Dave Williams	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2363051970 (GPS Reading)	22/02/2021	Mick Brummage and Dave Williams	1 Adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2361651980 (GPS Reading)	22/02/2021	Mick Brummage and Dave Williams	1 Sub-adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2348451761 (GPS Reading)	22/02/2021	Mick Brummage and Dave Williams	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2351451774 (GPS Reading)	22/02/2021	Mick Brummage and Dave Williams	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2336751775 (GPS Reading)	22/02/2021	Mick Brummage and Dave Williams	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2347351761 (GPS Reading)	22/02/2021	Mick Brummage and Dave Williams	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2365351968 (GPS Reading)	06/04/2021	Mick Brummage and Dave Williams	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ2363951975 (GPS Reading)	06/04/2021	Mick Brummage and Dave Williams	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2354352000 (GPS Reading)	06/04/2021	Mick Brummage and Dave Williams	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2349351762 (GPS Reading)	06/04/2021	Mick Brummage and Dave Williams	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2363951974 (GPS Reading)	26/04/2021	Mick Brummage and Dave Williams	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2355651788 (GPS Reading)	26/04/2021	Mick Brummage and Dave Williams	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2353951779 (GPS Reading)	26/04/2021	Mick Brummage and Dave Williams	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2353751779 (GPS Reading)	26/04/2021	Mick Brummage and Dave Williams	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2351951762 (GPS Reading)	26/04/2021	Mick Brummage and Dave Williams	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2355751771 (GPS Reading)	26/04/2021	Mick Brummage and Dave Williams	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ2352951798 (GPS Reading)	26/04/2021	Mick Brummage and Dave Williams	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2348951803 (GPS Reading)	26/04/2021	Mick Brummage and Dave Williams	1 Sub-adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2490452027 (GPS Reading)	26/02/2021	Mick Brummage, Dave Williams & Ash Payne	1 Adult Male	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2490652022 (GPS Reading)	26/02/2021	Mick Brummage, Dave Williams & Ash Payne	1 Adult Male	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2478251715 (GPS Reading)	26/02/2021	Mick Brummage, Dave Williams & Ash Payne	1 Adult Male	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2480351707 (GPS Reading)	26/02/2021	Mick Brummage, Dave Williams & Ash Payne	1 Adult Male	Live Sighting	Park Farm, Minera		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ24895202 (Selected from Interactive Map)	2 records, between 28/02/2021 and 26/02/2022	Simon Mills	1 Sub-adult; 4 Adult Male	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2489852021 (GPS Reading)	16/03/2021	Mick Brummage & Dave Williams	1 Adult Male	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2489952023 (GPS Reading)	16/03/2021	Mick Brummage & Dave Williams	1 Adult Male	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ2478351715 (GPS Reading)	16/03/2021	Mick Brummage & Dave Williams	1 Adult Male	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2480551709 (GPS Reading)	16/03/2021	Mick Brummage & Dave Williams	1 Adult Male	Live Sighting	Park Farm, Minera		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2479751706 (GPS Reading)	16/04/2021	Mick Brummage	1 Adult Male	Live Sighting	Park Farm, Minera		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2479451706 (GPS Reading)	16/04/2021	Mick Brummage	1 Adult Male	Live Sighting	Park Farm, Minera		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2491052024 (GPS Reading)	16/04/2021	Mick Brummage	1 Adult Male	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ240518 (GPS Reading)	19/06/2021	Jonathan Stubbs	1 Juvenile Female		Coed Llandegla Forest	Grid reference is OS 6 figure. GPS is: 53°03'29"N , 003°08'13"W Video on Facebook: https://www.facebook.com/groups/ukar	D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2488152039 (GPS Reading)	29/05/2021	Mick Brummage	1 Adult Female	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2369751947 (GPS Reading)	13/07/2021	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2366551951 (GPS Reading)	13/07/2021	Mick Brummage	1 Sub-adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ2336151914 (GPS Reading)	13/07/2021	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2342651729 (GPS Reading)	13/07/2021	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2345451766 (GPS Reading)	13/07/2021	Mick Brummage	1 Sub-adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2345451775 (GPS Reading)	13/07/2021	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2353851780 (GPS Reading)	13/07/2021	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2344151789 (GPS Reading)	13/07/2021	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2488552031 (GPS Reading)	02/08/2021	Mick Brummage	1 Adult Female	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2369951946 (GPS Reading)	18/08/2021	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2355252005 (GPS Reading)	18/08/2021	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vipera berus</i> (Adder / Gwiber)	SJ2353951780 (GPS Reading)	2 records, both on 18/08/2021	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2369351944 (GPS Reading)	20/09/2021	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2340351752 (GPS Reading)	20/09/2021	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2489952022 (Selected from Interactive Map)	27/02/2022	Mick Brummage	3 Adult Male	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Vipera berus</i> (Adder / Gwiber)	SJ2478251713 (Selected from Interactive Map)	27/02/2022	Mick Brummage	1 Adult Male	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ23335185	23/03/2010	Dave E. Williams	1 Adult		Llandegla forest	under a tin refugee	D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	PC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ232517	2 records, between 11/04/2010 and 27/09/2011	Dave E. Williams, Mick Brummage	20 Adult; 4 Juvenile; 1 Juvenile	Live Sighting	Llandegla	lizards seen all over the site ,grid ref refers to highest abundance	D1117/001/01 , D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ233518	27/04/2010	Dave E. Williams	19 Adult		Llandegla	19 lizards counted all over the site within 300 yards of grid ref 7 were adults 12 were last years young	D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	PC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ23375177 (Selected from Interactive Map)	02/03/2010	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest	On heather bank beside track	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ23285177	07/05/2010	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest	Basking in heathland	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ233519	2 records, between 07/05/2010 and 12/09/2017	Mick Brummage; Mick Brummage, Dave E Williams	1 Adult; 1 Juvenile	Live Sighting	Llandegla Forest	Basking in heathland	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2351	31 records, between 21/07/2008 and 13/09/2018	Mick Brummage; Dave E Williams; Brian Mather et al; Corinne Williams	14 Adult; 3 Juvenile; 1 Sub-adult; 3 Adult; 3 Juvenile; 1 Sub-adult; 5 Adult; 10 Juvenile; 11 Adult; 2 adults, 2 sub-adults; 1 adult, 1 sub-adults; 1 sub-adult; 1 adult male; Adult female...	Live Sighting	Llandegla Forest	Basking in heathland/grassland; Under refuges; Under refuge; In heathland close to reservoir; On heather bank along S edge of forest; In heathland near Pendinas Reservoir; Basking in heathland adjacent reservoir; In heathland adjacent reservoir; Various locations on site.; One feeding on grasshopper...	D0035/002/01 , D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC, PC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2352	2 records, between 10/07/2009 and 02/06/2010	Mick Brummage	1 Adult; 1 Juvenile; 2 adults	Live Sighting	Llandegla Forest	Basking in heathland/grassland	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ240520	2 records, between 14/09/2008 and 14/09/2010	Mick Brummage	2 Adult; Adult male	Live Sighting	Llandegla Forest	Basking on tree stump	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ236538	05/09/2009	Mick Brummage	Adult		Maes Maelor	On heathland ride within conifer plantation	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ239536	05/09/2009	Mick Brummage	Adult		Maes Maelor	On heathland edge of conifer plantation	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2553	4 records, between 1977 and 1990	Mark Lee; BW Burnett; Burnett, B.W.; Lee, Mark			Bwlchgwyn Quarry		D0035/002/01 , D1076/001/02	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	PC, KC, NA
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2151	2 records, both in 1977	BW Burnett; Burnett, B.W.			Moel Garegog, foot of		D0035/002/01 , D1076/001/02	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC, NA
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ237519	22/06/2008	Mick Brummage	2 adults		Llandegla Forest	Basking in heathland adjacent reservoir	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ23385175 (Selected from Interactive Map)	2 records, between 08/03/2011 and 25/03/2011	Dave E Williams	1 Adult		Llandegla forrest	Basking in sun.; Very green sheen to the lizards colouring.	D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ23315179	02/03/2011	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ23425195	19/03/2011	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest	Edge of forest track	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ23395176	19/03/2011	Mick Brummage	1 Adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2335551731 (GPS Reading)	22/05/2012	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest	With Dave Williams and Steve Palin	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2327451753 (GPS Reading)	22/05/2012	Mick Brummage	1 Juvenile	Live Sighting	Llandegla Forest	With Dave Williams and Steve Palin	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2254	27/06/2012	Mick Brummage	3 Adult; 1 Sub-adult	Live Sighting	Llandegla Moor		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2432550465 (GPS Reading)	03/03/2014	Mick Brummage	1 Adult	Live Sighting	Ruabon Mountain		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2474950944 (GPS Reading)	24/03/2014	Mick Brummage	1 Adult	Live Sighting	Ruabon Mountain		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2466950803 (GPS Reading)	24/03/2014	Mick Brummage	1 Sub-adult	Live Sighting	Ruabon Mountain		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2463550741 (GPS Reading)	24/03/2014	Mick Brummage	1 Adult	Live Sighting	Ruabon Mountain		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2223552879 (GPS Reading)	29/04/2014	Mick Brummage	1 Juvenile	Live Sighting	Moel Garegog		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2241652175 (GPS Reading)	29/04/2014	Mick Brummage	1 Adult	Live Sighting	Moel Garegog		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ241520	03/06/2014	Mick Brummage	2 Adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ23795183 (GPS Reading)	15/07/2014	Mick Brummage	1 Adult Female; 2 Sub-adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2327351775 (GPS Reading)	16/04/2015	Mick Brummage	1 Adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2335051779 (GPS Reading)	16/04/2015	Mick Brummage	1 Adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2379251052	18/09/2015	Mick Brummage	1 Adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2348251977 (GPS Reading)	05/04/2016	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2344551781 (GPS Reading)	05/04/2016	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2339551773 (GPS Reading)	05/04/2016	Mick Brummage	1 Adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2343051698 (GPS Reading)	23/09/2016	Mick Brummage	1 Sub-adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ25635207 (Selected from Interactive Map)	21/06/2016	Susan Loose	2		Minera Quarry		D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2378351833 (Selected from Interactive Map)	21/03/2017	Dave E Williams	1 Adult		Llandegla		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ23625197 (Selected from Interactive Map)	21/03/2017	Dave E Williams	1 Adult		Llandegla	Near prev adder sighting	D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2344451771 (Selected from Interactive Map)	28/03/2017	Dave E Williams	1 Adult		Llandegla		D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2378851834 (GPS Reading)	09/05/2017	Mick Brummage	1 Adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2348451979	14/07/2017	Mick Brummage	1 Adult Female; 3 Sub-adult; 3 Sub-adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ233517	2 records, between 12/09/2017 and 03/04/2018	Mick Brummage, Dave E Williams; Mick Brummage	1 Adult; 1 Juvenile; 1 Sub-adult; 1 Sub-adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ234517	5 records, between 12/09/2017 and 19/06/2018	Mick Brummage, Dave E Williams; Mick Brummage	2 Adult; 2 Adult; 1 Juvenile; 1 Sub-adult; 1 Adult Male; 1 Sub-adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ237518	12/09/2017	Mick Brummage, Dave E Williams	1 Sub-adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ234519	3 records, between 12/09/2017 and 03/04/2018	Mick Brummage, Dave E Williams; Mick Brummage	1 Sub-adult; 1 Adult; 1 Sub-adult; 1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ236519	4 records, between 12/09/2017 and 19/06/2018	Mick Brummage, Dave E Williams; Mick Brummage	1 Adult; 1 Juvenile; 1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ235520	3 records, between 26/09/2017 and 19/06/2018	Mick Brummage, Dave E Williams; Mick Brummage	1 Sub-adult; 1 Adult; 1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2514752323 (GPS Reading)	12/05/2018	Mick Brummage	1 Adult Male	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2516852329 (GPS Reading)	28/05/2018	Mick Brummage	1 Adult Female; 1 Sub-adult	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2499152476 (GPS Reading)	28/05/2018	Mick Brummage	1 Adult Female	Live Sighting	Gwynfryn	Gravid	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2515252321 (GPS Reading)	02/06/2018	Mick Brummage	1 Adult Female	On artificial refuge	Minera Quarry	During survey/guided walk as part of Bioblitz	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2571451884 (GPS Reading)	19/06/2018	Mick Brummage	1 Adult Female	On artificial refuge	Minera Quarry	Gravid	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2517152350 (GPS Reading)	18/07/2018	Mick Brummage	1 Juvenile	Live Sighting	Gwynfryn		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2498652474 (GPS Reading)	18/07/2018	Mick Brummage	1 Juvenile	Under artificial refuge	Gwynfryn		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2535952195	13/08/2018	Mick Brummage	1 Juvenile	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2530152274	13/08/2018	Mick Brummage	1 Sub-adult	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ23765186 (Selected from Interactive Map)	25/02/2019	Dave E Williams	1 Adult Male		Llandegla forest		D1117/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2326151777 (GPS Reading)	01/04/2019	Mick Brummage	1 Adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2365351961 (GPS Reading)	01/04/2019	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2366151991 (GPS Reading)	01/04/2019	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2339451946 (GPS Reading)	01/04/2019	Mick Brummage	1 Sub-adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2339051751 (GPS Reading)	01/04/2019	Mick Brummage	1 Adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ23525200 (GPS Reading)	15/04/2019	Mick Brummage	1 Adult; 1 Sub-adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2503652080 (GPS Reading)	12/05/2019	Mick Brummage	1 Sub-adult	Under artificial refuge	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2488652300	10/06/2019	Mick Brummage	1	Skin	Minera Quarry	Section of recent slough under an artificial refuge	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2537852290 (GPS Reading)	10/06/2019	Mick Brummage	1 Sub-adult	Under artificial refuge	Gwynfryn		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2535752273 (GPS Reading)	10/06/2019	Mick Brummage	1 Adult	On artificial refuge	Gwynfryn		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2352352007 (GPS Reading)	21/06/2019	Mick Brummage	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2408052042 (GPS Reading)	12/08/2019	Mick Brummage	3 Juvenile; 1 Sub-adult	Live Sighting	Llandegla Forest	With Dave Williams and Brianna Hodge	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2509752173 (GPS Reading)	15/08/2019	Mick Brummage	1 Sub-adult	Under artificial refuge	Minera Quarry	With Dave Williams and Brianna Hodge	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ24905202	23/03/2020	Dave E Williams	1 Adult		Minera Quarry	Two yards from the adder disappeared under stones	D1480/001/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2352752011 (GPS Reading)	11/03/2020	Mick Brummage	1 Adult Male	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2473752244 (GPS Reading)	09/06/2020	Mick Brummage and Dave E Williams	1 Sub-adult	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2495052294 (GPS Reading)	09/06/2020	Mick Brummage and Dave E Williams	1 Adult Female	Under artificial refuge	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2490652030 (GPS Reading)	15/06/2020	Mick Brummage and Dave E Williams	1 Adult Female	Live Sighting	Minera Quarry	Gravid	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2487852042 (GPS Reading)	15/06/2020	Mick Brummage and Dave E Williams	1 Sub-adult	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2479752122 (GPS Reading)	15/06/2020	Mick Brummage and Dave E Williams	1 Sub-adult	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2476452295 (GPS Reading)	15/06/2020	Mick Brummage and Dave E Williams	1 Adult Female	Live Sighting	Minera Quarry	Gravid	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2478052157 (GPS Reading)	15/06/2020	Mick Brummage and Dave E Williams	1 Sub-adult	On artificial refuge	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2478152156 (GPS Reading)	15/06/2020	Mick Brummage and Dave E Williams	1 Sub-adult	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2573051868 (GPS Reading)	15/06/2020	Mick Brummage and Dave E Williams	1 Adult Female	Live Sighting	Minera Quarry	Gravid	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2503252098 (GPS Reading)	03/08/2020	Mick Brummage	1 Sub-adult	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2501852056 (GPS Reading)	03/08/2020	Mick Brummage	1 Adult Female	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2486852046 (GPS Reading)	03/08/2020	Mick Brummage	1 Sub-adult	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2488752047 (GPS Reading)	08/09/2020	Mick Brummage	1 Sub-adult	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2487252043 (GPS Reading)	08/09/2020	Mick Brummage	1 Adult; 1 Sub-adult	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2488152032 (GPS Reading)	08/09/2020	Mick Brummage	1 Juvenile	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2483652065 (GPS Reading)	08/09/2020	Mick Brummage	1 Adult	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2475452275 (GPS Reading)	08/09/2020	Mick Brummage	1 Sub-adult	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2488852034 (GPS Reading)	14/09/2020	Mick Brummage	1 Sub-adult	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2379151834 (GPS Reading)	16/09/2020	Mick Brummage	1 Sub-adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ25695187 (Selected from Interactive Map)	14/09/2020	Mick Brummage and Dave E Williams	1 Sub-adult	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2352252009 (GPS Reading)	26/04/2021	Mick Brummage and Dave Williams	1 Adult Female	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2477551733 (GPS Reading)	26/02/2021	Mick Brummage, Dave Williams & Ash Payne	1 Adult Male	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2478251715 (GPS Reading)	26/02/2021	Mick Brummage, Dave Williams & Ash Payne	1 Adult Male	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2490952021 (GPS Reading)	16/03/2021	Mick Brummage & Dave Williams	1 Adult	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2477751733 (GPS Reading)	16/03/2021	Mick Brummage & Dave Williams	1 Adult Male	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2501752072 (GPS Reading)	14/06/2021	Mick Brummage	1 Adult	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2491052029 (GPS Reading)	14/06/2021	Mick Brummage	1 Adult Female	Live Sighting	Minera Quarry	Gravid	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2488952042 (GPS Reading)	14/06/2021	Mick Brummage	1 Adult Male	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2481051712 (GPS Reading)	14/06/2021	Mick Brummage	1 Adult	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2481351706 (GPS Reading)	14/06/2021	Mick Brummage	1 Adult Female	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2480351707 (GPS Reading)	14/06/2021	Mick Brummage	1 Adult	Live Sighting	Minera Quarry		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2342251718 (GPS Reading)	13/07/2021	Mick Brummage	1 Adult	Live Sighting	Llandegla Forest		D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ25085229	29/08/2021	Sofia Jones	1 Adult Male	Live Sighting	Minera Quarry	Record via Simon Mills	D0035/002/01	BAP, Bern3, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, LBAP-T, S7, WCA5	KC
<i>Zygaena lonicerae</i> (Narrow-bordered Five-spot Burnet / Bwrned Pum Smotyn Ymyl Gul)	SJ249522	13/07/2019	Sue Budd	many	Field record	Minera Quarry Nature Reserve		D0969/001/05	WCA5	PC
<i>Zygaena lonicerae</i> (Narrow-bordered Five-spot Burnet / Bwrned Pum Smotyn Ymyl Gul)	SJ247515	06/07/2017	A.N. & J.E.Graham	Adult		Minera Quarry	Based on habitat. Method: by day	D1991/001/01	WCA5	NA
<i>Zygaena lonicerae</i> (Narrow-bordered Five-spot Burnet / Bwrned Pum Smotyn Ymyl Gul)	SJ251523	06/07/2017	A.N. & J.E.Graham	Adult		Minera Quarry	Based on habitat. Method: by day	D1991/001/01	WCA5	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Zygaena lonicerae</i> (Narrow-bordered Five-spot Burnet / Bwrned Pum Smotyn Ymyl Gul)	SJ253522	02/07/2019	A.N. & J.E.Graham	1 Adult		Eisteddfod Farm, Gwynfryn	Method: day	D1991/001/01	WCA5	NA

Category 2 Species										
Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Acanthis flammea</i> (Common (Mealy) Redpoll / Llinos Bengoch)	SJ2351	10 records, between 05/04/2012 and 27/05/2012	Julie Chicken; Mike Radcliffe; Barry Lynes; Trevor Britton; Bob Lane; Helen Conrad	1; 2; 3; 6; 7; 50	Reported to recorder	Pendinas, Reservoir	Survey: Observer data	D0062/008/01	Bern2, LBAP-F, LBAP-G, RL-CR, RL-VU, UKBA	NA
<i>Acanthis flammea</i> (Common (Mealy) Redpoll / Llinos Bengoch)	SJ2350	4 records, between 01/04/2012 and 09/06/2012	Corinne R Williams; Jenny Thomas; Julie Chicken	1; 3; 9; 11	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data	D0062/008/01	Bern2, LBAP-F, LBAP-G, RL-CR, RL-VU, UKBA	NA
<i>Acanthis flammea</i> (Common (Mealy) Redpoll / Llinos Bengoch)	SJ2452	19/04/2012	Des James	2	Reported to recorder	Gwynfryn, W	Survey: Observer data	D0062/008/01	Bern2, LBAP-F, LBAP-G, RL-CR, RL-VU, UKBA	NA
<i>Acanthis flammea</i> (Common (Mealy) Redpoll / Llinos Bengoch)	SJ2451	05/05/2012	Ros Lane	2	Reported to recorder	Gwynfryn, SW	Survey: Observer data	D0062/008/01	Bern2, LBAP-F, LBAP-G, RL-CR, RL-VU, UKBA	NA
<i>Accipiter nisus</i> (Sparrowhawk / Gwalch Glas)	SJ247516 (Estimated (Centroid of Site))	30/10/1985	Janice Butler and Dawn Gray			Aber Sychnant Grassland		D1239/012/01	Bonn2, CITES-A, LBAP-C, RL-NT	PC
<i>Accipiter nisus</i> (Sparrowhawk / Gwalch Glas)	SJ2351	6 records, between 16/03/2007 and 22/03/2020	Julie Rogers; Bob Lane; Steven Davies; Mr Steven Davies	1	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/039/01	Bonn2, CITES-A, LBAP-C, RL-NT	NA, PC, UA
<i>Accipiter nisus</i> (Sparrowhawk / Gwalch Glas)	SJ2250	10/01/2009	Kevin J Smith	1	Reported to recorder	Llandegla Forest, S	Survey: Observer data	D0062/008/01	Bonn2, CITES-A, LBAP-C, RL-NT	NA
<i>Accipiter nisus</i> (Sparrowhawk / Gwalch Glas)	SJ2550	13/04/2010	Kevin J Smith	1	Reported to recorder	Ruabon Mountain, Esclusham Mountain	Survey: Observer data	D0062/008/01	Bonn2, CITES-A, LBAP-C, RL-NT	NA

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)	SJ2452	01/04/2012	Julie Chicken	1 Female	Reported to recorder	Gwynfryn, W	Survey: Observer data	D0062/008/01	Bonn2, CITES-A, LBAP-C, RL-NT	NA
<i>Accipiter nisus</i> (Sparrowhawk / Gwalch Glas)	SJ2352	2 records, both on 21/03/2008	Dermot J Smith	1 Male; 1	Reported to recorder	Llandegla Forest, NE	Displaying over woodland. Survey: Observer data; Birdtrack	D0062/008/01 , D1297/025/01	Bonn2, CITES-A, LBAP-C, RL-NT	NA, PC
<i>Accipiter nisus</i> (Sparrowhawk / Gwalch Glas)	SJ2353	25/06/2011	Tim Ross	1	Reported to recorder	Llandegla, Moor, NE	Activity: H. Survey: Observer data	D0062/008/01	Bonn2, CITES-A, LBAP-C, RL-NT	NA
<i>Accipiter nisus</i> (Sparrowhawk / Gwalch Glas)	SJ2552	22/06/2012	Steven Davies	1 Male		Gwynfryn	BirdTrack	D1297/025/01	Bonn2, CITES-A, LBAP-C, RL-NT	PC
<i>Accipiter nisus</i> (Sparrowhawk / Gwalch Glas)	SJ2453	17 records, between 12/07/2009 and 25/10/2020	Steven Davies; Mr Steven Davies	1; 2		Nant-y-Ffrith Reservoir	Birdtrack. Activity: H; Birdtrack.: Activity: F; BirdTrack; BirdTrack. Activity: H	D1297/025/01 , D1297/039/01 , D1297/040/01	Bonn2, CITES-A, LBAP-C, RL-NT	PC, UA
<i>Accipiter nisus</i> (Sparrowhawk / Gwalch Glas)	SJ2354	18/07/2011	Steven Davies	1		Rhydtalog	BirdTrack	D1297/025/01	Bonn2, CITES-A, LBAP-C, RL-NT	PC
<i>Accipiter nisus</i> (Sparrowhawk / Gwalch Glas)	SJ2454	21/01/2011	Steven Davies	1		Rhydtalog, E	BirdTrack	D1297/025/01	Bonn2, CITES-A, LBAP-C, RL-NT	PC
<i>Accipiter nisus</i> (Sparrowhawk / Gwalch Glas)	SJ2551	4 records, between 31/05/2011 and 15/08/2020	Norman Hallas; N Duggan; Mr Steven Davies	1		Ruabon Mountain, Esclusham Mountain, N	Birdtrack. Chasing away same buzzard; BirdTrack	D1297/025/01 , D1297/039/01	Bonn2, CITES-A, LBAP-C, RL-NT	PC, UA
<i>Accipiter nisus</i> (Sparrowhawk / Gwalch Glas)	SJ2450	2 records, between 26/04/2017 and 07/03/2020	Derek J Gruar; Mr Phil Bristow	1		Ruabon Mountain, Esclusham Mountain, W	BirdTrack	D1297/025/01 , D1297/039/01	Bonn2, CITES-A, LBAP-C, RL-NT	PC, UA
<i>Accipiter nisus</i> (Sparrowhawk / Gwalch Glas)	SJ2151	17/05/2010	Steven Davies	1		Tafarn-y-garth	Birdtrack.: Activity: H	D1297/025/01	Bonn2, CITES-A, LBAP-C, RL-NT	PC

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)	SJ255524	27/09/2012	Martyn Harris	1	Field record	West of Gwynfryn, near Minera, Denbighshire		D0969/001/05	Bonn2, CITES-A, LBAP-C, RL-NT	PC
<i>Actitis hypoleucos</i> (Common Sandpiper / Pibydd y Dorlan)	SJ236517	22/04/2011	B.W. Burnett	1		Llyn Pendinas, Llandegla Frst	At eastern edge of lake, no sound, but it flew to another spot by the lakeside.	D1400/001/01	Bonn2, RL-VU, UKBA, WBA	PC
<i>Actitis hypoleucos</i> (Common Sandpiper / Pibydd y Dorlan)	SJ2453	2 records, between 30/04/2004 and 31/07/2016	John Lawton Roberts; Steven Davies	1	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	Bonn2, RL-VU, UKBA, WBA	NA, PC
<i>Actitis hypoleucos</i> (Common Sandpiper / Pibydd y Dorlan)	SJ2351	3 records, between 19/04/2009 and 11/07/2018	Helen Conrad; Steven Davies; Neil Hughes	1; 2	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; Birdtrack. Activity: P	D0062/008/01 , D1297/025/01	Bonn2, RL-VU, UKBA, WBA	NA, PC
<i>Actitis hypoleucos</i> (Common Sandpiper / Pibydd y Dorlan)	SJ2251	2 records, between 23/04/2017 and 11/07/2018	Norma Williams; Graham Jones	1		Llandegla Forest	BirdTrack	D1297/025/01	Bonn2, RL-VU, UKBA, WBA	PC
<i>Aegithalos</i> <i>caudatus</i> (Long-tailed Tit / Titw Cynffon-Hir)	SJ2552	3 records, between 24/01/2009 and 29/07/2019	Anon; Mrs Heather Cartwright; Dr Anne Brenchley				Occurrence ID: NBN-GA000656- BGBW2009- 16440297- 106729456; Breeding status: FL	D1852/002/01 , D1297/026/01	WBA	PC
<i>Aegithalos</i> <i>caudatus</i> (Long-tailed Tit / Titw Cynffon-Hir)	SJ2553	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656- BGBW2009- 16440250- 106729521	D1852/002/01	WBA	PC

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)	SJ2453	30 records, between 13/12/2007 and 27/12/2020	Anon; Julie Chicken; Steven Davies; Mr Steven Davies	5; 6; 1; 7; 8+; 7 Adult 2 Juvenile 5; 3+; 2+; 5+; 7+; c8	Reported to recorder		Occurrence ID: NBN-GA000656-BGBW2009-16439822-106729220; Survey: Observer data; RR. Survey: Observer data; Birdtrack;; Birdtrack.. Activity: H; BirdTrack; BirdTrack. Activity: FL	D1852/002/01 , D0062/008/01 , D1297/025/01 , D1297/039/01 , D1297/040/01	WBA	PC, NA, UA
<i>Aegithalos caudatus</i> (Long-tailed Tit / Titw Cynffon-Hir)	SJ2252	2 records, between 24/01/2009 and 28/04/2013	Anon; Steven Davies	1			Occurrence ID: NBN-GA000656-BGBW2009-16438467-106729183; BirdTrack	D1852/002/01 , D1297/025/01	WBA	PC
<i>Aegithalos caudatus</i> (Long-tailed Tit / Titw Cynffon-Hir)	SJ2351	6 records, between 01/04/2006 and 05/07/2019	Julie Rogers; Helen Conrad; Steven Davies; Mr T Taylor	1; 3; 15+	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; BirdTrack; BirdTrack. Activity: FL	D0062/008/01 , D1297/025/01 , D1297/026/01	WBA	NA, PC
<i>Aegithalos caudatus</i> (Long-tailed Tit / Titw Cynffon-Hir)	SJ2551	4 records, between 25/02/2009 and 15/08/2020	Julie Chicken; Norman Hallas; Dr Anne Brenchley; Mr Steven Davies	4; 15; 2; 5+	Reported to recorder	Ruabon Mountain, Esclusham Mountain, N	Survey: Observer data; Birdtrack;; Breeding status: H	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	WBA	NA, PC, UA
<i>Aegithalos caudatus</i> (Long-tailed Tit / Titw Cynffon-Hir)	SJ2352	2 records, between 21/05/2008 and 19/04/2009	Dermot J Smith; Steven Davies	2		Llandegla Forest, NE	Birdtrack. Activity: P	D1297/025/01	WBA	PC
<i>Aegithalos caudatus</i> (Long-tailed Tit / Titw Cynffon-Hir)	SJ2353	23/06/2008	Dermot J Smith	1		Llandegla, Moor, NE	Birdtrack. Activity: FL	D1297/025/01	WBA	PC
<i>Aegithalos caudatus</i> (Long-tailed Tit / Titw Cynffon-Hir)	SJ2452	24/03/2018	Anon			Gwynfryn, W		D1297/025/01	WBA	PC

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)	SJ2550	3 records, between 08/01/2016 and 22/01/2020	John F Jones; Mr J Jones	2; 8		Ruabon Mountain, Esclusham Mountain	BirdTrack	D1297/025/01 , D1297/039/01	WBA	PC, UA
<i>Aegithalos caudatus</i> (Long-tailed Tit / Titw Cynffon-Hir)	SJ2151	17/05/2010	Steven Davies			Tafarn-y-garth	Birdtrack.: Activity: H	D1297/025/01	WBA	PC
<i>Agelastica alni</i> (Alder Leaf Beetle)	SJ254521	30/04/2019	A.N. & J.E.Graham	1		Eisteddfod Farm, Gwynfryn	No alder close. Goat willow and hazel abundant.	D0135/001/05	RDB-NR, RL-DD	NA
<i>Agyneta gulosa</i>	SJ230529	29/06/1999	Richard Gallon	F		Maes Maelor ('heath')	Swept from heather	D0145/001/08	RDB-NS	NA
<i>Altica longicollis</i>	SJ252510	07/09/2006	J.B. Formstone	2 Adult		Minera moor	Habitat: Grassland: acid B1. Method: Hand searching	D1650/002/01	RDB-NB, RDB-NS	NA
<i>Altica longicollis</i>	SJ249506	06/10/2006	Bryan Formstone	2 Adult		Esclusham Mountain	In Sphagnum moss	D0217/001/04	RDB-NB, RDB-NS	NA
<i>Anas crecca</i> (Teal / Corhwyaden)	SJ2453	6 records, between 13/10/2011 and 24/02/2019	Steven Davies; Mr Steven Davies	1 Female; 1 Male; 1; 4; 2	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/027/01	BDir2.1, Bonn2, CITES-C, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, UKBA, WBA	NA, PC
<i>Anas platyrhynchos</i> (Mallard / Hwyaden Wyllt)	SJ2351	29 records, between 23/03/2007 and 22/03/2020	Des James; Helen Conrad; Julie Rogers; Julie Chicken; Trevor Britton; Stephen Mcavoy; Steven Davies; Shelagh A Halsey; Andy J Bevan; Neil Hughes; SJ Hall; Trevor B Taylor; Dr Anne Brenchley; Mr Ste...	2; 3; 4; 9; 1 Female; 6 Juvenile; 8 Juvenile; 5; 4 Female 2 Male 2; 6; 8; 1	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; Roving record. Survey: Observer data; Birdtrack; Birdtrack. Activity: H; BirdTrack; Bird Track; Breeding status: P	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	BDir2.1, Bonn2, LBAP-C, LBAP-G, RL-NT, UKBA, WBA	NA, PC, UA
<i>Anas platyrhynchos</i> (Mallard / Hwyaden Wyllt)	SJ2451	2 records, between 05/05/2012 and 12/04/2015	Ros Lane; Barrie J Roberts	2	Reported to recorder	Gwynfryn, SW	Survey: Observer data; Bird Track	D0062/008/01 , D1297/025/01	BDir2.1, Bonn2, LBAP-C, LBAP-G, RL-NT, UKBA, WBA	NA, PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Anas platyrhynchos</i> (Mallard / Hwyaden Wylt)	SJ2453	64 records, between 28/09/2006 and 27/12/2020	Steven Davies; Julie Chicken; Mr Steven Davies	8; 17; 45; 12 Adult; 2 Juvenile; 2 Male; 3 Female; 4 Male; 1 Female; 3 Male; 1; 3; 4; 5; 2; 13; 9; Female 1, Male 2, Juvenile 3; 7; 3+; 10; 6	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; WEBS. Survey: Observer data; WeBS. Survey: Observer data; Birdtrack; Birdtrack. Activity: H; Birdtrack;; Birdtrack.. Activity: P; Birdtrack.. Activity: H; BirdTrack; BirdTrack. Activity: H; BirdTrack. Activity: P; BirdTrack. Activity: FL	D0062/008/01 , D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01	BDir2.1, Bonn2, LBAP-C, LBAP-G, RL-NT, UKBA, WBA	NA, PC, UA
<i>Anas platyrhynchos</i> (Mallard / Hwyaden Wylt)	SJ2553	8 records, between 22/06/2004 and 07/07/2012	Steven Davies	1 Female; 3 Juvenile; 3; 2; 10; 12; 6	Reported to recorder	Bwlchgwyn, W	Survey: Observer data; Birdtrack. Activity: H; Birdtrack.. Activity: H; Birdtrack.. Activity: FL; BirdTrack; BirdTrack. Activity: P	D0062/008/01 , D1297/025/01	BDir2.1, Bonn2, LBAP-C, LBAP-G, RL-NT, UKBA, WBA	NA, PC
<i>Anas platyrhynchos</i> (Mallard / Hwyaden Wylt)	SJ2251	9 records, between 19/03/2017 and 02/03/2020	Norma Williams; Mr David Beevers			Llandegla Forest	BirdTrack	D1297/025/01 , D1297/039/01	BDir2.1, Bonn2, LBAP-C, LBAP-G, RL-NT, UKBA, WBA	PC, UA
<i>Anas platyrhynchos</i> (Mallard / Hwyaden Wylt)	SJ2352	19/04/2009	Steven Davies	2		Llandegla Forest, NE	Birdtrack. Activity: P	D1297/025/01	BDir2.1, Bonn2, LBAP-C, LBAP-G, RL-NT, UKBA, WBA	PC
<i>Anas platyrhynchos</i> (Mallard / Hwyaden Wylt)	SJ2250	2 records, between 15/04/2007 and 28/04/2013	Henry RA Cook; Louise Bailey	6; 4		Llandegla Forest, S	Birdtrack; BirdTrack	D1297/025/01	BDir2.1, Bonn2, LBAP-C, LBAP-G, RL-NT, UKBA, WBA	PC
<i>Anas platyrhynchos</i> (Mallard / Hwyaden Wylt)	SJ2252	3 records, between 19/04/2009 and 04/04/2015	Steven Davies	1; 2		Llandegla, Moel Garegog, E	Birdtrack. Activity: H; BirdTrack	D1297/025/01	BDir2.1, Bonn2, LBAP-C, LBAP-G, RL-NT, UKBA, WBA	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Anas platyrhynchos</i> (Mallard / Hwyaden Wylt)	SJ2552	2 records, between 02/05/2009 and 27/03/2015	Steven Davies	2; 1		Gwynfryn	Birdtrack. Activity: H; Bird Track	D1297/025/01	BDir2.1, Bonn2, LBAP-C, LBAP-G, RL-NT, UKBA, WBA	PC
<i>Anas platyrhynchos</i> (Mallard / Hwyaden Wylt)	SJ2153	2 records, between 28/04/2010 and 12/07/2012	Steven Davies	1		Moel Garegog, N	Birdtrack.. Activity: H; BirdTrack. Activity: H	D1297/025/01	BDir2.1, Bonn2, LBAP-C, LBAP-G, RL-NT, UKBA, WBA	PC
<i>Anas platyrhynchos</i> (Mallard / Hwyaden Wylt)	SJ2253	19/04/2008	Dermot J Smith	5		Moel Garegog, NE	Birdtrack. Activity: P	D1297/025/01	BDir2.1, Bonn2, LBAP-C, LBAP-G, RL-NT, UKBA, WBA	PC
<i>Anas platyrhynchos</i> (Mallard / Hwyaden Wylt)	SJ2354	04/05/2013	Steven Davies	2		Rhydtalog	BirdTrack. Activity: P	D1297/025/01	BDir2.1, Bonn2, LBAP-C, LBAP-G, RL-NT, UKBA, WBA	PC
<i>Anas platyrhynchos</i> (Mallard / Hwyaden Wylt)	SJ2550	3 records, between 25/03/2016 and 17/04/2019	Kenny D Hall; Mrs Heather Cartwright; Mr Mark Breaks			Ruabon Mountain, Esclusham Mountain	BirdTrack	D1297/025/01 , D1297/026/01	BDir2.1, Bonn2, LBAP-C, LBAP-G, RL-NT, UKBA, WBA	PC
<i>Anas platyrhynchos</i> (Mallard / Hwyaden Wylt)	SJ2450	2 records, between 25/03/2016 and 15/04/2019	Rob Swift; Mr Malcolm Down			Ruabon Mountain, Esclusham Mountain, W	BirdTrack	D1297/025/01 , D1297/026/01	BDir2.1, Bonn2, LBAP-C, LBAP-G, RL-NT, UKBA, WBA	PC
<i>Anas platyrhynchos</i> (Mallard / Hwyaden Wylt)	SJ2151	10/04/2016	Rupert J Pyrah			Tafarn-y-garth	BirdTrack	D1297/025/01	BDir2.1, Bonn2, LBAP-C, LBAP-G, RL-NT, UKBA, WBA	PC
<i>Anas platyrhynchos platyrhynchos</i>	SJ2251 (Approximate)	02/03/2020	Mr David Beevers			A525 Nr, Llandegla		D1297/040/01	BDir2.1, Bonn2, RL-NT, UKBA	UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Andrena labiata</i> (Red-girdled Mining Bee)	SJ248523	06/05/2016	A.N. & J.E.Graham	1		Eisteddfod Farm, Gwynfryn		D0135/001/05	RDB-NA	NA
<i>Andrena similis</i> (Red-backed Mining Bee)	SJ257521	22/05/2019	A.N. & J.E.Graham	1 Male		Eisteddfod Farm, Gwynfryn		D0135/001/05	RDB-NB	NA
<i>Anthus pratensis</i> (Meadow Pipit / Corhedydd y Waun)	SJ227537 (Estimated Centroid of Site))	23/04/2013	Des James		Live Sighting	LMZ: Ruabon 03		D1448/002/01	Bern2, LBAP-C, UKBA, WBA	NA
<i>Anthus pratensis</i> (Meadow Pipit / Corhedydd y Waun)	SJ2550	48 records, between 21/10/2005 and 11/10/2020	Paul Martin; Mervyn Rogers; Julie Rogers; John Lawton Roberts; Steven Davies; Annie N Haycock; Zac Hinchcliffe; Mark T Breaks; JK Ogden; John F Jones; DV Avis; GA Stacey; Heather Cartwright; Kenny ...	2; Several Pairs Adult; Several pairs Adult; 1; 4; 3; 15; 20; 10+; 18; 50; 100+; 20+; 8+	Reported to recorder	Esclusham mountain	Several pairs performing courtship flights. A marked increase in individuals on the previous week.; Several pairs performing courtship flights.; Survey: Observer data; 1st song + good numbers on moor. Activity: S. Survey: Observer data; BirdTrack. Activity: T; BirdTrack. Activity: FF; Bird	D1117/001/01 , D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	Bern2, LBAP-C, UKBA, WBA	PC, NA, UA
<i>Anthus pratensis</i> (Meadow Pipit / Corhedydd y Waun)	SJ2450 (Selected from Interactive Map)	15 records, between 02/05/2009 and 15/04/2019	Paul Martin; Neil Hughes; MJ Wheeler; Steven Davies; Rob Swift; Andy J Bevan; Ifor Jones; T Bowyer; Derek J Gruar; Mr Malcolm Down	2 Adult; 2+; 4; 8; 12; 50+; 10+; 3	Reported to recorder	Esclusham mountain	Survey: Observer data; BirdTrack. Activity: P; BirdTrack. Activity: S; BirdTrack. Activity: T; BirdTrack; Bird Track	D1117/001/01 , D0062/008/01 , D1297/025/01 , D1297/026/01	Bern2, LBAP-C, UKBA, WBA	PC, NA
<i>Anthus pratensis</i> (Meadow Pipit / Corhedydd y Waun)	SJ2351	37 records, between 17/06/2005 and 21/07/2020	Julie Chicken; Julie Rogers; Trevor Britton; Mike Radcliffe; Helen Conrad; Steven Davies; Shelagh A Halsey; David Keeling; John Marchant; SJ Hall; Heather Cartwright; Mrs Heather Cartwright; Dr Ann...	1; 3; 4; 24; 2+; 2; 5; 6+; 3+	Reported to recorder	Pendinas, Reservoir	RR. Survey: Observer data; Survey: Observer data; Birdtrack. Activity: S; BirdTrack; BirdTrack. Activity: S; Bird Track; Bird Track. Activity: D; Breeding status: D	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	Bern2, LBAP-C, UKBA, WBA	NA, PC, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Anthus pratensis</i> (Meadow Pipit / Corhedydd y Waun)	SJ2152	2 records, between 10/04/2010 and 04/05/2013	Tim Ross; Steven Davies	1	Reported to recorder	Moel Garegog	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	Bern2, LBAP-C, UKBA, WBA	NA, PC
<i>Anthus pratensis</i> (Meadow Pipit / Corhedydd y Waun)	SJ2353	6 records, between 15/05/2004 and 04/05/2013	Tim Ross; David Richardson; Dermot J Smith; Steven Davies	1; 2	Reported to recorder	Llandegla, Moor, NE	Survey: Observer data; Activity: P. Survey: Observer data; Birdtrack; BirdTrack. Activity: T; BirdTrack. Activity: H	D0062/008/01 , D1297/025/01	Bern2, LBAP-C, UKBA, WBA	NA, PC
<i>Anthus pratensis</i> (Meadow Pipit / Corhedydd y Waun)	SJ2350	7 records, between 01/04/2012 and 04/04/2015	Julie Chicken; Des James; Helen Conrad; Steven Davies	1; 3; 5; 10+	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data; BirdTrack; Bird Track	D0062/008/01 , D1297/025/01	Bern2, LBAP-C, UKBA, WBA	NA, PC
<i>Anthus pratensis</i> (Meadow Pipit / Corhedydd y Waun)	SJ2451	5 records, between 05/05/2012 and 23/04/2019	Ros Lane; Steven Davies; Barrie J Roberts; Neil Hughes; Mr James Hughes	2; 1; 19	Reported to recorder	Gwynfryn, SW	Survey: Observer data; BirdTrack. Activity: T; Bird Track; BirdTrack; Breeding status: D	D0062/008/01 , D1297/025/01 , D1297/026/01	Bern2, LBAP-C, UKBA, WBA	NA, PC
<i>Anthus pratensis</i> (Meadow Pipit / Corhedydd y Waun)	SJ2551	30 records, between 13/04/2007 and 15/08/2020	Julie Chicken; John Lawton Roberts; Norman Hallas; Steven Davies; Roger Halsey; N Duggan; TM Towey; Declan Savage; Dave Beevers; Emma Broad; Colin A Penny; Justin B Williams; Mr Steven Davies; Mr P...	5; 17; 20; 10; 2; 12; 1; 3; 2+; 5+	Reported to recorder	Ruabon Mountain, Esclusham Mountain, N	Survey: Observer data; In quarry, off moor - cold weather. Survey: Observer data; Field at World's End. Survey: Observer data; Birdtrack. Activity: H; Birdtrack.: Activity: H; Birdtrack.; BirdTrack; BirdTrack. Activity: S; BirdTrack. Activity: FF; Breeding status: N	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	Bern2, LBAP-C, UKBA, WBA	NA, PC, UA
<i>Anthus pratensis</i> (Meadow Pipit / Corhedydd y Waun)	SJ2553	2 records, between 08/10/2004 and 11/10/2007	Steven Davies	10; 28	Reported to recorder	Bwlchgwyn, W	flying south. Survey: Observer data; flying over. Survey: Observer data	D0062/008/01	Bern2, LBAP-C, UKBA, WBA	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Anthus pratensis</i> (Meadow Pipit / Corhedydd y Waun)	SJ2252	2 records, between 15/04/2005 and 21/03/2008	Julie Rogers; Dermot J Smith		Reported to recorder	Llandegla, Moel Garegog, E	Survey: Observer data; Birdtrack	D0062/008/01 , D1297/025/01	Bern2, LBAP-C, UKBA, WBA	NA, PC
<i>Anthus pratensis</i> (Meadow Pipit / Corhedydd y Waun)	SJ2500950881	19/05/2013	Jim Hulse	1	Reported to recorder	Ruabon Mountain, Esclusham Mountain	Activity: S. Survey: Observer data	D0062/008/01	Bern2, LBAP-C, UKBA, WBA	NA
<i>Anthus pratensis</i> (Meadow Pipit / Corhedydd y Waun)	SJ2352	02/04/2010	Tim Ross	1	Reported to recorder	Llandegla Forest, NE	Activity: S. Survey: Observer data	D0062/008/01	Bern2, LBAP-C, UKBA, WBA	NA
<i>Anthus pratensis</i> (Meadow Pipit / Corhedydd y Waun)	SJ2251	11 records, between 19/03/2017 and 11/07/2018	Norma Williams; Graham Jones	2+		Llandegla Forest	BirdTrack	D1297/025/01	Bern2, LBAP-C, UKBA, WBA	PC
<i>Anthus pratensis</i> (Meadow Pipit / Corhedydd y Waun)	SJ2250	3 records, between 28/04/2013 and 11/10/2016	Steven Davies; Louise Bailey; Samuel El Jones	2		Llandegla Forest, S	BirdTrack	D1297/025/01	Bern2, LBAP-C, UKBA, WBA	PC
<i>Anthus pratensis</i> (Meadow Pipit / Corhedydd y Waun)	SJ2552	2 records, between 28/07/2011 and 27/03/2015	Steven Davies	2; 3+		Gwynfryn	BirdTrack; Bird Track	D1297/025/01	Bern2, LBAP-C, UKBA, WBA	PC
<i>Anthus pratensis</i> (Meadow Pipit / Corhedydd y Waun)	SJ2452	22/03/2018	Anne Brenchley			Gwynfryn, W		D1297/025/01	Bern2, LBAP-C, UKBA, WBA	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Anthus pratensis</i> (Meadow Pipit / Corhedydd y Waun)	SJ2153	28/04/2010	Steven Davies			Moel Garegog, N	Birdtrack.: Activity: H	D1297/025/01	Bern2, LBAP-C, UKBA, WBA	PC
<i>Anthus pratensis</i> (Meadow Pipit / Corhedydd y Waun)	SJ2253	5 records, between 21/03/2008 and 04/05/2013	Dermot J Smith; Steven Davies	10+		Moel Garegog, NE	Birdtrack; Birdtrack. Activity: FF; Birdtrack. Activity: T; BirdTrack. Activity: S; BirdTrack	D1297/025/01	Bern2, LBAP-C, UKBA, WBA	PC
<i>Anthus pratensis</i> (Meadow Pipit / Corhedydd y Waun)	SJ2453	63 records, between 19/03/2002 and 27/12/2020	Steven Davies; Mr Steven Davies	1; 2; 4; 2+; 3; 4+; 12+; 40		Nant-y-Ffrith Reservoir	Birdtrack. Activity: H; Birdtrack. Activity: F; Birdtrack; Birdtrack.: Activity: H; Birdtrack.: Activity: S; BirdTrack; BirdTrack. Activity: H; BirdTrack. Activity: FF	D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01 , D1297/041/01	Bern2, LBAP-C, UKBA, WBA	PC, UA
<i>Anthus pratensis</i> (Meadow Pipit / Corhedydd y Waun)	SJ2354	3 records, between 20/04/2009 and 04/05/2013	Steven Davies			Rhydtalog	Birdtrack. Activity: H; BirdTrack. Activity: T; BirdTrack	D1297/025/01	Bern2, LBAP-C, UKBA, WBA	PC
<i>Anthus pratensis</i> (Meadow Pipit / Corhedydd y Waun)	SJ2454	25/06/2009	Steven Davies			Rhydtalog, E	Birdtrack. Activity: S	D1297/025/01	Bern2, LBAP-C, UKBA, WBA	PC
<i>Anthus pratensis</i> (Meadow Pipit / Corhedydd y Waun)	SJ2254	4 records, between 20/04/2009 and 06/08/2016	Steven Davies	1		Rhydtalog, W	Birdtrack. Activity: H; BirdTrack. Activity: T; BirdTrack	D1297/025/01	Bern2, LBAP-C, UKBA, WBA	PC
<i>Anthus pratensis</i> (Meadow Pipit / Corhedydd y Waun)	SJ2151	10/04/2016	Rupert J Pyrah			Tafarn-y-garth	BirdTrack	D1297/025/01	Bern2, LBAP-C, UKBA, WBA	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Anthus pratensis</i> (Meadow Pipit / Corhedydd y Waun)	SJ251516	09/06/2016	Martyn Harris	1	Field record	East of Park Farm, Minera, Denbighshire		D0969/001/05	Bern2, LBAP-C, UKBA, WBA	PC
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ2351	9 records, between 04/05/2008 and 05/07/2019	Julie Chicken; Jenny Thomas; Stephen Mcavoy; Steven Davies; Shelagh A Halsey; Mr T Taylor	1; 7; 2; 20+	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; Birdtrack; Birdtrack.: Activity: F; BirdTrack. Activity: F; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/026/01	RL-EN, UKBA, WBA	NA, PC
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ2453	10 records, between 11/05/2002 and 29/06/2014	JA Jackson; Steven Davies; Mr Steven Davies	2; 1; 3; 4; 5; 3+	Reported to recorder	Nant-y-Ffrith Reservoir	First spring record. Survey: Observer data; Birdtrack. Activity: F; BirdTrack. Activity: F; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/041/01	RL-EN, UKBA, WBA	NA, PC, UA
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ2552	4 records, between 23/07/2009 and 26/06/2012	Julie Chicken; Steven Davies	3; 1	Reported to recorder	Gwynfryn	Survey: Observer data; Birdtrack.: Activity: F; BirdTrack; BirdTrack. Activity: H	D0062/008/01 , D1297/025/01	RL-EN, UKBA, WBA	NA, PC
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ2553	29/06/2011	Steven Davies			Bwlchgwyn, W	BirdTrack	D1297/025/01	RL-EN, UKBA, WBA	PC
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ2251	30/04/2017	Norma Williams			Llandegla Forest	BirdTrack	D1297/025/01	RL-EN, UKBA, WBA	PC
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ2250	21/05/2006	Henry RA Cook	2		Llandegla Forest, S	Birdtrack	D1297/025/01	RL-EN, UKBA, WBA	PC
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ2550	21/06/2016	DV Avis	1		Ruabon Mountain, Esclusham Mountain	BirdTrack	D1297/025/01	RL-EN, UKBA, WBA	PC
<i>Apus apus</i> (Swift / Gwennol Ddu)	SJ2551	5 records, between 14/06/2009 and 20/06/2020	Norman Hallas; Steven Davies; Mr Steven Davies	1; 2		Ruabon Mountain, Esclusham Mountain, N	Birdtrack; BirdTrack; BirdTrack. Activity: H	D1297/025/01 , D1297/039/01	RL-EN, UKBA, WBA	PC, UA

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)	SJ2450	07/07/2016	Ifor Jones	40		Ruabon Mountain, Esclusham Mountain, W	BirdTrack	D1297/025/01	RL-EN, UKBA, WBA	PC
<i>Ardea cinerea</i> (Grey Heron / Crëyr Glas)	SJ242531 (GPS Reading)	21/03/2018	Gordon Plater	1		Nant y ffrith	Reservoir	D1117/001/01	RL-NT	PC
<i>Ardea cinerea</i> (Grey Heron / Crëyr Glas)	SJ2453	47 records, between 11/11/2007 and 25/10/2020	Julie Chicken; Steven Davies; Mr Steven Davies	1; 4; 2	Reported to recorder	Nant-y-Ffrith Reservoir	Roving record. Survey: Observer data; Survey: Observer data; WEBS. Survey: Observer data; WeBS. Survey: Observer data; Birdtrack. Activity: U; BirdTrack; BirdTrack. Activity: U; BirdTrack. Activity: F	D0062/008/01 , D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01	RL-NT	NA, PC, UA
<i>Ardea cinerea</i> (Grey Heron / Crëyr Glas)	SJ2553	4 records, between 27/05/2008 and 07/07/2012	Ian M Spence; Steven Davies	1	Reported to recorder	Bwlchgwyn, W	Survey: Observer data; Birdtrack;; BirdTrack; BirdTrack. Activity: U	D0062/008/01 , D1297/025/01	RL-NT	NA, PC
<i>Ardea cinerea</i> (Grey Heron / Crëyr Glas)	SJ2351	7 records, between 27/07/2011 and 28/03/2019	Julie Chicken; Helen Conrad; Barry Lynes; Steven Davies; Dr Anne Brenchley	1	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; BirdTrack; BirdTrack. Activity: U	D0062/008/01 , D1297/025/01 , D1297/026/01	RL-NT	NA, PC
<i>Ardea cinerea</i> (Grey Heron / Crëyr Glas)	SJ2552	11/02/2011	Steven Davies	2	Reported to recorder	Gwynfryn	Survey: Observer data	D0062/008/01	RL-NT	NA
<i>Ardea cinerea</i> (Grey Heron / Crëyr Glas)	SJ2251	2 records, between 09/04/2017 and 23/04/2017	Norma Williams			Llandegla Forest	BirdTrack	D1297/025/01	RL-NT	PC
<i>Ardea cinerea</i> (Grey Heron / Crëyr Glas)	SJ2252	28/04/2013	Steven Davies	2		Llandegla, Moel Garegog, E	BirdTrack	D1297/025/01	RL-NT	PC
<i>Ardea cinerea</i> (Grey Heron / Crëyr Glas)	SJ2254	09/08/2014	Steven Davies	1		Rhydtalog, W	BirdTrack	D1297/025/01	RL-NT	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Ardea cinerea</i> (Grey Heron / Crëyr Glas)	SJ2550 (Approximate)	03/08/2020	Mr J Jones	1		Esclusham mountains		D1297/039/01	RL-NT	UA
<i>Asio flammeus</i> (Short-eared Owl / Tylluan Glustig)	SJ25	2 records, between 23/12/2014 and 20/06/2015	Per John Lawton Roberts; Gary Honey	1	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01 , D1297/025/01	BDir1, Bern2, CITES-A, LBAP-C, LBAP-D, LBAP-G, RL-EN, UKBA, WBR	NA, PC
<i>Asio flammeus</i> (Short-eared Owl / Tylluan Glustig)	SJ25	2 records, between 22/04/2011 and 17/02/2019	Per John Lawton Roberts; Anon (Gamekeeper)	1; 2 as pair	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01 , D0062/010/01	BDir1, Bern2, CITES-A, LBAP-C, LBAP-D, LBAP-G, RL-EN, UKBA, WBR	NA
<i>Asio flammeus</i> (Short-eared Owl / Tylluan Glustig)	SJ25	12/03/2016	Anon			-Withheld-	-Withheld-	D1297/025/01	BDir1, Bern2, CITES-A, LBAP-C, LBAP-D, LBAP-G, RL-EN, UKBA, WBR	PC
<i>Asio otus</i> (Long-eared Owl / Tylluan Gorniog)	SJ25 (Estimated (From Recorder's Map))	23/04/2013	Chris Mellenchip; Richard May	1	Live Sighting	-Withheld-	-Withheld-	D1448/002/01	Bern2, CITES-A, LBAP-C, WBA	NA
<i>Asio otus</i> (Long-eared Owl / Tylluan Gorniog)	SJ25 (Estimated (From Recorder's Map))	25/04/2014	Chris Mellenchip	1 Adult	Live Sighting	-Withheld-	-Withheld-	D1448/002/01	Bern2, CITES-A, LBAP-C, WBA	NA
<i>Asio otus</i> (Long-eared Owl / Tylluan Gorniog)	SJ25	01/04/2007	Julie Rogers	1	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01	Bern2, CITES-A, LBAP-C, WBA	NA
<i>Asio otus</i> (Long-eared Owl / Tylluan Gorniog)	SJ25	11/07/2018	Graham Jones	2+		-Withheld-	-Withheld-	D1297/025/01	Bern2, CITES-A, LBAP-C, WBA	PC

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)	SJ2553	8 records, between 26/02/2006 and 03/04/2010	Steven Davies	2; 5; 8; 2 Female; 3 Male; 6	Reported to recorder	Bwlchgwyn, W	Bwlchgwyn Quarry. Survey: Observer data; in Bwlchgwyn Quarry. Survey: Observer data; on pool in Bwlchgwyn Quarry. Survey: Observer data; Survey: Observer data; Birdtrack. Activity: H; Birdtrack. Activity: M; Birdtrack. Activity: H	D0062/008/01 , D1297/025/01	BDir2.1, Bonn2, LBAP-C, WBA	NA, PC
<i>Aythya fuligula</i> (Tufted Duck / Hwyaden Gopog)	SJ2453	14 records, between 22/08/2004 and 21/04/2019	Steven Davies; Julie Chicken; Mr Steven Davies	2; 1 Female; 1 Juvenile; 1 Male; 1; 4 Female 2 Male 2	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; WEBS. Survey: Observer data; Birdtrack; Birdtrack. Activity: H; BirdTrack; Breeding status: P	D0062/008/01 , D1297/025/01 , D1297/026/01	BDir2.1, Bonn2, LBAP-C, WBA	NA, PC
<i>Aythya fuligula</i> (Tufted Duck / Hwyaden Gopog)	SJ2351	3 records, between 07/04/2007 and 19/04/2009	Julie Chicken; Steven Davies	1 Female; 1 Male; 3	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; Birdtrack. Activity: M	D0062/008/01 , D1297/025/01	BDir2.1, Bonn2, LBAP-C, WBA	NA, PC
<i>Aythya fuligula</i> (Tufted Duck / Hwyaden Gopog)	SJ2452	28/02/2011	Steven Davies	1		Gwynfryn, W	BirdTrack	D1297/025/01	BDir2.1, Bonn2, LBAP-C, WBA	PC
<i>Boletus luridus</i> / Cap Tyllog Llwydfelyn	SJ256523	13/08/2017	A.N. & J.E.Graham			Eisteddfod Farm, Gwynfryn, Boncyn	Assoc. species: Helianthemum. Habitat: limestone grassland	D0135/015/01	RL-DD	NA
<i>Bradycellus caucasicus</i>	SJ247510	02/03/2007	J B Formstone	2 Adult		Aber Sychnant	In moss. Habitat: Grassland: marshy, upland B5.1. Method: Hand searching	D1650/002/01	RDB-NS	NA
<i>Bromus hordeaceus</i> (Soft-brome / Pawrwellt Cyffredin)	SJ254523	26/09/2016	Denbs Group (Williams, D.)			Minera Quarry	Old road through wooded area	D1169/004/02	RDB-NS	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Bromus hordeaceus</i> (Soft-brome / Pawrwellt Cyffredin)	SJ2251	26/05/2016	Stead, M.O.			Llandegla Forest		D1169/004/02	RDB-NS	NA
<i>Bucephala clangula</i> (Goldeneye / Hwyaaden Lygad-Aur)	SJ2453	5 records, between 13/12/2004 and 05/11/2011	Julie Chicken; Steven Davies	1; 2; 1 Female; 1 Male	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data	D0062/008/01	BDir2.2, Bonn2, LBAP-C, RL-VU, UKBA, WCA1.2	NA
<i>Chloris chloris</i> (Greenfinch / Llinos Werdd)	SJ2553	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656-BGBW2009-16440250-105744273	D1852/002/01	Bern2, LBAP-C, RL-EN	PC
<i>Chloris chloris</i> (Greenfinch / Llinos Werdd)	SJ2552	5 records, between 24/01/2009 and 27/03/2015	Anon; Steven Davies	1			Occurrence ID: NBN-GA000656-BGBW2009-16440297-105743991; BirdTrack; BirdTrack. Activity: H; Bird Track	D1852/002/01 , D1297/025/01	Bern2, LBAP-C, RL-EN	PC
<i>Chloris chloris</i> (Greenfinch / Llinos Werdd)	SJ2452	04/05/2012	Julie Chicken	1	Reported to recorder	Gwynfryn, W	Survey: Observer data	D0062/008/01	Bern2, LBAP-C, RL-EN	NA
<i>Chloris chloris</i> (Greenfinch / Llinos Werdd)	SJ2252	15/04/2005	Julie Rogers		Reported to recorder	Llandegla, Moel Garegog, E	Survey: Observer data	D0062/008/01	Bern2, LBAP-C, RL-EN	NA
<i>Chloris chloris</i> (Greenfinch / Llinos Werdd)	SJ2453	13 records, between 19/03/2002 and 24/02/2019	Steven Davies; Mr Steven Davies	1; 4; 2		Nant-y-Ffrith Reservoir	Birdtrack. Activity: H; BirdTrack	D1297/025/01 , D1297/027/01 , D1297/041/01	Bern2, LBAP-C, RL-EN	PC, UA
<i>Cinclus cinclus</i> (Dipper / Bronwen y Dwr)	SJ250507	30/04/2016	Mr N French	1		Worlds End 1		D1297/021/01	Bern2, LBAP-C, LBAP-T, RL-NT, UKBA, WBA	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Cinclus cinclus</i> (Dipper / Bronwen y Dwr)	SJ2550	7 records, between 10/04/2015 and 03/08/2020	Anon; John F Jones; Mr J F Jones; Mr Nigel Troup; Mr J Jones	1; 6; 2; 4		Ruabon Mountain, Esclusham Mountain	Bird Track; BirdTrack	D1297/025/01 , D1297/026/01 , D1297/039/01	Bern2, LBAP-C, LBAP-T, RL-NT, UKBA, WBA	PC, UA
<i>Cinclus cinclus</i> (Dipper / Bronwen y Dwr)	SJ2551	17/05/2015	N Duggan	1		Ruabon Mountain, Esclusham Mountain, N	Bird Track	D1297/025/01	Bern2, LBAP-C, LBAP-T, RL-NT, UKBA, WBA	PC
<i>Corvus frugilegus</i> (Rook / Ydfran)	SJ2453	11 records, between 13/12/2007 and 24/02/2019	Julie Chicken; Steven Davies; Mr Steven Davies	1; 2; 10	Reported to recorder	Nant-y-Ffrith Reservoir	RR, Survey: Observer data; timed tetrad visit in SJ25L. Survey: Observer data; Survey: Observer data; Birdtrack. Activity: U; Birdtrack.: Activity: F; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/027/01	BDir2.2, RL-NT	NA, PC
<i>Corvus frugilegus</i> (Rook / Ydfran)	SJ2351	05/05/2012	Ros Lane	4	Reported to recorder	Pendinas, Reservoir	Survey: Observer data	D0062/008/01	BDir2.2, RL-NT	NA
<i>Corvus frugilegus</i> (Rook / Ydfran)	SJ2551	28/04/2014	N Duggan	3		Ruabon Mountain, Esclusham Mountain, N	BirdTrack	D1297/025/01	BDir2.2, RL-NT	PC
<i>Corvus frugilegus</i> (Rook / Ydfran)	SJ2151	10/04/2016	Rupert J Pyrah			Tafarn-y-garth	BirdTrack	D1297/025/01	BDir2.2, RL-NT	PC
<i>Curruca communis</i> (Whitethroat / Llwydfon)	SJ250507	06/06/2015	Mr N French	2		Worlds End		D1297/020/01	LBAP-C, WBA	PC
<i>Curruca communis</i> (Whitethroat / Llwydfon)	SJ250518 (Estimated (Centroid of Site))	02/06/2018	Anon			Minera Quarry		D1823/001/01	LBAP-C, WBA	PC
<i>Curruca communis</i> (Whitethroat / Llwydfon)	SJ2453	13 records, between 01/08/2004 and 06/05/2018	Steven Davies	1; 3; 2	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; Birdtrack. Activity: S; BirdTrack; BirdTrack. Activity: H; BirdTrack. Activity: FL; BirdTrack. Activity: S	D0062/008/01 , D1297/025/01	LBAP-C, WBA	NA, 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)	SJ2351	6 records, between 27/07/2011 and 14/06/2018	Barry Lynes; Bob Lane; Steven Davies; Trevor B Taylor	1; 5	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	LBAP-C, WBA	NA, PC
<i>Curruca communis</i> (Whitethroat / Llwydfron)	SJ2350	2 records, between 13/05/2012 and 26/05/2012	Helen Conrad; Jenny Thomas	2	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data	D0062/008/01	LBAP-C, WBA	NA
<i>Curruca communis</i> (Whitethroat / Llwydfron)	SJ2550	4 records, between 31/05/2005 and 03/08/2020	John Lawton Roberts; Zac Hinchcliffe; Mr J F Jones; Mr J Jones	3 Male; 4; 2	Reported to recorder	Ruabon Mountain, Esclusham Mountain	3 in one valley only. Survey: Observer data; BirdTrack; Breeding status: S	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	LBAP-C, WBA	NA, PC, UA
<i>Curruca communis</i> (Whitethroat / Llwydfron)	SJ2251	2 records, between 07/05/2017 and 14/06/2017	Norma Williams			Llandegla Forest	BirdTrack	D1297/025/01	LBAP-C, WBA	PC
<i>Curruca communis</i> (Whitethroat / Llwydfron)	SJ2250	27/07/2013	Steven Davies	1		Llandegla Forest, S	BirdTrack	D1297/025/01	LBAP-C, WBA	PC
<i>Curruca communis</i> (Whitethroat / Llwydfron)	SJ2552	2 records, between 29/06/2011 and 30/05/2019	Steven Davies; Dr Anne Brenchley	2		Gwynfryn	BirdTrack; Breeding status: S	D1297/025/01 , D1297/026/01	LBAP-C, WBA	PC
<i>Curruca communis</i> (Whitethroat / Llwydfron)	SJ2452	08/06/2018	Kevin J Smith	1		Gwynfryn, W		D1297/025/01	LBAP-C, 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 / Llwedfron)	SJ2253	04/05/2013	Steven Davies	1		Moel Garegog, NE	BirdTrack	D1297/025/01	LBAP-C, WBA	PC
<i>Curruca communis</i> (Whitethroat / Llwedfron)	SJ2454	22/07/2018	Steven Davies	1		Rhydtalog, E		D1297/025/01	LBAP-C, WBA	PC
<i>Curruca communis</i> (Whitethroat / Llwedfron)	SJ2254	09/08/2014	Steven Davies	3		Rhydtalog, W	BirdTrack	D1297/025/01	LBAP-C, WBA	PC
<i>Curruca communis</i> (Whitethroat / Llwedfron)	SJ2551	2 records, between 14/07/2011 and 24/06/2017	Steven Davies	2; 1		Ruabon Mountain, Esclusham Mountain, N	BirdTrack; BirdTrack. Activity: FF	D1297/025/01	LBAP-C, WBA	PC
<i>Curruca communis</i> (Whitethroat / Llwedfron)	SJ2450	27/07/2013	Steven Davies	2		Ruabon Mountain, Esclusham Mountain, W	BirdTrack. Activity: P	D1297/025/01	LBAP-C, WBA	PC
<i>Curruca communis</i> (Whitethroat / Llwedfron)	SJ2451	23/04/2019	Mr James Hughes	1		Gwynfryn, SW	Breeding status: S	D1297/026/01	LBAP-C, WBA	PC
<i>Cyanapion gyllenhalii</i>	SJ248521	2 records, both on 23/08/2016	A.N. & J.E. Graham; A.N. & J.E. Graham	1		Minera Quarry	Identified with Duff Vol 4	D0135/001/05 , D1818/002/01	RDB-NB	NA
<i>Cygnus olor</i> (Mute Swan / Alarch Dof)	SJ2453	8 records, between 11/04/2006 and 03/12/2017	Julie Chicken; Steven Davies	1; 2; 4	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	BDir2.2, Bonn2, GBNN SIP, LBAP-C, UKBA, WBA	NA, PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Cygnus olor</i> (Mute Swan / Alarch Dof)	SJ2452	12/07/2004	Kevin J Smith	2	Reported to recorder	Gwynfryn, W	Inland. Survey: Observer data	D0062/008/01	BDir2.2, Bonn2, GBNSIP, LBAP-C, UKBA, WBA	NA
<i>Cytisus scoparius</i> (Broom / Banhadlen)	SJ252533	10/06/1981	Goronwy Wynne			Bwlchgwyn; 1.25 miles to the west	scrub - edge of conifer plantation	D0101/001/01	RDB-NR, RL-NT	PC
<i>Cytisus scoparius</i> (Broom / Banhadlen)	SJ2354	13/10/2015	Jonathan Shanklin			Rhydtalog		D1587/004/01	RDB-NR, RL-NT	PC
<i>Cytisus scoparius</i> (Broom / Banhadlen)	SJ2151	08/06/2013	Shanklin, J.			Llandegla Forest		D1169/004/02	RDB-NR, RL-NT	NA
<i>Cytisus scoparius</i> (Broom / Banhadlen)	SJ2453	16/11/2018	Jonathan D Shanklin			Tan-y-bryn		D1587/026/01	RDB-NR, RL-NT	PC
<i>Daucus carota</i> (Wild Carrot / Moronen)	SJ250524 (Estimated (Centroid of Site))	01/11/1985	Dawn Gray and Janice Butler	Rare		Eisteddfod Grassland	Habitat: Unimproved calcareous grassland	D1239/012/01	GBNSIP, RDB-NS	PC
<i>Delichon urbicum</i> (House Martin / Gwennol y Bondo)	SJ2551	3 records, between 14/06/2009 and 26/06/2012	Julie Chicken; Norman Hallas; Steven Davies	2; 10	Reported to recorder	Ruabon Mountain, Esclusham Mountain, N	Survey: Observer data; Birdtrack; BirdTrack. Activity: H	D0062/008/01 , D1297/025/01	Bern2, LBAP-C, RL-VU, UKBA, WBA	NA, PC
<i>Delichon urbicum</i> (House Martin / Gwennol y Bondo)	SJ2553	03/06/2010	Steven Davies			Bwlchgwyn, W	Birdtrack: Activity: H	D1297/025/01	Bern2, LBAP-C, RL-VU, UKBA, WBA	PC
<i>Delichon urbicum</i> (House Martin / Gwennol y Bondo)	SJ2251	27/06/2012	Steven Davies	2		Llandegla Forest	BirdTrack. Activity: H	D1297/025/01	Bern2, LBAP-C, RL-VU, UKBA, WBA	PC
<i>Delichon urbicum</i> (House Martin / Gwennol y Bondo)	SJ2252	3 records, between 19/04/2009 and 22/07/2017	Steven Davies	1; 2		Llandegla, Moel Garegog, E	Birdtrack. Activity: H; BirdTrack	D1297/025/01	Bern2, LBAP-C, RL-VU, UKBA, WBA	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Delichon urbicum</i> (House Martin / Gwennol y Bondo)	SJ2552	3 records, between 29/06/2011 and 30/05/2019	Steven Davies; Dr Anne Brenchley			Gwynfryn	BirdTrack; BirdTrack. Activity: H	D1297/025/01 , D1297/026/01	Bern2, LBAP-C, RL-VU, UKBA, WBA	PC
<i>Delichon urbicum</i> (House Martin / Gwennol y Bondo)	SJ2452	29/06/2014	Steven Davies	2+		Gwynfryn, W	BirdTrack	D1297/025/01	Bern2, LBAP-C, RL-VU, UKBA, WBA	PC
<i>Delichon urbicum</i> (House Martin / Gwennol y Bondo)	SJ2152	12/07/2012	Steven Davies			Moel Garegog	BirdTrack. Activity: H	D1297/025/01	Bern2, LBAP-C, RL-VU, UKBA, WBA	PC
<i>Delichon urbicum</i> (House Martin / Gwennol y Bondo)	SJ2153	12/07/2012	Steven Davies			Moel Garegog, N	BirdTrack. Activity: H	D1297/025/01	Bern2, LBAP-C, RL-VU, UKBA, WBA	PC
<i>Delichon urbicum</i> (House Martin / Gwennol y Bondo)	SJ2453	23 records, between 11/06/2002 and 30/08/2020	Steven Davies; Mr Steven Davies	1; 3; 2; 4+		Nant-y-Ffrith Reservoir	Birdtrack. Activity: H; Birdtrack.: Activity: H; Birdtrack.: Activity: F; BirdTrack	D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01 , D1297/041/01	Bern2, LBAP-C, RL-VU, UKBA, WBA	PC, UA
<i>Delichon urbicum</i> (House Martin / Gwennol y Bondo)	SJ2354	28/05/2012	Steven Davies	1		Rhydtalog	BirdTrack. Activity: H	D1297/025/01	Bern2, LBAP-C, RL-VU, UKBA, WBA	PC
<i>Delichon urbicum</i> (House Martin / Gwennol y Bondo)	SJ2454	19/05/2011	Steven Davies			Rhydtalog, E	BirdTrack	D1297/025/01	Bern2, LBAP-C, RL-VU, UKBA, WBA	PC
<i>Delichon urbicum</i> (House Martin / Gwennol y Bondo)	SJ2550	2 records, between 21/06/2016 and 03/08/2020	DV Avis; Mr J Jones	4		Ruabon Mountain, Esclusham Mountain	BirdTrack	D1297/025/01 , D1297/039/01	Bern2, LBAP-C, RL-VU, UKBA, WBA	PC, UA
<i>Deschampsia</i> <i>cespitosa</i> (Tufted Hair-grass / Brigwellt Garw)	SJ224522 (Selected from Interactive Map)	06/08/2011	Emily Meilleur & recording group			Moel Garegog, Llandegla	Heathland	D1274/001/01	RL-DD	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Deschampsia cespitosa</i> (Tufted Hair-grass / Brigwellt Garw)	SJ256523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	RL-DD	NA
<i>Deschampsia cespitosa</i> (Tufted Hair-grass / Brigwellt Garw)	SJ254523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	1 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	RL-DD	NA
<i>Deschampsia cespitosa</i> (Tufted Hair-grass / Brigwellt Garw)	SJ252517 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	RL-DD	NA
<i>Deschampsia cespitosa</i> (Tufted Hair-grass / Brigwellt Garw)	SJ254519 (Estimated (From Recorder's Map))	2 records, both on 12/09/1996	Dan Guest, Stuart Smith	3 DOMIN (Estimate); 1 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	RL-DD	NA
<i>Deschampsia cespitosa</i> (Tufted Hair-grass / Brigwellt Garw)	SJ253518 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	RL-DD	NA
<i>Deschampsia cespitosa</i> (Tufted Hair-grass / Brigwellt Garw)	SJ2152	31/07/2016	Jonathan Shanklin			Moel Garegog		D1587/009/01	RL-DD	PC
<i>Deschampsia cespitosa</i> (Tufted Hair-grass / Brigwellt Garw)	SJ2352	25/04/2011	Shanklin, J.			Casgan Dittw		D1169/004/02	RL-DD	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Deschampsia cespitosa</i> (Tufted Hair-grass / Brigwellt Garw)	SJ2551	30/07/2011	Shanklin, J.			Hafod Farm		D1169/004/02	RL-DD	NA
<i>Deschampsia cespitosa</i> (Tufted Hair-grass / Brigwellt Garw)	SJ2351	26/05/2016	Stead, M.O.			Llandegla Forest		D1169/004/02	RL-DD	NA
<i>Deschampsia cespitosa</i> (Tufted Hair-grass / Brigwellt Garw)	SJ2251	2 records, between 25/04/2011 and 26/05/2016	Stead, M.O.; Shanklin, J.			Llandegla Forest		D1169/004/02	RL-DD	NA
<i>Deschampsia cespitosa</i> (Tufted Hair-grass / Brigwellt Garw)	SJ255522	03/08/2016	Williams, D.			Minera Quarry		D1169/004/02	RL-DD	NA
<i>Deschampsia cespitosa</i> (Tufted Hair-grass / Brigwellt Garw)	SJ2151	08/06/2013	Shanklin, J.			Llandegla Forest		D1169/004/02	RL-DD	NA
<i>Deschampsia cespitosa</i> (Tufted Hair-grass / Brigwellt Garw)	SJ250524 (Estimated Centroid of Site))	4 records, all on 01/11/1985	Dawn Gray and Janice Butler	Locally Abundant; Frequent/Occasional		Eisteddfod Grassland	Habitat: Unimproved calcareous grassland; Dried up pond. Habitat: Marshy grassland; Habitat: Continuous bracken; Habitat: Basic dry grassland/heath mosaic	D1239/012/01	RL-DD	PC
<i>Deschampsia cespitosa</i> (Tufted Hair-grass / Brigwellt Garw)	SJ247516 (Estimated Centroid of Site))	30/10/1985	Janice Butler and Dawn Gray	Abundant		Aber Sychnant Grassland	Habitat: Semi-natural Broadleaved Woodland	D1239/012/01	RL-DD	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Deschampsia cespitosa</i> (Tufted Hair-grass / Brigwellt Garw)	SJ2453	16/11/2018	Jonathan D Shanklin			Tan-y-bryn		D1587/026/01	RL-DD	PC
<i>Deschampsia cespitosa</i> (Tufted Hair-grass / Brigwellt Garw) (Selected from Interactive Map)	SJ230534	30/05/2019	Emily Meilleur; Gail Quartly-Bishop			Moel Garegog	Heathland	D1274/001/01	RL-DD	KC
<i>Dolichopus lineatocornis</i>	SJ249525	26/02/2021	A.N. & J.E.Graham	2+ Male		Eisteddfod Farm, Gwynfryn	Bulge in hind tibia	D0135/021/01	RL-NT	NA
<i>Dryopteris affinis</i> (Scaly Male-fern / Marchredynen Euraid)	SJ2553	16/11/2018	Jonathan D Shanklin			Coed Pen-y-nant		D1587/026/01	RL-DD	PC
<i>Eleocharis palustris</i> (Common Spike-rush / Ysbigrwyne)	SJ237543	07/06/1973	Goronwy Wynne			Rhydtalog	bog	D0101/001/01	RL-DD	PC
<i>Eleocharis palustris</i> (Common Spike-rush / Ysbigrwyne)	SJ2551	30/07/2011	Shanklin, J.			Hafod Farm		D1169/004/02	RL-DD	NA
<i>Eleocharis palustris</i> (Common Spike-rush / Ysbigrwyne)	SJ2351	28/07/2011	Shanklin, J.			Llandegla Forest		D1169/004/02	RL-DD	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Eleocharis palustris</i> (Common Spike-rush / Ysbigrwynen)	SJ25195219	02/06/2018	Wallace, Ian			Minera Quarry	pond	D1823/003/01	RL-DD	PC
<i>Festuca rubra</i> (Red Fescue / Peiswellt Coch)	SJ254524 (Estimated (From Recorder's Map))	04/08/1988	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	5 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	GBNNSIP, RL-DD	NA
<i>Festuca rubra</i> (Red Fescue / Peiswellt Coch)	SJ253524 (Estimated (From Recorder's Map))	04/08/1988	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	4 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	GBNNSIP, RL-DD	NA
<i>Festuca rubra</i> (Red Fescue / Peiswellt Coch)	SJ251526 (Estimated (From Recorder's Map))	04/08/1988	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	6 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	GBNNSIP, RL-DD	NA
<i>Festuca rubra</i> (Red Fescue / Peiswellt Coch)	SJ257522 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	5 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	GBNNSIP, RL-DD	NA
<i>Festuca rubra</i> (Red Fescue / Peiswellt Coch)	SJ251524 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	7 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	GBNNSIP, RL-DD	NA
<i>Festuca rubra</i> (Red Fescue / Peiswellt Coch)	SJ250524 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	4 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	GBNNSIP, RL-DD	NA
<i>Festuca rubra</i> (Red Fescue / Peiswellt Coch)	SJ249523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	GBNNSIP, RL-DD	NA
<i>Festuca rubra</i> (Red Fescue / Peiswellt Coch)	SJ256523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	GBNNSIP, RL-DD	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Festuca rubra</i> (Red Fescue / Peiswellt Coch)	SJ249525 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	6 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	GBNNSIP, RL-DD	NA
<i>Festuca rubra</i> (Red Fescue / Peiswellt Coch)	SJ248524 (Estimated (From Recorder's Map))	11/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	4 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	GBNNSIP, RL-DD	NA
<i>Festuca rubra</i> (Red Fescue / Peiswellt Coch)	SJ252517 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	4 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	GBNNSIP, RL-DD	NA
<i>Festuca rubra</i> (Red Fescue / Peiswellt Coch)	SJ254518 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	5 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	GBNNSIP, RL-DD	NA
<i>Festuca rubra</i> (Red Fescue / Peiswellt Coch)	SJ254519 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	4 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	GBNNSIP, RL-DD	NA
<i>Festuca rubra</i> (Red Fescue / Peiswellt Coch)	SJ252516 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	4 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	GBNNSIP, RL-DD	NA
<i>Festuca rubra</i> (Red Fescue / Peiswellt Coch)	SJ248525 (Estimated (From Recorder's Map))	04/08/1988	Anon	4 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	GBNNSIP, RL-DD	NA
<i>Festuca rubra</i> (Red Fescue / Peiswellt Coch)	SJ254523	26/09/2016	Denbs Group (Williams, D.)			Minera Quarry	Old road through wooded area	D1169/004/02	GBNNSIP, RL-DD	NA
<i>Festuca rubra</i> (Red Fescue / Peiswellt Coch)	SJ256521	1992	Jones, Mr R.A.			Minera Quarry	Associated species with <i>Carex muricata</i> ssp. <i>muricata</i> .	D1169/004/02	GBNNSIP, RL-DD	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Fulica atra</i> (Coot / Cwtiar)	SJ2553	14 records, between 22/06/2004 and 25/07/2010	Steven Davies	1; 2; 1 Juvenile; 2 Adult; 3 Adult; 4 Juvenile; 1 Adult; 6	Reported to recorder	Bwlchgwyn, W	in Bwlchgwyn Quarry. Survey: Observer data; Bwlchgwyn Quarry. Survey: Observer data; Survey: Observer data; Bwlchgwyn Quarry. Activity: FL. Survey: Observer data; Birdtrack. Activity: P; Birdtrack. Activity: NY; Birdtrack. Activity: FL; Birdtrack. Activity: P; Birdtrack. Activity: FL	D0062/008/01 , D1297/025/01	BDir2.1, RL-NT	NA, PC
<i>Fulica atra</i> (Coot / Cwtiar)	SJ2453	43 records, between 28/03/2004 and 15/07/2018	John Lawton Roberts; Julie Chicken; Steven Davies	2; 5; 11; 1 Female; 1 Male; 2 Adult; 5 Juvenile; 6 Juvenile; 1; 3; 10; 4+; 6; 4	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; Birdtrack. Activity: P; Birdtrack. Activity: H; Birdtrack. Activity: H; Birdtrack. Activity: P; Birdtrack. Activity: P; BirdTrack; BirdTrack. Activity: H; BirdTrack. Activity: P; BirdTrack. Activity: ON; BirdTrack. Activity: B; BirdTrack. Activity: FL; Activity: P	D0062/008/01 , D1297/025/01	BDir2.1, RL-NT	NA, PC
<i>Fulica atra</i> (Coot / Cwtiar)	SJ2252	2 records, between 15/04/2005 and 28/02/2011	Julie Rogers; Steven Davies	1	Reported to recorder	Llandegla, Moel Garegog, E	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	BDir2.1, RL-NT	NA, PC
<i>Fulica atra</i> (Coot / Cwtiar)	SJ2452	28/02/2011	Steven Davies	3		Gwynfryn, W	BirdTrack	D1297/025/01	BDir2.1, RL-NT	PC
<i>Gallinago gallinago</i> (Snipe / Giach Cyffredin)	SJ240512 (Estimated (From Recorder's Map))	25/04/2014	Chris Mellenchip	1 Adult	Live Sighting	LMZ: Ruabon 06	Drumming	D1448/002/01	BDir2.1, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-DD, RL-NT, UKBA, WBA	NA
<i>Gallinago gallinago</i> (Snipe / Giach Cyffredin)	SJ246516 (Estimated (From Recorder's Map))	25/04/2014	Chris Mellenchip	1 Adult	Live Sighting	LMZ: Ruabon 06	Drumming	D1448/002/01	BDir2.1, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-DD, RL-NT, UKBA, WBA	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Gallinago gallinago</i> (Snipe / Giach Cyffredin)	SJ23985406 (Selected from Interactive Map)	02/05/2019	Rhun Jones	Adult		Cloddiau du,		D1814/001/01	BDir2.1, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-DD, RL-NT, UKBA, WBA	PC
<i>Gallinago gallinago</i> (Snipe / Giach Cyffredin)	SJ2452	30/04/2004	John Lawton Roberts	1	Reported to recorder	Gwynfryn, W	Chipping. Survey: Observer data	D0062/008/01	BDir2.1, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-DD, RL-NT, UKBA, WBA	NA
<i>Gallinago gallinago</i> (Snipe / Giach Cyffredin)	SJ2450	01/06/2010	Kevin J Smith	1	Reported to recorder	Ruabon Mountain, Esclusham Mountain, W	Drumming. Survey: Observer data	D0062/008/01	BDir2.1, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-DD, RL-NT, UKBA, WBA	NA
<i>Gallinago gallinago</i> (Snipe / Giach Cyffredin)	SJ2551	3 records, between 12/12/2008 and 24/03/2017	Julie Chicken; Declan Savage; N Duggan	1	Reported to recorder	Ruabon Mountain, Esclusham Mountain, N	TTV. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	BDir2.1, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-DD, RL-NT, UKBA, WBA	NA, PC
<i>Gallinago gallinago</i> (Snipe / Giach Cyffredin)	SJ2351	6 records, between 10/05/2006 and 27/05/2012	Julie Chicken; Barry Lyles; Bob Lane; Julie Rogers	1	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; drumming. Survey: Observer data; heard drumming. Survey: Observer data	D0062/008/01	BDir2.1, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-DD, RL-NT, UKBA, WBA	NA
<i>Gallinago gallinago</i> (Snipe / Giach Cyffredin)	SJ2453	6 records, between 11/10/2004 and 03/12/2017	Julie Chicken; Steven Davies	1; 6; 4	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; flew over. Survey: Observer data; Birdtrack; BirdTrack	D0062/008/01 , D1297/025/01	BDir2.1, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-DD, RL-NT, UKBA, WBA	NA, PC
<i>Gallinago gallinago</i> (Snipe / Giach Cyffredin)	SJ2350	26/05/2012	Jenny Thomas	1	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data	D0062/008/01	BDir2.1, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-DD, RL-NT, UKBA, WBA	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Gallinago gallinago</i> (Snipe / Giach Cyffredin)	SJ2550	4 records, between 10/04/2009 and 25/06/2020	Kevin J Smith; John Lawton Roberts; Anon; Mr James Hughes	1; 1 Male	Reported to recorder	Ruabon Mountain, Esclusham Mountain	Calling. Activity: H. Survey: Observer data; Activity: S. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/039/01	BDir2.1, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-DD, RL-NT, UKBA, WBA	NA, PC, UA
<i>Gallinago gallinago</i> (Snipe / Giach Cyffredin)	SJ2251	2 records, between 26/03/2017 and 02/04/2017	Norma Williams			Llandegla Forest	BirdTrack	D1297/025/01	BDir2.1, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-DD, RL-NT, UKBA, WBA	PC
<i>Gallinago gallinago</i> (Snipe / Giach Cyffredin)	SJ2252	28/02/2011	Steven Davies	1		Llandegla, Moel Garegog, E	Birdtrack. Llandegla Fishery, flushed by fighting Canada Geese	D1297/025/01	BDir2.1, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-DD, RL-NT, UKBA, WBA	PC
<i>Gallinago gallinago</i> (Snipe / Giach Cyffredin)	SJ2151	10/04/2016	Rupert J Pyrah	1		Tafarn-y-garth	BirdTrack	D1297/025/01	BDir2.1, Bonn2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-DD, RL-NT, UKBA, WBA	PC
<i>Gallinula chloropus</i> (Moorhen / Iar Ddwr)	SJ2453	49 records, between 04/07/2004 and 30/08/2020	Steven Davies; Mr Steven Davies	1; 2; 1 Adult; 1 Juvenile; 2 Adult; 4; 5; 3	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; Birdtrack. Activity: FL; Birdtrack. Activity: H; Birdtrack. Activity: H; Birdtrack. Activity: H; BirdTrack. Activity: H; BirdTrack. Activity: P; Activity: P	D0062/008/01 , D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01	BDir2.2, Bonn2, RL-VU	NA, PC, UA
<i>Gallinula chloropus</i> (Moorhen / Iar Ddwr)	SJ2252	2 records, between 19/04/2009 and 26/06/2010	Steven Davies	2; 4		Llandegla, Moel Garegog, E	Birdtrack. Activity: P; Birdtrack. Activity: FL	D1297/025/01	BDir2.2, Bonn2, RL-VU	PC
<i>Globiceps juniperi</i> (<i>Kelidocoris</i>)	SJ240510	06/07/2017	A.N. & J.E.Graham	Female		Moorland near Llandegla Forest	Brachypterous. 2nd ant. seg./pronotum base = 1.68. 2nd ant. seg./head width=1.88. heather moorland	D0135/001/05	RDB-NB	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Haematopus ostralegus</i> (Oystercatcher / Pioden Fôr)	SJ2453	2 records, between 28/07/2004 and 18/05/2008	Steven Davies; Julie Chicken	1; 9	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; Roving record. Survey: Observer data	D0062/008/01	BDir2.2, LBAP-C, LBAP-G, UKBA, WBA	NA
<i>Helina vicina</i>	SJ247525	22/06/2020 to 10/07/2020	A.N. & J.E.Graham	2 Female		Eisteddfod Farm, Gwynfryn	With thoracic stripes and 2 ads on hind tibia. (See discussion on DF). Method: Malaise trap	D0135/021/01	RDB-N	NA
<i>Heracleum sphondylium</i> (Hogweed / Pannas Gwylt)	SJ257522 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	RL-DD	NA
<i>Heracleum sphondylium</i> (Hogweed / Pannas Gwylt)	SJ2352	25/04/2011	Shanklin, J.			Casgan Dittw		D1169/004/02	RL-DD	NA
<i>Heracleum sphondylium</i> (Hogweed / Pannas Gwylt)	SJ2351	2 records, between 25/04/2011 and 26/05/2016	Shanklin, J.; Stead, M.O.			Llandegla Forest		D1169/004/02	RL-DD	NA
<i>Heracleum sphondylium</i> (Hogweed / Pannas Gwylt)	SJ2251	26/05/2016	Stead, M.O.			Llandegla Forest		D1169/004/02	RL-DD	NA
<i>Heracleum sphondylium</i> (Hogweed / Pannas Gwylt)	SJ2452	28/07/2011	Shanklin, J.			Gwynfryn		D1169/004/02	RL-DD	NA
<i>Heracleum sphondylium</i> (Hogweed / Pannas Gwylt)	SJ2252	26/05/2016	Stead, M.O.			Casgan Dittw		D1169/004/02	RL-DD	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Heracleum sphondylium</i> (Hogweed / Pannas Gwylt)	SJ250524 (Estimated (Centroid of Site))	4 records, all on 01/11/1985	Dawn Gray and Janice Butler	Frequent/Occasional		Eisteddfod Grassland	Habitat: Unimproved calcareous grassland; Habitat: Continuous bracken; Habitat: Tall ruderal herb; Habitat: Basic dry grassland/heath mosaic	D1239/012/01	RL-DD	PC
<i>Heracleum sphondylium</i> (Hogweed / Pannas Gwylt)	SJ24875204	02/06/2018	Wallace, Ian			Minera Quarry		D1823/003/01	RL-DD	PC
<i>Heracleum sphondylium</i> (Hogweed / Pannas Gwylt)	SJ2453	16/11/2018	Jonathan D Shanklin			Tan-y-bryn		D1587/026/01	RL-DD	PC
<i>Heracleum sphondylium</i> (Hogweed / Pannas Gwylt)	SJ2254	03/09/2015	Graham Wright			SJ2254	Road and track edge. National Plant Monitoring Scheme (Indicator survey)	D1844/001/03	RL-DD	NA
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ250508	08/04/2015	Mr J N Williams			Mobile-SJ2550		D1297/020/01	Bern2, LBAP-A, LBAP-C, LBAP-G, WBA	PC
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ2252	6 records, between 21/05/2008 and 22/07/2017	Tim Ross; Dermot J Smith; Steven Davies	1; 2	Reported to recorder	Llandegla, Moel Garegog, E	Survey: Observer data; Birdtrack. Activity: ON; Birdtrack. Activity: H; BirdTrack; BirdTrack. Activity: H	D0062/008/01 , D1297/025/01	Bern2, LBAP-A, LBAP-C, LBAP-G, WBA	NA, PC
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ2350	15/04/2012	Julie Chicken	1	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data	D0062/008/01	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)	SJ2351	8 records, between 23/05/2005 and 05/07/2019	Helen Conrad; John Lawton Roberts; Jenny Thomas; David Richardson; Stephen Mcavoy; Steven Davies; Shelagh A Halsey; Mr T Taylor	1; 2; 6; 4; 10+	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; moving to W. Survey: Observer data; Birdtrack; BirdTrack. Activity: F; Bird Track	D0062/008/01 , D1297/025/01 , D1297/026/01	Bern2, LBAP-A, LBAP-C, LBAP-G, WBA	NA, PC
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ2551	13 records, between 14/06/2009 and 15/08/2020	Julie Chicken; Norman Hallas; Steven Davies; N Duggan; Mr James Hughes; Mr Steven Davies	4; 3; 1; 2; 4+	Reported to recorder	Ruabon Mountain, Esclusham Mountain, N	Survey: Observer data; Birdtrack; Birdtrack.. Activity: H; BirdTrack; BirdTrack. Activity: H	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	Bern2, LBAP-A, LBAP-C, LBAP-G, WBA	NA, PC, UA
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ2453	52 records, between 11/05/2002 and 30/08/2020	Julie Chicken; Steven Davies; Mr Steven Davies	4; 7; 1; 3; 5; 2; 2+; 4+; 5+	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; timed tetrad visit in SJ25L. Survey: Observer data; Birdtrack. Activity: H; Birdtrack.. Activity: H; BirdTrack; BirdTrack. Activity: H	D0062/008/01 , D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01 , D1297/041/01	Bern2, LBAP-A, LBAP-C, LBAP-G, WBA	NA, PC, UA
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ2250	2 records, between 15/04/2007 and 16/06/2010	Neil Hughes; Henry RA Cook	4; 1	Reported to recorder	Llandegla Forest, S	Roving. Activity: H. Survey: Observer data; Birdtrack	D0062/008/01 , D1297/025/01	Bern2, LBAP-A, LBAP-C, LBAP-G, WBA	NA, PC
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ2553	3 records, between 03/06/2010 and 07/07/2012	Steven Davies	1		Bwlchgwyn, W	Birdtrack.. Activity: H; BirdTrack; BirdTrack. Activity: H	D1297/025/01	Bern2, LBAP-A, LBAP-C, LBAP-G, WBA	PC
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ2251	8 records, between 27/06/2012 and 11/07/2018	Steven Davies; Norma Williams; Graham Jones	3; 2		Llandegla Forest	BirdTrack. Activity: H; BirdTrack	D1297/025/01	Bern2, LBAP-A, LBAP-C, LBAP-G, WBA	PC
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ2352	27/07/2011	Steven Davies			Llandegla Forest, NE	BirdTrack	D1297/025/01	Bern2, LBAP-A, LBAP-C, LBAP-G, WBA	PC
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ2552	6 records, between 02/05/2009 and 30/05/2019	Steven Davies; Dr Anne Brenchley			Gwynfryn	Birdtrack. Activity: H; BirdTrack; BirdTrack. Activity: H	D1297/025/01 , D1297/026/01	Bern2, LBAP-A, LBAP-C, LBAP-G, WBA	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ2451	2 records, between 28/04/2013 and 23/04/2019	Steven Davies; Mr James Hughes	1		Gwynfryn, SW	BirdTrack	D1297/025/01 , D1297/026/01	Bern2, LBAP-A, LBAP-C, LBAP-G, WBA	PC
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ2452	26/06/2010	Steven Davies			Gwynfryn, W	Birdtrack.: Activity: H	D1297/025/01	Bern2, LBAP-A, LBAP-C, LBAP-G, WBA	PC
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ2153	28/04/2010	Steven Davies			Moel Garegog, N	Birdtrack.: Activity: H	D1297/025/01	Bern2, LBAP-A, LBAP-C, LBAP-G, WBA	PC
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ2253	28/05/2012	Steven Davies	1		Moel Garegog, NE	BirdTrack. Activity: F	D1297/025/01	Bern2, LBAP-A, LBAP-C, LBAP-G, WBA	PC
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ2354	2 records, between 28/05/2012 and 04/05/2013	Steven Davies			Rhydtalog	BirdTrack. Activity: N; BirdTrack	D1297/025/01	Bern2, LBAP-A, LBAP-C, LBAP-G, WBA	PC
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ2454	2 records, between 25/06/2009 and 19/05/2011	Steven Davies			Rhydtalog, E	Birdtrack. Activity: H; BirdTrack	D1297/025/01	Bern2, LBAP-A, LBAP-C, LBAP-G, WBA	PC
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ2254	3 records, between 27/04/2013 and 06/08/2016	Steven Davies	2; 1		Rhydtalog, W	BirdTrack	D1297/025/01	Bern2, LBAP-A, LBAP-C, LBAP-G, WBA	PC
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ2550	8 records, between 14/07/2011 and 03/08/2020	Steven Davies; DV Avis; Heather Cartwright; Jim Shrimpton; Mr J F Jones; Mr J Jones	1; 3; 6		Ruabon Mountain, Esclusham Mountain	BirdTrack; BirdTrack. Activity: F	D1297/025/01 , D1297/026/01 , D1297/039/01	Bern2, LBAP-A, LBAP-C, LBAP-G, WBA	PC, UA
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ2450	2 records, between 25/05/2013 and 26/04/2017	MJ Wheeler; Derek J Gruar			Ruabon Mountain, Esclusham Mountain, W	BirdTrack	D1297/025/01	Bern2, LBAP-A, LBAP-C, LBAP-G, WBA	PC
<i>Hirundo rustica</i> (Swallow / Gwennol)	SJ2151	10/04/2016	Rupert J Pyrah			Tafarn-y-garth	BirdTrack	D1297/025/01	Bern2, LBAP-A, LBAP-C, LBAP-G, WBA	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Hypericum maculatum</i> (Imperforate St John's-wort / Eurinllys Mawr)	SJ2351	2 records, between 28/07/2011 and 26/05/2016	Stead, M.O.; Shanklin, J.			Llandegla Forest		D1169/004/02	RL-DD	NA
<i>Ischnura pumilio</i> (Scarce Blue-tailed Damselfly / Mursen Dinlas Fach)	SJ2519952174 (Selected from Interactive Map)	06/06/2016	Susan Loose	1 Adult Female		Minera Quarry	Seen during CCNE meeting tonight	D1117/001/01	LBAP-G, LBAP-S, RL-NT	KC
<i>Ischnura pumilio</i> (Scarce Blue-tailed Damselfly / Mursen Dinlas Fach)	SJ25205220 (Selected from Interactive Map)	29/06/2019	Susan Loose	2 Adult Male		Minera quarry		D1117/001/01	LBAP-G, LBAP-S, RL-NT	KC
<i>Ischnura pumilio</i> (Scarce Blue-tailed Damselfly / Mursen Dinlas Fach)	SJ252521	06/06/2016	Sue Loose; A.N.Graham & Al.	1 Female		Minera Quarry, pond	F. aurantiaca. Photo	D0135/001/05	LBAP-G, LBAP-S, RL-NT	NA
<i>Laccobius atratus</i>	SJ250507	25/11/2013	J B Formstone	1 Adult		Esclusham Mountain (North)	Small Running Flush. Habitat: Heathland. Method: Netted	D1650/002/01	RDB-NS	NA
<i>Larus canus</i> (Common Gull / Gwylan y Gweunydd)	SJ2453	25 records, between 13/12/2007 and 28/10/2018	Julie Chicken; Steven Davies	3; 10; 31; 6; 13; 1; 2; 4; 20; 11; 32; 25+; 9; 30+	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; Roving record. Survey: Observer data; WEBS. Survey: Observer data; Birdtrack; Birdtrack;; BirdTrack	D0062/008/01 , D1297/025/01	BDir2.2, UKBA, WBR	NA, PC

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)	SJ2553	07/07/2012	Steven Davies	1		Bwlchgwyn, W	BirdTrack. Activity: F	D1297/025/01	BDir2.2, LBAP-C, LBAP-G, LBAP-S, RL-DD, UKBA, WBA	PC
<i>Larus fuscus</i> (Lesser Black-backed Gull / Gwylan Gefnddu Leiaf)	SJ2251	07/05/2017	Norma Williams			Llandegla Forest	BirdTrack	D1297/025/01	BDir2.2, LBAP-C, LBAP-G, LBAP-S, RL-DD, UKBA, WBA	PC
<i>Larus fuscus</i> (Lesser Black-backed Gull / Gwylan Gefnddu Leiaf)	SJ2552	3 records, between 29/06/2011 and 26/06/2012	Steven Davies	3; 1		Gwynfryn	BirdTrack; BirdTrack. Activity: F	D1297/025/01	BDir2.2, LBAP-C, LBAP-G, LBAP-S, RL-DD, UKBA, WBA	PC
<i>Larus fuscus</i> (Lesser Black-backed Gull / Gwylan Gefnddu Leiaf)	SJ2453	19 records, between 12/07/2009 and 14/06/2020	Steven Davies; Mr Steven Davies	1; 2; 4; 5; 6; 4+		Nant-y-Ffrith Reservoir	Birdtrack. Activity: F; Birdtrack.; BirdTrack; BirdTrack. Activity: F	D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01	BDir2.2, LBAP-C, LBAP-G, LBAP-S, RL-DD, UKBA, WBA	PC, UA
<i>Larus fuscus</i> (Lesser Black-backed Gull / Gwylan Gefnddu Leiaf)	SJ2351	15/07/2018	Steven Davies	2		Pendinas, Reservoir		D1297/025/01	BDir2.2, LBAP-C, LBAP-G, LBAP-S, RL-DD, UKBA, WBA	PC
<i>Larus fuscus</i> (Lesser Black-backed Gull / Gwylan Gefnddu Leiaf)	SJ2454	25/06/2009	Steven Davies	1		Rhydtalog, E	Birdtrack. Activity: F	D1297/025/01	BDir2.2, LBAP-C, LBAP-G, LBAP-S, RL-DD, UKBA, WBA	PC

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)	SJ2550	24/06/2017	Steven Davies	1		Ruabon Mountain, Esclusham Mountain	BirdTrack	D1297/025/01	BDir2.2, LBAP-C, LBAP-G, LBAP-S, RL-DD, UKBA, WBA	PC
<i>Larus fuscus</i> (Lesser Black-backed Gull / Gwylan Gefnddu Leiaf)	SJ2551	3 records, between 31/05/2011 and 04/08/2018	Norman Hallas; Steven Davies	1; 4		Ruabon Mountain, Esclusham Mountain, N	BirdTrack	D1297/025/01	BDir2.2, LBAP-C, LBAP-G, LBAP-S, RL-DD, UKBA, WBA	PC
<i>Larus fuscus</i> (Lesser Black-backed Gull / Gwylan Gefnddu Leiaf)	SJ2151	10/04/2016	Rupert J Pyrah			Tafarn-y-garth	BirdTrack. Activity: X	D1297/025/01	BDir2.2, LBAP-C, LBAP-G, LBAP-S, RL-DD, UKBA, WBA	PC
<i>Lathrobium pallidipenne</i>	SJ250518	01/06/2019	A.N. & J.E.Graham	1 Female		Minera Quarry	Sternite VIII and tergite IX examined	D0135/001/05	RDB-N	NA
<i>Licinus punctatulus</i>	SJ254521	24/10/2013	A.N. & J.E.Graham	1		Minera Quarry	Under a brick in the middle of the quarry floor.	D0135/001/05	RDB-NA, RDB-NS	NA
<i>Limnephilus hirsutus</i>	SJ2451	2 records, between May 1999 and 02/05/1999	Wallace, Family	Larva		Minera [quarry]	museum specimens. Sampling: reared to adult; museum specimens	D1081/001/03	RDB-NS	NA
<i>Limonia trivittata</i>	SJ257520	17/07/2018	A.N. & J.E.Graham	1 Male		Eisteddfod Farm, Gwynfryn	Gen. det?: yes	D0135/001/05	RDB-N	NA
<i>Mareca penelope</i> (Wigeon / Chwiwell)	SJ25	7 records, between 02/01/2009 and 26/12/2016	Steven Davies	3; 1 Female; 1 Male; 2	Reported to recorder	-Withheld-	-Withheld-	D0062/008/01 , D1297/025/01	BDir2.1, Bonn2, CITES-C, GBNNSIP, LBAP- C, LBAP-G, RL- NT, UKBA, WBA	NA, PC
<i>Motacilla cinerea</i> (Grey Wagtail / Siglen Iwyd)	SJ244532 (GPS Reading)	21/03/2018	Gordon Plater	1		Nant y ffrith	Reservoir	D1117/001/01	Bern2, LBAP-C, LBAP-T, RL-NT, UKBR	PC

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 Iwyd)	SJ255521 (GPS Reading)	26/05/2018	Gordon Plater	1		Minera	Stream disused quarry	D1117/001/01	Bern2, LBAP-C, LBAP-T, RL-NT, UKBR	PC
<i>Motacilla cinerea</i> (Grey Wagtail / Siglen Iwyd)	SJ2351	5 records, between 24/06/2008 and 08/06/2018	Julie Chicken; Helen Conrad; Shelagh A Halsey; Trevor B Taylor	1	Reported to recorder	Pendinas, Reservoir	Roving record. Survey: Observer data; Survey: Observer data; BirdTrack. Activity: H	D0062/008/01 , D1297/025/01	Bern2, LBAP-C, LBAP-T, RL-NT, UKBR	NA, PC
<i>Motacilla cinerea</i> (Grey Wagtail / Siglen Iwyd)	SJ2453	29 records, between 11/04/2006 and 24/02/2019	Julie Chicken; Steven Davies; John Rushton; Mr Steven Davies	2; 3; 1 Male; 1	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; Birdtrack.: Activity: H; BirdTrack. Activity: H; BirdTrack; BirdTrack. Activity: P; Birdtrack. Male feeding juvenile. Activity: FL; BirdTrack. Activity: FF	D0062/008/01 , D1297/025/01 , D1297/027/01	Bern2, LBAP-C, LBAP-T, RL-NT, UKBR	NA, PC
<i>Motacilla cinerea</i> (Grey Wagtail / Siglen Iwyd)	SJ2553	2 records, between 16/09/2004 and 22/09/2012	Steven Davies	3; 2	Reported to recorder	Bwlchgwyn, W	Survey: Observer data; Birdtrack. flying northwest	D0062/008/01 , D1297/025/01	Bern2, LBAP-C, LBAP-T, RL-NT, UKBR	NA, PC
<i>Motacilla cinerea</i> (Grey Wagtail / Siglen Iwyd)	SJ2251	16/04/2017	Norma Williams			Llandegla Forest	BirdTrack	D1297/025/01	Bern2, LBAP-C, LBAP-T, RL-NT, UKBR	PC
<i>Motacilla cinerea</i> (Grey Wagtail / Siglen Iwyd)	SJ2252	2 records, between 19/04/2008 and 21/05/2008	Dermot J Smith	2		Llandegla, Moel Garegog, E	Birdtrack. Activity: A; Birdtrack. Activity: P	D1297/025/01	Bern2, LBAP-C, LBAP-T, RL-NT, UKBR	PC
<i>Motacilla cinerea</i> (Grey Wagtail / Siglen Iwyd)	SJ2552	2 records, between 26/06/2012 and 30/05/2019	Steven Davies; Dr Anne Brenchley	1		Gwynfryn	BirdTrack. Activity: H; Breeding status: H	D1297/025/01 , D1297/026/01	Bern2, LBAP-C, LBAP-T, RL-NT, UKBR	PC
<i>Motacilla cinerea</i> (Grey Wagtail / Siglen Iwyd)	SJ2550	7 records, between 03/04/2015 and 02/05/2019	John F Jones; DV Avis; Kenny D Hall; Mr J F Jones	1; 3; 8		Ruabon Mountain, Esclusham Mountain	Bird Track; BirdTrack	D1297/025/01 , D1297/026/01	Bern2, LBAP-C, LBAP-T, RL-NT, UKBR	PC
<i>Motacilla cinerea</i> (Grey Wagtail / Siglen Iwyd)	SJ2450	2 records, between 05/04/2014 and 25/03/2016	Rob Swift	1		Ruabon Mountain, Esclusham Mountain, W	BirdTrack	D1297/025/01	Bern2, LBAP-C, LBAP-T, RL-NT, UKBR	PC

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 Iwyd)	SJ2151	17/05/2010	Steven Davies	1		Tafarn-y-garth	Birdtrack.: Activity: H	D1297/025/01	Bern2, LBAP-C, LBAP-T, RL-NT, UKBR	PC
<i>Motacilla cinerea</i> (Grey Wagtail / Siglen Iwyd)	SJ2551	2 records, between 06/05/2019 and 02/06/2020	Dr Anne Brenchley; Mr Justin Williams	2		SJ2551 Minera Quarry S	Breeding status: P	D1297/026/01 , D1297/039/01	Bern2, LBAP-C, LBAP-T, RL-NT, UKBR	PC, UA
<i>Odontites vernus</i> (Red Bartsia / Gorudd)	SJ2551	26/09/2016	Denbs Group (Williams, D.)			Hafod Farm	Lane	D1169/004/02	RDB-NS	NA
<i>Odontites vernus</i> (Red Bartsia / Gorudd)	SJ255522	03/08/2016	Williams, D.			Minera Quarry		D1169/004/02	RDB-NS	NA
<i>Oenanthe oenanthe</i> (Wheatear / Tinwen y Garn)	SJ227537 (Estimated (Centroid of Site))	23/04/2013	Des James		Live Sighting	LMZ: Ruabon 03		D1448/002/01	Bern2, LBAP-C, WBA	NA
<i>Oenanthe oenanthe</i> (Wheatear / Tinwen y Garn)	SJ2450 (Selected from Interactive Map)	6 records, between 15/04/2012 and 26/04/2017	Paul Martin; Kevin J Smith; Neil Hughes; Ifor Jones; Derek J Gruar	1 Adult Female; 1; 1 Male; 2	Reported to recorder	Esclusham mountain	First sighting of year.; Activity: H. Survey: Observer data; BirdTrack. Activity: P; BirdTrack	D1117/001/01 , D0062/008/01 , D1297/025/01	Bern2, LBAP-C, WBA	PC, NA
<i>Oenanthe oenanthe</i> (Wheatear / Tinwen y Garn)	SJ250508	08/04/2015	Mr J N Williams			Ruabon moor		D1297/020/01	Bern2, LBAP-C, WBA	PC
<i>Oenanthe oenanthe</i> (Wheatear / Tinwen y Garn)	SJ252517 (Selected from Interactive Map)	20/03/2020	Nigel Burns	1 Full-Grown		Minera Quarry		D1117/001/01	Bern2, LBAP-C, WBA	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Oenanthe oenanthe</i> (Wheatear / Tinwen y Garn)	SJ2353	2 records, between 28/03/2004 and 15/05/2004	John Lawton Roberts; David Richardson	1; 1 Female	Reported to recorder	Llandegla, Moor, NE	Survey: Observer data	D0062/008/01	Bern2, LBAP-C, WBA	NA
<i>Oenanthe oenanthe</i> (Wheatear / Tinwen y Garn)	SJ2552	2 records, between 02/05/2009 and 03/05/2009	Julie Chicken; Steven Davies	1; 2	Reported to recorder	Gwynfryn	Survey: Observer data; Birdtrack. Activity: P	D0062/008/01 , D1297/025/01	Bern2, LBAP-C, WBA	NA, PC
<i>Oenanthe oenanthe</i> (Wheatear / Tinwen y Garn)	SJ2551	12 records, between 02/05/2009 and 16/07/2020	John Lawton Roberts; John Hawkins; Norman Hallas; Steven Davies; Emma Broad; John D Gambles; Colin A Penny; Justin B Williams; Mr Steven Davies; Mr James Hughes	1; 2	Reported to recorder	Ruabon Mountain, Esclusham Mountain, N	Survey: Observer data; 1st of spring. Survey: Observer data; Birdtrack; Birdtrack. Activity: H; Birdtrack;; BirdTrack; Breeding status: P	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	Bern2, LBAP-C, WBA	NA, PC, UA
<i>Oenanthe oenanthe</i> (Wheatear / Tinwen y Garn)	SJ2550	14 records, between 03/05/2010 and 11/10/2020	Kevin J Smith; Steven Davies; Heather Cartwright; Mark T Breaks; Emma Broad; Nigel Troup; Mrs Heather Cartwright; Mr Nick French	2; 1; 3	Reported to recorder	Ruabon Mountain, Esclusham Mountain	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/039/01	Bern2, LBAP-C, WBA	NA, PC, UA
<i>Oenanthe oenanthe</i> (Wheatear / Tinwen y Garn)	SJ2253	23/04/2009	Tim Ross	1 Male	Reported to recorder	Moel Garegog, NE	Territorial calling. Survey: Observer data	D0062/008/01	Bern2, LBAP-C, WBA	NA
<i>Oenanthe oenanthe</i> (Wheatear / Tinwen y Garn)	SJ2451	2 records, between 28/04/2013 and 23/04/2019	Steven Davies; Mr James Hughes	4; 11		Gwynfryn, SW	BirdTrack. Activity: H; Breeding status: P	D1297/025/01 , D1297/026/01	Bern2, LBAP-C, WBA	PC
<i>Oenanthe oenanthe</i> (Wheatear / Tinwen y Garn)	SJ2452	10/04/2011	Steven Davies	8		Gwynfryn, W	BirdTrack	D1297/025/01	Bern2, LBAP-C, WBA	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Oenanthe oenanthe</i> (Wheatear / Tinwen y Garn)	SJ2453	2 records, between 04/05/2010 and 07/04/2013	Steven Davies	1		Nant-y-Ffrith Reservoir	Birdtrack.: Activity: H; BirdTrack	D1297/025/01	Bern2, LBAP-C, WBA	PC
<i>Oenanthe oenanthe</i> (Wheatear / Tinwen y Garn)	SJ2351	3 records, between 15/04/2012 and 19/06/2020	Shelagh A Halsey; Mr Shaun Nield	3; 2		Pendinas, Reservoir	BirdTrack. Activity: H; Bird Track	D1297/025/01 , D1297/039/01	Bern2, LBAP-C, WBA	PC, UA
<i>Oenanthe oenanthe</i> (Wheatear / Tinwen y Garn)	SJ2354	20/04/2009	Steven Davies	2		Rhydtalog	Birdtrack. Activity: H	D1297/025/01	Bern2, LBAP-C, WBA	PC
<i>Oenanthe oenanthe</i> (Wheatear / Tinwen y Garn)	SJ2254	27/04/2013	Steven Davies	1		Rhydtalog, W	BirdTrack. Activity: H	D1297/025/01	Bern2, LBAP-C, WBA	PC
<i>Oligotricha striata</i>	SJ2552	02/06/2018	Anon, Bioblitz Team	Adult		Minera Quarry	Sampling: taken at light	D1081/001/03	RDB-NS	NA
<i>Oxycera pygmaea</i> (Pygmy Soldier)	SJ250517	06/06/2018	A.N. & J.E.Graham	~6		Minera Quarry	Wet area at the bottom of the quarry. Tufa.	D0135/001/05	RDB-N, RDB-NS	NA
<i>Oxyethira simplex</i>	SJ250517	06/06/2018	A.N. & J.E.Graham	1 Female		Minera Quarry	Gen. det?: yes	D0135/001/05	RDB-NS	NA
<i>Parallelomma vittatum</i>	SJ255521	2 records, between 21/05/2017 and 17/09/2018	A.N. & J.E.Graham	1; 2+ larval		Minera Quarry	Tenanted leaf mines in Epipactis helleborine. Associated species: Epipactis helleborine	D0135/001/05	RDB-N	NA
<i>Parallelomma vittatum</i>	SJ255522	01/06/2017	A.N. & J.E.Graham	larval		Eisteddfod Farm, Gwynfryn	Leaf mines. Associated species: Twayblade	D0135/001/05	RDB-N	NA
<i>Parallelomma vittatum</i>	SJ247525	23/06/2020	A.N. & J.E.Graham	larval		Eisteddfod Farm, Gwynfryn	Mines. Assoc. species: Twayblade	D0135/020/01	RDB-N	NA
<i>Paraphotistus impressus</i>	SJ255522	02/07/2017	A.N. & J.E.Graham	1		Eisteddfod Farm, Gwynfryn	Moth trap. (Yellow hairs. Should be grey according to Joy)	D0135/001/05	RDB-NB	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Pedicularis sylvatica</i> (Lousewort / Melog y Cwn)	SJ2451	29/05/2004	Lawton Roberts, J.			Esclusham Mountain		D1169/004/02	RDB-NS	NA
<i>Pedicularis sylvatica</i> (Lousewort / Melog y Cwn)	SJ247516 (Estimated (Centroid of Site))	3 records, all on 30/10/1985	Janice Butler and Dawn Gray	Frequent/Occasional		Aber Sychnant Grassland	Habitat: Marshy grassland; Habitat: unimproved acid grassland; Habitat: unimproved basic grassland	D1239/012/01	RDB-NS	PC
<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ2453	18 records, between 19/05/2008 and 19/04/2020	Anon; Julie Chicken; Steven Davies; John Rushton; Mr Steven Davies	1; 2	Reported to recorder		Occurrence ID: NBN-GA000656-BGBW2009-16439822-106165764; timed tetrad visit in SJ25L. Survey: Observer data; Birdtrack. Activity: H; Birdtrack.; Birdtrack.: Activity: H; BirdTrack. Activity: H; BirdTrack	D1852/002/01 , D0062/008/01 , D1297/025/01 , D1297/039/01 , D1297/040/01	Bern2, LBAP-C, WBA	PC, NA, UA
<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ2553	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656-BGBW2009-16440250-106166557	D1852/002/01	Bern2, LBAP-C, WBA	PC
<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ2252	3 records, between 19/04/2008 and 27/06/2012	Anon; Dermot J Smith; Steven Davies	5+; 1			Occurrence ID: NBN-GA000656-BGBW2009-16438467-106165641; Birdtrack. Activity: S; BirdTrack. Activity: H	D1852/002/01 , D1297/025/01	Bern2, LBAP-C, WBA	PC
<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ2552	5 records, between 24/01/2009 and 30/05/2019	Anon; Steven Davies; Dr Anne Brenchley	3; 1			Occurrence ID: NBN-GA000656-BGBW2009-16440297-106166412; BirdTrack. Activity: FL; Bird Track; BirdTrack; Breeding status: H	D1852/002/01 , D1297/025/01 , D1297/026/01	Bern2, LBAP-C, WBA	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ2351	30 records, between 15/04/2005 and 22/03/2020	Julie Rogers; Mike Radcliffe; Barry Lynes; Julie Chicken; Trevor Britton; David Richardson; Helen Conrad; Jenny Thomas; Stephen Mcavoy; Steven Davies; Shelagh A Halsey; John Marchant; Andy J Bevan;...	1; 2; 3; 4; 10+; 2+; 5+; 5	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; Birdtrack; BirdTrack. Activity: H; BirdTrack; BirdTrack. Activity: S; Bird Track; Breeding status: S	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	Bern2, LBAP-C, WBA	NA, PC, UA
<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ2350	01/04/2012	Julie Chicken	1	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data	D0062/008/01	Bern2, LBAP-C, WBA	NA
<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ2452	4 records, between 28/02/2011 and 24/03/2018	Des James; Helen Conrad; Steven Davies; Anon	2; 1	Reported to recorder	Gwynfryn, W	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	Bern2, LBAP-C, WBA	NA, PC
<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ2451	5 records, between 15/04/2012 and 23/04/2019	Ros Lane; Julie Chicken; Ray Eades; Barrie J Roberts; Mr James Hughes	2; 3; 1	Reported to recorder	Gwynfryn, SW	Survey: Observer data; BirdTrack. Activity: H; Bird Track	D0062/008/01 , D1297/025/01 , D1297/026/01	Bern2, LBAP-C, WBA	NA, PC
<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ2251	7 records, between 02/04/2017 and 31/12/2017	Steven Davies; Norma Williams	6		Llandegla Forest	BirdTrack	D1297/025/01	Bern2, LBAP-C, WBA	PC
<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ2352	3 records, between 21/03/2008 and 27/07/2011	Dermot J Smith; Steven Davies	1		Llandegla Forest, NE	Birdtrack; Birdtrack. Activity: H; BirdTrack	D1297/025/01	Bern2, LBAP-C, WBA	PC
<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ2250	6 records, between 21/05/2006 and 21/02/2019	Henry RA Cook; Steven Davies; Louise Bailey; Samuel El Jones; Mr James Hughes	1; 5+; 3		Llandegla Forest, S	Birdtrack; BirdTrack	D1297/025/01 , D1297/026/01	Bern2, LBAP-C, WBA	PC
<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ2353	23/06/2008	Dermot J Smith	4		Llandegla, Moor, NE	Birdtrack. Activity: FL	D1297/025/01	Bern2, LBAP-C, WBA	PC
<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ2152	04/05/2013	Steven Davies	2		Moel Garegog	BirdTrack	D1297/025/01	Bern2, LBAP-C, WBA	PC

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<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ2153	12/07/2012	Steven Davies	1		Moel Garegog, N	BirdTrack. Activity: H	D1297/025/01	Bern2, LBAP-C, WBA	PC
<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ2454	2 records, between 19/05/2011 and 22/07/2018	Steven Davies	1; 2+		Rhydtalog, E	BirdTrack; Activity: FL	D1297/025/01	Bern2, LBAP-C, WBA	PC
<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ2550	8 records, between 08/01/2016 and 03/08/2020	John F Jones; Kenny D Hall; Nigel Troup; Mr Michael Wakeman; Mr J Jones	1; 12; 6		Ruabon Mountain, Esclusham Mountain	BirdTrack; One calling	D1297/025/01 , D1297/026/01 , D1297/039/01	Bern2, LBAP-C, WBA	PC, UA
<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ2551	3 records, between 02/05/2009 and 28/04/2014	Steven Davies; N Duggan	1		Ruabon Mountain, Esclusham Mountain, N	Birdtrack. Activity: H; BirdTrack	D1297/025/01	Bern2, LBAP-C, WBA	PC
<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ2450	05/04/2014	Rob Swift			Ruabon Mountain, Esclusham Mountain, W	BirdTrack	D1297/025/01	Bern2, LBAP-C, WBA	PC
<i>Periparus ater</i> (Coal Tit / Titw Penddu)	SJ2151	2 records, between 17/05/2010 and 10/04/2016	Steven Davies; Rupert J Pyrah	1		Tafarn-y-garth	Birdtrack.: Activity: H; BirdTrack	D1297/025/01	Bern2, LBAP-C, WBA	PC
<i>Phalacrocorax carbo</i> (Cormorant / Mulfran)	SJ2453	13 records, between 28/03/2004 and 27/12/2020	John Lawton Roberts; Steven Davies; Mr Steven Davies	1; 2; 4	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; Birdtrack.: Activity: M; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/039/01 , D1297/040/01	LBAP-C, LBAP-G, RL-NT, WBA	NA, PC, UA
<i>Phalacrocorax carbo</i> (Cormorant / Mulfran)	SJ2252	04/04/2015	Steven Davies	1		Llandegla, Moel Garegog, E	BirdTrack	D1297/025/01	LBAP-C, LBAP-G, RL-NT, WBA	PC
<i>Phoenicurus phoenicurus</i> (Redstart / Tingoch)	SJ250507	06/06/2015	Mr N French	1		Worlds End		D1297/020/01	Bern2, LBAP-C, LBAP-G, LBAP-S, UKBA, WBA	PC

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<i>Phoenicurus phoenicurus</i> (Redstart / Tingoch)	SJ250518 (Estimated Centroid of Site))	02/06/2018	Anon			Minera Quarry		D1823/001/01	Bern2, LBAP-C, LBAP-G, LBAP-S, UKBA, WBA	PC
<i>Phoenicurus phoenicurus</i> (Redstart / Tingoch)	SJ2453	3 records, between 18/06/2002 and 27/06/2011	Steven Davies; Mr Steven Davies	1; 2	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/041/01	Bern2, LBAP-C, LBAP-G, LBAP-S, UKBA, WBA	NA, PC, UA
<i>Phoenicurus phoenicurus</i> (Redstart / Tingoch)	SJ2351	2 records, both on 15/04/2012	Julie Chicken; Shelagh A Halsey	1	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; BirdTrack. Activity: H	D0062/008/01 , D1297/025/01	Bern2, LBAP-C, LBAP-G, LBAP-S, UKBA, WBA	NA, PC
<i>Phoenicurus phoenicurus</i> (Redstart / Tingoch)	SJ2452	3 records, between 21/07/2004 and 13/05/2012	Helen Conrad; Kevin J Smith	1; 1 Female; 2 Male	Reported to recorder	Gwynfryn, W	Survey: Observer data	D0062/008/01	Bern2, LBAP-C, LBAP-G, LBAP-S, UKBA, WBA	NA
<i>Phoenicurus phoenicurus</i> (Redstart / Tingoch)	SJ2552	4 records, between 21/07/2004 and 29/07/2019	Norman Hallas; Steven Davies; Mrs Heather Cartwright	1 Female; 2 Male; 1; 4	Reported to recorder	Gwynfryn	Survey: Observer data; Birdtrack. Activity: H	D0062/008/01 , D1297/025/01 , D1297/026/01	Bern2, LBAP-C, LBAP-G, LBAP-S, UKBA, WBA	NA, PC
<i>Phoenicurus phoenicurus</i> (Redstart / Tingoch)	SJ2551	7 records, between 15/04/2006 and 02/06/2020	John Lawton Roberts; Steven Davies; N Duggan; Dr Anne Brenchley; Mr Justin Williams	1 Male; 3; 1; 4	Reported to recorder	Ruabon Mountain, Esclusham Mountain, N	1st of spring/. Survey: Observer data; Birdtrack.. Activity: FL; BirdTrack; Bird Track; Breeding status: S	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	Bern2, LBAP-C, LBAP-G, LBAP-S, UKBA, WBA	NA, PC, UA
<i>Phoenicurus phoenicurus</i> (Redstart / Tingoch)	SJ2251	10/04/2011	Kevin J Smith	1	Reported to recorder	Llandegla Forest	Activity: S. Survey: Observer data	D0062/008/01	Bern2, LBAP-C, LBAP-G, LBAP-S, UKBA, WBA	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Phoenicurus phoenicurus</i> (Redstart / Tingoch)	SJ2352	2 records, between 07/05/2008 and 21/05/2008	Dermot J Smith	1		Llandegla Forest, NE	Birdtrack. Activity: S; Birdtrack. Activity: T	D1297/025/01	Bern2, LBAP-C, LBAP-G, LBAP-S, UKBA, WBA	PC
<i>Phoenicurus phoenicurus</i> (Redstart / Tingoch)	SJ2250	27/07/2013	Steven Davies	2		Llandegla Forest, S	BirdTrack. Activity: P	D1297/025/01	Bern2, LBAP-C, LBAP-G, LBAP-S, UKBA, WBA	PC
<i>Phoenicurus phoenicurus</i> (Redstart / Tingoch)	SJ2451	2 records, between 18/05/2017 and 04/08/2018	Neil Hughes; Steven Davies	2; 1		Gwynfryn, SW	BirdTrack. Activity: N	D1297/025/01	Bern2, LBAP-C, LBAP-G, LBAP-S, UKBA, WBA	PC
<i>Phoenicurus phoenicurus</i> (Redstart / Tingoch)	SJ2454	25/06/2009	Steven Davies	1		Rhydtalog, E	Birdtrack. Activity: H	D1297/025/01	Bern2, LBAP-C, LBAP-G, LBAP-S, UKBA, WBA	PC
<i>Phoenicurus phoenicurus</i> (Redstart / Tingoch)	SJ2550	2 records, between 21/06/2016 and 02/05/2019	DV Avis; Mr J F Jones	2; 4		Ruabon Mountain, Esclusham Mountain	BirdTrack; Breeding status: S	D1297/025/01 , D1297/026/01	Bern2, LBAP-C, LBAP-G, LBAP-S, UKBA, WBA	PC
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ250507	06/06/2015	Mr N French	6		Worlds End		D1297/020/01	LBAP-C, UKBA, WBR	PC
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ253519 (Estimated Centroid of Site)	02/06/2018	Anon			Minera Quarry		D1823/001/01	LBAP-C, UKBA, WBR	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ2351	28 records, between 21/05/2006 and 19/06/2020	Julie Chicken; Mike Radcliffe; Barry Lynes; Jenny Thomas; Des James; Trevor Britton; Helen Conrad; Julie Rogers; Stephen Mcavoy; Steven Davies; David Keeling; Ray Eades; Shelagh A Halsey; Neil Hugh...	1; 2; 4; 6; 10; 12; 8+	Reported to recorder	Pendinas, Reservoir	Roving record. Survey: Observer data; Survey: Observer data; Birdtrack; Birdtrack. Activity: S; Birdtrack.. Activity: S; BirdTrack; BirdTrack. Activity: H; BirdTrack. Activity: S; BirdTrack. Activity: FF	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	LBAP-C, UKBA, WBR	NA, PC, UA
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ2553	4 records, between 19/07/2007 and 29/06/2011	Steven Davies	1	Reported to recorder	Bwlchgwyn, W	visiting bush in Bwlchgwyn Quarry, young birds heard. Survey: Observer data; Birdtrack.. Activity: T; Birdtrack.. Activity: S; BirdTrack	D0062/008/01 , D1297/025/01	LBAP-C, UKBA, WBR	NA, PC
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ2453	45 records, between 11/05/2002 and 14/06/2020	Kevin J Smith; Julie Chicken; Steven Davies; Norman Hallas; Mr Steven Davies	1; 4; 5; 6; 2+; 3; 3+; 2	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; timed tetrad visit in SJ25L. Survey: Observer data; Our FOY. Survey: Observer data; Birdtrack. Activity: S; Birdtrack.. Activity: S; BirdTrack; BirdTrack. Activity: T; BirdTrack. Activity: S; BirdTrack. Activity: FL; BirdTrack. Activity: P	D0062/008/01 , D1297/025/01 , D1297/039/01 , D1297/040/01 , D1297/041/01	LBAP-C, UKBA, WBR	NA, PC, UA
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ2252	3 records, between 19/04/2008 and 28/04/2013	Tim Ross; Dermot J Smith; Steven Davies	1; 5+	Reported to recorder	Llandegla, Moel Garegog, E	Survey: Observer data; Birdtrack. Activity: T; BirdTrack	D0062/008/01 , D1297/025/01	LBAP-C, UKBA, WBR	NA, PC
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ2152	2 records, between 10/04/2010 and 04/05/2013	Tim Ross; Steven Davies	1; 2	Reported to recorder	Moel Garegog	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	LBAP-C, UKBA, WBR	NA, 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)	SJ2350	3 records, between 15/04/2012 and 27/07/2013	Julie Chicken; Steven Davies	1	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	LBAP-C, UKBA, WBR	NA, PC
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ2251	14 records, between 03/04/2005 and 05/07/2017	Kevin J Smith; Steven Davies; Norma Williams	2; 1	Reported to recorder	Llandegla Forest	Survey: Observer data; Birdtrack. Activity: S; BirdTrack. Activity: FF; BirdTrack	D0062/008/01 , D1297/025/01	LBAP-C, UKBA, WBR	NA, PC
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ2551	18 records, between 10/04/2007 and 20/06/2020	Julie Chicken; John Lawton Roberts; Norman Hallas; Steven Davies; N Duggan; Justin B Williams; Mr Steven Davies; Mr James Hughes; Dr Anne Brenchley; Mr Justin Williams	2; 1 Male; 2 Male; 3; 1	Reported to recorder	Ruabon Mountain, Esclusham Mountain, N	Survey: Observer data; 1st of spring in uplands. Survey: Observer data; 1st of year. Activity: S. Survey: Observer data; Activity: S. Survey: Observer data; Birdtrack; Birdtrack. Activity: S; Birdtrack.. Activity: FF; BirdTrack; BirdTrack. Activity: S; Breeding status: S	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	LBAP-C, UKBA, WBR	NA, PC, UA
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ2552	5 records, between 02/05/2009 and 30/05/2019	Bob Lane; Steven Davies; Dr Anne Brenchley	2	Reported to recorder	Gwynfryn	Survey: Observer data; Birdtrack. Activity: H; Birdtrack.. Activity: S; BirdTrack. Activity: FF; Breeding status: S	D0062/008/01 , D1297/025/01 , D1297/026/01	LBAP-C, UKBA, WBR	NA, PC
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ2452	2 records, between 26/06/2010 and 04/05/2012	Julie Chicken; Steven Davies	3	Reported to recorder	Gwynfryn, W	Survey: Observer data; Birdtrack.. Activity: S	D0062/008/01 , D1297/025/01	LBAP-C, UKBA, WBR	NA, PC
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ2550	4 records, between 31/05/2009 and 02/05/2019	Kevin J Smith; DV Avis; Heather Cartwright; Mr J F Jones	2; 16	Reported to recorder	Ruabon Mountain, Esclusham Mountain	Activity: S. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/026/01	LBAP-C, UKBA, WBR	NA, 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)	SJ2250	4 records, between 21/05/2006 and 28/04/2013	Neil Hughes; Henry RA Cook; Louise Bailey	5; 3; 3+	Reported to recorder	Llandegla Forest, S	Roving. Activity: T. Survey: Observer data; Birdtrack; BirdTrack	D0062/008/01 , D1297/025/01	LBAP-C, UKBA, WBR	NA, PC
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ2352	2 records, between 19/04/2009 and 19/05/2018	Steven Davies; John Finnan			Llandegla Forest, NE	Birdtrack. Activity: S	D1297/025/01	LBAP-C, UKBA, WBR	PC
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ2353	28/05/2012	Steven Davies			Llandegla, Moor, NE	BirdTrack. Activity: S	D1297/025/01	LBAP-C, UKBA, WBR	PC
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ2451	4 records, between 13/06/2012 and 23/04/2019	Ray Eades; Steven Davies; Barrie J Roberts; Mr James Hughes	1; 10		Gwynfryn, SW	BirdTrack. Activity: S; BirdTrack; Bird Track; Breeding status: S	D1297/025/01 , D1297/026/01	LBAP-C, UKBA, WBR	PC
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ2153	28/04/2010	Steven Davies			Moel Garegog, N	Birdtrack.: Activity: S	D1297/025/01	LBAP-C, UKBA, WBR	PC
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ2354	2 records, between 20/04/2009 and 04/05/2013	Steven Davies	1		Rhydtalog	Birdtrack. Activity: S; BirdTrack	D1297/025/01	LBAP-C, UKBA, WBR	PC
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ2454	2 records, between 25/06/2009 and 19/05/2011	Steven Davies			Rhydtalog, E	Birdtrack. Activity: S; BirdTrack	D1297/025/01	LBAP-C, UKBA, WBR	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ2254	2 records, between 20/04/2009 and 06/08/2016	Steven Davies	1		Rhydtalog, W	Birdtrack. Activity: S; BirdTrack	D1297/025/01	LBAP-C, UKBA, WBR	PC
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ2450	2 records, between 25/05/2013 and 26/04/2017	Steven Davies; Derek J Gruar	2		Ruabon Mountain, Esclusham Mountain, W	BirdTrack	D1297/025/01	LBAP-C, UKBA, WBR	PC
<i>Phylloscopus trochilus</i> (Willow Warbler / Telor yr Helyg)	SJ2151	2 records, between 17/05/2010 and 10/04/2016	Steven Davies; Rupert J Pyrah			Tafarn-y-garth	Birdtrack.: Activity: S; BirdTrack	D1297/025/01	LBAP-C, UKBA, WBR	PC
<i>Phyllotreta cruciferae</i> (Cabbage Flea Beetle)	SJ253522	22/05/2019	A.N. & J.E.Graham	1 Female		Eisteddfod Farm, Gwynfryn	Female so not strictly confirmed.	D0135/001/05	RDB-NB, RDB-NS	NA
<i>Picus viridis</i> (Green Woodpecker / Cnocell Werdd)	SJ2351	27/05/2012	Bob Lane	1	Reported to recorder	Pendinas, Reservoir	Survey: Observer data	D0062/008/01	Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, WBA	NA
<i>Picus viridis</i> (Green Woodpecker / Cnocell Werdd)	SJ2251	09/04/2017	Norma Williams			Llandegla Forest	BirdTrack	D1297/025/01	Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, WBA	PC
<i>Picus viridis</i> (Green Woodpecker / Cnocell Werdd)	SJ2550	2 records, between 21/06/2016 and 03/08/2020	DV Avis; Mr J Jones	1		Ruabon Mountain, Esclusham Mountain	BirdTrack	D1297/025/01 , D1297/039/01	Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, WBA	PC, UA

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)	SJ2551 (Approximate)	02/06/2020	Mr Justin Williams			Minera quarry		D1297/039/01	Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, LBAP-S, WBA	UA
<i>Pinus sylvestris</i> (Scots Pine / Pinwydden yr Alban)	SJ2454	13/10/2015	Jonathan Shanklin			Blaenau	Status: Planted	D1587/004/01	RDB-NS	PC
<i>Pinus sylvestris</i> (Scots Pine / Pinwydden yr Alban)	SJ2153	31/07/2016	Jonathan Shanklin			Gwernol	Planted	D1587/009/01	RDB-NS	PC
<i>Pinus sylvestris</i> (Scots Pine / Pinwydden yr Alban)	SJ247516 (Estimated Centroid of Site))	30/10/1985	Janice Butler and Dawn Gray	Rare		Aber Sychnant Grassland	Habitat: Semi-natural Broadleaved Woodland	D1239/012/01	RDB-NS	PC
<i>Podiceps cristatus</i> (Great Crested Grebe / Gwyach Fawr Gopog)	SJ2453	20 records, between 20/04/2006 and 21/04/2019	Steven Davies; JA Jackson; Julie Chicken; Mr Steven Davies	1; 2; 2 Adult; 2 Juvenile; 4	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; Believed bred. Survey: Observer data; Activity: FL. Survey: Observer data; WeBS. Survey: Observer data; Birdtrack. Activity: D; Birdtrack. Activity: ON; Birdtrack.: Activity: H; Birdtrack.: Activity: P; Birdtrack.: Activity: ON; BirdTrack; BirdTrack. Activity: H; BirdTrack. Activ...	D0062/008/01 , D1297/025/01 , D1297/027/01	LBAP-C, RL-VU	NA, PC
<i>Podiceps cristatus</i> (Great Crested Grebe / Gwyach Fawr Gopog)	SJ2351	6 records, between 10/04/2009 and 11/07/2018	Julie Chicken; Andy J Bevan; SJ Hall; Neil Hughes; Trevor B Taylor	2; 1	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; BirdTrack; Activity: D	D0062/008/01 , D1297/025/01	LBAP-C, RL-VU	NA, PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Podiceps cristatus</i> (Great Crested Grebe / Gwyach Fawr Gopog)	SJ2251	7 records, between 19/03/2017 and 11/07/2018	Norma Williams; Graham Jones	2		Llandegla Forest	BirdTrack; Activity: N	D1297/025/01	LBAP-C, RL-VU	PC
<i>Podiceps cristatus</i> (Great Crested Grebe / Gwyach Fawr Gopog)	SJ235518	07/02/2013	Martyn Harris	1	Field record	Pendinas Reservoir, Llandegla Forest, Denbighshire		D0969/001/05	LBAP-C, RL-VU	PC
<i>Polygala vulgaris</i> (Common Milkwort / Amlaethai Cyffredin)	SJ256523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	RL-DD	NA
<i>Polygala vulgaris</i> (Common Milkwort / Amlaethai Cyffredin)	SJ249525 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	RL-DD	NA
<i>Polygala vulgaris</i> (Common Milkwort / Amlaethai Cyffredin)	SJ254523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	RL-DD	NA
<i>Polygala vulgaris</i> (Common Milkwort / Amlaethai Cyffredin)	SJ257522 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	RL-DD	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Polygala vulgaris</i> (Common Milkwort / Amlaethai Cyffredin)	SJ248524 (Estimated (From Recorder's Map))	11/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	RL-DD	NA
<i>Polygala vulgaris</i> (Common Milkwort / Amlaethai Cyffredin)	SJ247512 (Estimated (From Recorder's Map))	05/08/1988	Peter Jackson, Jon Turner	2 DOMIN (Estimate)	Field record	Park Farm		D0820/001/02	RL-DD	NA
<i>Polygala vulgaris</i> (Common Milkwort / Amlaethai Cyffredin)	SJ253518 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	RL-DD	NA
<i>Polygala vulgaris</i> (Common Milkwort / Amlaethai Cyffredin)	SJ254519 (Estimated (From Recorder's Map))	2 records, both on 12/09/1996	Dan Guest, Stuart Smith	3 DOMIN (Estimate); 2 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	RL-DD	NA
<i>Polygala vulgaris</i> (Common Milkwort / Amlaethai Cyffredin)	SJ254518 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	1 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	RL-DD	NA
<i>Polygala vulgaris</i> (Common Milkwort / Amlaethai Cyffredin)	SJ248525 (Estimated (From Recorder's Map))	04/08/1988	Anon	1 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	RL-DD	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Polygala vulgaris</i> (Common Milkwort / Amlaethai Cyffredin)	SJ2551	30/07/2011	Shanklin, J.			Hafod Farm		D1169/004/02	RL-DD	NA
<i>Polygala vulgaris</i> (Common Milkwort / Amlaethai Cyffredin)	SJ2351	26/05/2016	Stead, M.O.			Llandegla Forest		D1169/004/02	RL-DD	NA
<i>Polygala vulgaris</i> (Common Milkwort / Amlaethai Cyffredin)	SJ255522	03/08/2016	Williams, D.			Minera Quarry		D1169/004/02	RL-DD	NA
<i>Polygala vulgaris</i> (Common Milkwort / Amlaethai Cyffredin)	SJ250524 (Estimated Centroid of Site))	2 records, both on 01/11/1985	Dawn Gray and Janice Butler	Frequent/Occasional		Eisteddfod Grassland	Habitat: Unimproved calcareous grassland; Habitat: Basic dry grassland/heath mosaic	D1239/012/01	RL-DD	PC
<i>Polygala vulgaris</i> (Common Milkwort / Amlaethai Cyffredin)	SJ247516 (Estimated Centroid of Site))	3 records, all on 30/10/1985	Janice Butler and Dawn Gray	Frequent/Occasional		Aber Sychnant Grassland	Habitat: unimproved acid grassland; Habitat: unimproved basic grassland; Habitat: dry heath/grassland mosaic (basic)	D1239/012/01	RL-DD	PC
<i>Polygala vulgaris</i> (Common Milkwort / Amlaethai Cyffredin)	SJ24875204	02/06/2018	Wallace, Ian			Minera Quarry		D1823/003/01	RL-DD	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Pteromicra glabricula</i>	SJ249526	02/06/2020	A.N. & J.E.Graham	1		Eisteddfod Farm, Gwynfryn	Malaise trap.	D0135/020/01	RDB-N	NA
<i>Ranunculus acris</i> (Meadow Buttercup / Blodyn Ymenyn)	SJ254524 (Estimated (From Recorder's Map))	04/08/1988	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	RL-DD	NA
<i>Ranunculus acris</i> (Meadow Buttercup / Blodyn Ymenyn)	SJ253524 (Estimated (From Recorder's Map))	04/08/1988	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	4 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	RL-DD	NA
<i>Ranunculus acris</i> (Meadow Buttercup / Blodyn Ymenyn)	SJ249523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	RL-DD	NA
<i>Ranunculus acris</i> (Meadow Buttercup / Blodyn Ymenyn)	SJ250524 (Estimated (From Recorder's Map))	4 records, between 01/11/1985 and 06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith; Dawn Gray and Janice Butler	3 DOMIN (Estimate); Abundant; Frequent/Occasional	Field record	Minera (part SSSI)	Habitat: Unimproved calcareous grassland; Habitat: Continuous bracken; Habitat: Basic dry grassland/heath mosaic	D0820/001/02 , D1239/012/01	RL-DD	NA, PC
<i>Ranunculus acris</i> (Meadow Buttercup / Blodyn Ymenyn)	SJ251524 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	RL-DD	NA
<i>Ranunculus acris</i> (Meadow Buttercup / Blodyn Ymenyn)	SJ248524 (Estimated (From Recorder's Map))	11/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	RL-DD	NA
<i>Ranunculus acris</i> (Meadow Buttercup / Blodyn Ymenyn)	SJ254519 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	1 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	RL-DD	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Ranunculus acris</i> (Meadow Buttercup / Blodyn Ymenyn)	SJ252517 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	1 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	RL-DD	NA
<i>Ranunculus acris</i> (Meadow Buttercup / Blodyn Ymenyn)	SJ2352	25/04/2011	Shanklin, J.			Casgan Dittw		D1169/004/02	RL-DD	NA
<i>Ranunculus acris</i> (Meadow Buttercup / Blodyn Ymenyn)	SJ2451	25/04/2011	Shanklin, J.			Esclusham Mountain		D1169/004/02	RL-DD	NA
<i>Ranunculus acris</i> (Meadow Buttercup / Blodyn Ymenyn)	SJ256521	1992	Jones, Mr R.A.			Minera Quarry	Associated species with <i>Carex muricata</i> ssp. <i>muricata</i> .	D1169/004/02	RL-DD	NA
<i>Ranunculus acris</i> (Meadow Buttercup / Blodyn Ymenyn)	SJ2351	2 records, between 25/04/2011 and 26/05/2016	Shanklin, J.; Stead, M.O.			Llandegla Forest		D1169/004/02	RL-DD	NA
<i>Ranunculus acris</i> (Meadow Buttercup / Blodyn Ymenyn)	SJ2251	26/05/2016	Stead, M.O.			Llandegla Forest		D1169/004/02	RL-DD	NA
<i>Ranunculus acris</i> (Meadow Buttercup / Blodyn Ymenyn)	SJ2452	28/07/2011	Shanklin, J.			Gwynfryn		D1169/004/02	RL-DD	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Ranunculus acris</i> (Meadow Buttercup / Blodyn Ymenyn)	SJ2252	26/05/2016	Stead, M.O.			Casgan Dittw		D1169/004/02	RL-DD	NA
<i>Ranunculus acris</i> (Meadow Buttercup / Blodyn Ymenyn)	SJ247516 (Estimated Centroid of Site))	4 records, all on 30/10/1985	Janice Butler and Dawn Gray	Frequent/Occasional; Rare		Aber Sychnant Grassland	Habitat: Marshy grassland; Habitat: Semi-natural Broadleaved Woodland; Habitat: unimproved basic grassland; Habitat: dry heath/grassland mosaic (basic)	D1239/012/01	RL-DD	PC
<i>Ranunculus acris</i> (Meadow Buttercup / Blodyn Ymenyn)	SJ24875204	02/06/2018	Wallace, Ian			Minera Quarry		D1823/003/01	RL-DD	PC
<i>Ranunculus acris</i> (Meadow Buttercup / Blodyn Ymenyn)	SJ2453	16/11/2018	Jonathan D Shanklin			Tan-y-bryn		D1587/026/01	RL-DD	PC
<i>Ranunculus flammula</i> (Lesser Spearwort / Llafnlys Bach)	SJ224530 (Selected from Interactive Map)	06/08/2011	Emily Meilleur & recording group			Duck Pond, Moel Garegog, Llandegla	Bog by pond	D1274/001/01	RDB-NR, RDB-NS, RL-DD	KC
<i>Ranunculus flammula</i> (Lesser Spearwort / Llafnlys Bach)	SJ2351	2 records, between 25/04/2011 and 26/05/2016	Shanklin, J.; Stead, M.O.			Llandegla Forest		D1169/004/02	RDB-NR, RDB-NS, RL-DD	NA
<i>Ranunculus flammula</i> (Lesser Spearwort / Llafnlys Bach)	SJ2550	30/07/2011	Shanklin, J.			Esclusham Mountain		D1169/004/02	RDB-NR, RDB-NS, RL-DD	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Ranunculus flammula</i> (Lesser Spearwort / Llafnlys Bach)	SJ250507	01/07/2015	Formstone, J.B.	10		Esclusham Mountain		D1169/004/02	RDB-NR, RDB-NS, RL-DD	NA
<i>Ranunculus flammula</i> (Lesser Spearwort / Llafnlys Bach)	SJ247516 (Estimated Centroid of Site))	2 records, both on 30/10/1985	Janice Butler and Dawn Gray	Locally Abundant; Rare		Aber Sychnant Grassland	Habitat: Marshy grassland; Habitat: Semi-natural Broadleaved Woodland	D1239/012/01	RDB-NR, RDB-NS, RL-DD	PC
<i>Regulus regulus</i> (Goldcrest / Dryw Eurben)	SJ2351	45 records, between 15/05/2004 and 22/03/2020	Julie Rogers; Julie Chicken; Des James; Barry Lynes; Bob Lane; David Richardson; Helen Conrad; Trevor Britton; Stephen Mcavoy; Steven Davies; David Keeling; Shelagh A Halsey; John Marchant; Andy J ...	1; 2; 5; 6; 10+; 2+; 20+; 3+; 4+; 5+; 6+; 3; 4	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; heard. Survey: Observer data; heard calling. Survey: Observer data; Seen and heard. Survey: Observer data; Birdtrack; BirdTrack. Activity: H; BirdTrack; BirdTrack. Activity: S; Bird Track	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	Bern2, LBAP-C, WBA	NA, PC, UA
<i>Regulus regulus</i> (Goldcrest / Dryw Eurben)	SJ2453	20 records, between 18/05/2008 and 25/10/2020	Julie Chicken; Steven Davies; Mr Steven Davies	1; 2	Reported to recorder	Nant-y-Ffrith Reservoir	Roving record. Survey: Observer data; BirdTrack; BirdTrack. Activity: S; BirdTrack. Activity: P	D0062/008/01 , D1297/025/01 , D1297/039/01 , D1297/040/01	Bern2, LBAP-C, WBA	NA, PC, UA
<i>Regulus regulus</i> (Goldcrest / Dryw Eurben)	SJ2251	15 records, between 03/04/2005 and 11/07/2018	Kevin J Smith; Steven Davies; Norma Williams; Graham Jones	1	Reported to recorder	Llandegla Forest	Survey: Observer data; BirdTrack. Activity: S; BirdTrack	D0062/008/01 , D1297/025/01	Bern2, LBAP-C, WBA	NA, PC
<i>Regulus regulus</i> (Goldcrest / Dryw Eurben)	SJ2350	2 records, between 28/01/2006 and 01/04/2012	Julie Chicken; Anthony John Roberts	1	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data; Birdtrack	D0062/008/01 , D1297/025/01	Bern2, LBAP-C, WBA	NA, PC
<i>Regulus regulus</i> (Goldcrest / Dryw Eurben)	SJ2452	6 records, between 05/05/2012 and 24/03/2018	Ros Lane; Jenny Thomas; Corinne R Williams; Steven Davies; Anne Brechley; Anon	2; 3; 1	Reported to recorder	Gwynfryn, W	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	Bern2, LBAP-C, WBA	NA, 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)	SJ2451	5 records, between 15/04/2012 and 23/04/2019	Barry Lynes; Julie Chicken; Ray Eades; Barrie J Roberts; Mr James Hughes	2; 5	Reported to recorder	Gwynfryn, SW	Survey: Observer data; BirdTrack. Activity: S; Bird Track	D0062/008/01 , D1297/025/01 , D1297/026/01	Bern2, LBAP-C, WBA	NA, PC
<i>Regulus regulus</i> (Goldcrest / Dryw Eurben)	SJ2352	2 records, between 21/03/2008 and 02/04/2010	Tim Ross; Dermot J Smith	2	Reported to recorder	Llandegla Forest, NE	Activity: S. Survey: Observer data; Birdtrack	D0062/008/01 , D1297/025/01	Bern2, LBAP-C, WBA	NA, PC
<i>Regulus regulus</i> (Goldcrest / Dryw Eurben)	SJ2250	7 records, between 21/05/2006 and 21/02/2019	Neil Hughes; Henry RA Cook; Louise Bailey; Steven Davies; Samuel El Jones; Mr James Hughes	7; 2; 4+; 4; 5+; 1	Reported to recorder	Llandegla Forest, S	Roving. Activity: T. Survey: Observer data; Birdtrack; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/026/01	Bern2, LBAP-C, WBA	NA, PC
<i>Regulus regulus</i> (Goldcrest / Dryw Eurben)	SJ2553	2 records, between 03/06/2010 and 29/06/2011	Steven Davies	1		Bwlchgwyn, W	Birdtrack.. Activity: S; BirdTrack	D1297/025/01	Bern2, LBAP-C, WBA	PC
<i>Regulus regulus</i> (Goldcrest / Dryw Eurben)	SJ2252	4 records, between 19/04/2008 and 22/07/2017	Dermot J Smith; Steven Davies	5+; 1		Llandegla, Moel Garegog, E	Birdtrack. Activity: T; BirdTrack. Activity: S; BirdTrack	D1297/025/01	Bern2, LBAP-C, WBA	PC
<i>Regulus regulus</i> (Goldcrest / Dryw Eurben)	SJ2353	23/06/2008	Dermot J Smith	9		Llandegla, Moor, NE	Birdtrack. Activity: FL	D1297/025/01	Bern2, LBAP-C, WBA	PC
<i>Regulus regulus</i> (Goldcrest / Dryw Eurben)	SJ2552	22/06/2012	Steven Davies	1		Gwynfryn	BirdTrack	D1297/025/01	Bern2, LBAP-C, WBA	PC
<i>Regulus regulus</i> (Goldcrest / Dryw Eurben)	SJ2550	4 records, between 08/01/2016 and 22/01/2020	John F Jones; Kenny D Hall; Mr J Jones	2; 1		Ruabon Mountain, Esclusham Mountain	BirdTrack	D1297/025/01 , D1297/039/01	Bern2, LBAP-C, WBA	PC, UA
<i>Regulus regulus</i> (Goldcrest / Dryw Eurben)	SJ2551	26/06/2012	Steven Davies	1		Ruabon Mountain, Esclusham Mountain, N	BirdTrack. Activity: S	D1297/025/01	Bern2, LBAP-C, WBA	PC
<i>Regulus regulus</i> (Goldcrest / Dryw Eurben)	SJ2151	2 records, between 17/05/2010 and 10/04/2016	Steven Davies; Rupert J Pyrah			Tafarn-y-garth	Birdtrack.. Activity: S; BirdTrack	D1297/025/01	Bern2, LBAP-C, WBA	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)	SJ23525216 (Selected from Interactive Map)	19/11/2020	Thomas Hiles	2		Llandegla Forest	Part of a flock of small birds feeding on Larch Trees at around Midday.	D1117/001/01	Bern2, LBAP-C, WBA	UA
<i>Rhadicoleptus alpestris</i>	SJ222531	15/06/2014	Wallace, Family	Adult		Duck Pool, Llandegla		D1081/001/03	RDB-NS	NA
<i>Rhinanthus minor</i> (Yellow-rattle / Cribell Felen)	SJ253524 (Estimated (From Recorder's Map))	04/08/1988	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	4 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-A, RL-DD	NA
<i>Rhinanthus minor</i> (Yellow-rattle / Cribell Felen)	SJ251526 (Estimated (From Recorder's Map))	04/08/1988	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	4 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-A, RL-DD	NA
<i>Rhinanthus minor</i> (Yellow-rattle / Cribell Felen)	SJ251524 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-A, RL-DD	NA
<i>Rhinanthus minor</i> (Yellow-rattle / Cribell Felen)	SJ250524 (Estimated (From Recorder's Map))	4 records, between 01/11/1985 and 06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith; Dawn Gray and Janice Butler	3 DOMIN (Estimate); Rare; Locally Abundant	Field record	Minera (part SSSI)	Willow Carr. Habitat: Semi- natural broadleaved woodland; Habitat: Unimproved calcareous grassland; Habitat: Basic dry grassland/heath mosaic	D0820/001/02 , D1239/012/01	LBAP-A, RL-DD	NA, PC
<i>Rhinanthus minor</i> (Yellow-rattle / Cribell Felen)	SJ249525 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-A, RL-DD	NA
<i>Rhinanthus minor</i> (Yellow-rattle / Cribell Felen)	SJ256523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	1 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-A, RL-DD	NA
<i>Rhinanthus minor</i> (Yellow-rattle / Cribell Felen)	SJ248524 (Estimated (From Recorder's Map))	11/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	1 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-A, RL-DD	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Rhinanthus minor</i> (Yellow-rattle / Cribell Felen)	SJ2152	31/07/2016	Jonathan Shanklin			Moel Garegog		D1587/009/01	LBAP-A, RL-DD	PC
<i>Rhinanthus minor</i> (Yellow-rattle / Cribell Felen)	SJ2351	2 records, between 28/07/2011 and 26/05/2016	Stead, M.O.; Shanklin, J.			Llandegla Forest		D1169/004/02	LBAP-A, RL-DD	NA
<i>Riparia riparia</i> (Sand Martin / Gwennol y Glennydd)	SJ2453	7 records, between 20/04/2006 and 14/06/2020	Steven Davies; Mr Steven Davies	1; 2; 3	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; Birdtrack. Activity: M; Birdtrack:.. Activity: F; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/039/01 , D1297/040/01	Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, WBA	NA, PC, UA
<i>Rissa tridactyla</i> (Kittiwake / Gwylan Goesddu)	SJ2450	16/11/2016	Gareth M Blockley	1		Ruabon Mountain, Esclusham Mountain, W	BirdTrack	D1297/025/01	LBAP-G, RL-CR, UKBR	PC
<i>Rumex acetosa</i> (Common Sorrel / Suran y Cwn)	SJ224530 (Selected from Interactive Map)	06/08/2011	Emily Meilleur & recording group			Duck Pond, Moel Garegog, Llandegla	Bog by pond	D1274/001/01	GBNNSIP, RDB- NR, RL-DD	KC
<i>Rumex acetosa</i> (Common Sorrel / Suran y Cwn)	SJ251526 (Estimated (From Recorder's Map))	04/08/1988	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	GBNNSIP, RDB- NR, RL-DD	NA
<i>Rumex acetosa</i> (Common Sorrel / Suran y Cwn)	SJ257522 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	1 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	GBNNSIP, RDB- NR, RL-DD	NA
<i>Rumex acetosa</i> (Common Sorrel / Suran y Cwn)	SJ2352	25/04/2011	Shanklin, J.			Casgan Dittw		D1169/004/02	GBNNSIP, RDB- NR, RL-DD	NA
<i>Rumex acetosa</i> (Common Sorrel / Suran y Cwn)	SJ257523	26/09/2016	Denbs Group (Williams, D.)			Minera Quarry	Lane running W to E	D1169/004/02	GBNNSIP, RDB- NR, RL-DD	NA
<i>Rumex acetosa</i> (Common Sorrel / Suran y Cwn)	SJ2351	26/05/2016	Stead, M.O.			Llandegla Forest		D1169/004/02	GBNNSIP, RDB- NR, RL-DD	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Rumex acetosa</i> (Common Sorrel / Suran y Cwn)	SJ2251	2 records, between 25/04/2011 and 26/05/2016	Stead, M.O.; Shanklin, J.			Llandegla Forest		D1169/004/02	GBNNSIP, RDB- NR, RL-DD	NA
<i>Rumex acetosa</i> (Common Sorrel / Suran y Cwn)	SJ2550	30/07/2011	Shanklin, J.			Esclusham Mountain		D1169/004/02	GBNNSIP, RDB- NR, RL-DD	NA
<i>Rumex acetosa</i> (Common Sorrel / Suran y Cwn)	SJ2252	26/05/2016	Stead, M.O.			Casgan Dittw		D1169/004/02	GBNNSIP, RDB- NR, RL-DD	NA
<i>Rumex acetosa</i> (Common Sorrel / Suran y Cwn)	SJ2553	16/11/2018	Jonathan D Shanklin			Coed Pen-y-nant		D1587/026/01	GBNNSIP, RDB- NR, RL-DD	PC
<i>Rumex crispus</i> (Curled Dock / Tafol Crych)	SJ2454	13/10/2015	Jonathan Shanklin			Blaenau		D1587/004/01	RDB-NS	PC
<i>Rumex crispus</i> (Curled Dock / Tafol Crych)	SJ2351	26/05/2016	Stead, M.O.			Llandegla Forest		D1169/004/02	RDB-NS	NA
<i>Rumex crispus</i> (Curled Dock / Tafol Crych)	SJ2251	25/04/2011	Shanklin, J.			Llandegla Forest		D1169/004/02	RDB-NS	NA
<i>Rumex crispus</i> (Curled Dock / Tafol Crych)	SJ2453	16/11/2018	Jonathan D Shanklin			Tan-y-bryn		D1587/026/01	RDB-NS	PC
<i>Rumex crispus</i> (Curled Dock / Tafol Crych)	SJ2254	03/09/2015	Graham Wright			SJ2254	Road and track edge. National Plant Monitoring Scheme (Indicator survey)	D1844/001/03	RDB-NS	NA
<i>Salix caprea</i> (Goat Willow / Helygen Ddeilgron)	SJ224530 (Selected from Interactive Map)	06/08/2011	Emily Meilleur & recording group			Moel Garegog, Llandegla	Flush, south of pond pond.	D1274/001/01	RDB-NS	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Salix caprea</i> (Goat Willow / Helygen Ddeilgron)	SJ2352	28/07/2011	Shanklin, J.			Casgan Dittw		D1169/004/02	RDB-NS	NA
<i>Salix caprea</i> (Goat Willow / Helygen Ddeilgron)	SJ2551	30/07/2011	Shanklin, J.			Hafod Farm		D1169/004/02	RDB-NS	NA
<i>Salix caprea</i> (Goat Willow / Helygen Ddeilgron)	SJ256521	1992	Jones, Mr R.A.			Minera Quarry	Associated species with <i>Carex muricata</i> ssp. <i>muricata</i> .	D1169/004/02	RDB-NS	NA
<i>Salix caprea</i> (Goat Willow / Helygen Ddeilgron)	SJ2251	25/04/2011	Shanklin, J.			Llandegla Forest		D1169/004/02	RDB-NS	NA
<i>Salix caprea</i> (Goat Willow / Helygen Ddeilgron)	SJ2452	28/07/2011	Shanklin, J.			Gwynfryn		D1169/004/02	RDB-NS	NA
<i>Salix caprea</i> (Goat Willow / Helygen Ddeilgron)	SJ2151	08/06/2013	Shanklin, J.			Llandegla Forest		D1169/004/02	RDB-NS	NA
<i>Salix caprea</i> (Goat Willow / Helygen Ddeilgron)	SJ250524 (Estimated Centroid of Site))	3 records, all on 01/11/1985	Dawn Gray and Janice Butler	Dominant; Locally Dominant; Rare		Eisteddfod Grassland	Willow Carr. Habitat: Semi- natural broadleaved woodland; Dried up pond. Habitat: Marshy grassland; Habitat: Continuous bracken	D1239/012/01	RDB-NS	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Salix caprea</i> (Goat Willow / Helygen Ddeilgron)	SJ247516 (Estimated Centroid of Site))	30/10/1985	Janice Butler and Dawn Gray	Rare		Aber Sychnant Grassland	Habitat: Semi-natural Broadleaved Woodland	D1239/012/01	RDB-NS	PC
<i>Salix caprea</i> (Goat Willow / Helygen Ddeilgron)	SJ2553	16/11/2018	Jonathan D Shanklin			Coed Pen-y-nant		D1587/026/01	RDB-NS	PC
<i>Saxicola rubetra</i> (Whinchat / Crec yr Eithin)	SJ2351	7 records, between 01/06/2010 and 19/06/2020	Kevin J Smith; Barry Lynes; Bob Lane; Mike Radcliffe; David Keeling; Mr Shaun Nield	1; 2	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; BirdTrack. Activity: H	D0062/008/01 , D1297/025/01 , D1297/039/01	Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-NT, UKBR	NA, PC, UA
<i>Saxicola rubetra</i> (Whinchat / Crec yr Eithin)	SJ2451	3 records, between 05/05/2012 and 23/04/2019	Ros Lane; Neil Hughes; Mr James Hughes	1; 2	Reported to recorder	Gwynfryn, SW	Survey: Observer data; BirdTrack. Activity: P; Breeding status: S	D0062/008/01 , D1297/025/01 , D1297/026/01	Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-NT, UKBR	NA, PC
<i>Saxicola rubetra</i> (Whinchat / Crec yr Eithin)	SJ2350	2 records, between 13/05/2012 and 26/05/2012	Helen Conrad; Jenny Thomas	2	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data	D0062/008/01	Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-NT, UKBR	NA
<i>Saxicola rubetra</i> (Whinchat / Crec yr Eithin)	SJ2152	May 2009	Tim Ross	1 Male	Reported to recorder	Moel Garegog	Survey: Observer data	D0062/008/01	Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-NT, UKBR	NA
<i>Saxicola rubetra</i> (Whinchat / Crec yr Eithin)	SJ2550	9 records, between 31/05/2009 and 03/08/2020	Kevin J Smith; Zac Hinchcliffe; Steven Davies; Jim Shrimpton; Mike Wakeman; Mr J F Jones; Mr J Jones; Mr James Hughes; Mr Steven Davies	3; 1; 2; 3+; 4	Reported to recorder	Ruabon Mountain, Esclusham Mountain	Activity: H. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-NT, UKBR	NA, PC, UA
<i>Saxicola rubetra</i> (Whinchat / Crec yr Eithin)	SJ2251	2 records, between 05/07/2017 and 12/07/2017	Norma Williams			Llandegla Forest	BirdTrack	D1297/025/01	Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-NT, UKBR	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Saxicola rubetra</i> (Whinchat / Crec yr Eithin)	SJ2453	3 records, between 02/09/2018 and 30/08/2020	Steven Davies; Mr Steven Davies	2; 1		Nant-y-Ffrith Reservoir		D1297/025/01 , D1297/039/01 , D1297/040/01	Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-NT, UKBR	PC, UA
<i>Saxicola rubetra</i> (Whinchat / Crec yr Eithin)	SJ2254	2 records, between 27/04/2013 and 09/08/2014	Steven Davies	2; 5+		Rhydtalog, W	BirdTrack. Activity: H; BirdTrack. Activity: FL	D1297/025/01	Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-NT, UKBR	PC
<i>Saxicola rubetra</i> (Whinchat / Crec yr Eithin)	SJ2551	12 records, between 14/06/2009 and 16/07/2020	Norman Hallas; N Duggan; Steven Davies; Justin B Williams; Mr Steven Davies; Mr James Hughes	2; 1; 3; 4		Ruabon Mountain, Esclusham Mountain, N	Birdtrack. Activity: H; Birdtrack.. Activity: H; BirdTrack; BirdTrack. Activity: P; Activity: FL; Breeding status: S	D1297/025/01 , D1297/026/01 , D1297/039/01	Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-NT, UKBR	PC, UA
<i>Saxicola rubetra</i> (Whinchat / Crec yr Eithin)	SJ2450	25/05/2013	MJ Wheeler			Ruabon Mountain, Esclusham Mountain, W	BirdTrack. Activity: S	D1297/025/01	Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-NT, UKBR	PC
<i>Saxicola rubetra</i> (Whinchat / Crec yr Eithin)	SJ2153	31/05/2019	Mr James Shrimpton	1		Llandegla Moors (Fauxdegla Area)		D1297/027/01	Bern2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-NT, UKBR	PC
<i>Scolopax rusticola</i> (Woodcock / Cyfflylog)	SJ22315212 (Approximate)	16/03/2018	Tom Knight	1 Adult		Moel Garregog		D1748/001/01	BDir2.1, Bonn2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, UKBR, WBA	PC
<i>Scolopax rusticola</i> (Woodcock / Cyfflylog)	SJ2250	10/01/2009	Kevin J Smith	1	Reported to recorder	Llandegla Forest, S	flushed. Survey: Observer data	D0062/008/01	BDir2.1, Bonn2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, UKBR, WBA	NA
<i>Scolopax rusticola</i> (Woodcock / Cyfflylog)	SJ2551	2 records, between 16/03/2006 and 05/03/2014	John Lawton Roberts	1	Reported to recorder	Ruabon Mountain, Esclusham Mountain, N	Survey: Observer data	D0062/008/01	BDir2.1, Bonn2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, UKBR, WBA	NA
<i>Scolopax rusticola</i> (Woodcock / Cyfflylog)	SJ2350	09/06/2012	Corinne R Williams	1	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data	D0062/008/01	BDir2.1, Bonn2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, UKBR, WBA	NA
<i>Scolopax rusticola</i> (Woodcock / Cyfflylog)	SJ2552	01/03/2017	John Lawton Roberts	1	Reported to recorder	Gwynfryn	Survey: Observer data	D0062/008/01	BDir2.1, Bonn2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, UKBR, WBA	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Scolopax rusticola</i> (Woodcock / Cyfflog)	SJ2550	18/03/2011	John Lawton Roberts	1 Adult	Reported to recorder	Ruabon Mountain, Esclusham Mountain	On open moor. Survey: Observer data	D0062/008/01	BDir2.1, Bonn2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, UKBR, WBA	NA
<i>Scolopax rusticola</i> (Woodcock / Cyfflog)	SJ2251	09/04/2017	Norma Williams	1		Llandegla Forest	BirdTrack	D1297/025/01	BDir2.1, Bonn2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, UKBR, WBA	PC
<i>Scolopax rusticola</i> (Woodcock / Cyfflog)	SJ2351	20/03/2016	SJ Hall	4		Pendinas, Reservoir	BirdTrack	D1297/025/01	BDir2.1, Bonn2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, UKBR, WBA	PC
<i>Scolopax rusticola</i> (Woodcock / Cyfflog)	SJ2450	20/03/2016	Andy J Bevan	1		Ruabon Mountain, Esclusham Mountain, W	BirdTrack	D1297/025/01	BDir2.1, Bonn2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, UKBR, WBA	PC
<i>Scolopax rusticola</i> (Woodcock / Cyfflog)	SJ2153 (Approximate)	2 records, both on 16/12/2020	Mr James Shrimpton	1		Llandegla Moors (Fauxdegla Area)		D1297/039/01 , D1297/040/01	BDir2.1, Bonn2, LBAP-C, LBAP-D, LBAP-F, LBAP-G, RL-VU, UKBR, WBA	UA
<i>Spatula clypeata</i> (Shoveler / Hwyaden Lydanbig)	SJ2453	2 records, both on 05/04/2007	Steven Davies	1 Female; 1 Male	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data	D0062/008/01	BDir2.1, Bonn2, CITES-C, LBAP- A, LBAP-C, LBAP-G, UKBA, WBA	NA
<i>Streptopelia decaocto</i> (Collared Dove / Turtur Dorchog)	SJ2552	8 records, between 24/01/2009 and 27/03/2015	Anon; Julie Chicken; Steven Davies	2; 1; 3; 4	Reported to recorder		Occurrence ID: NBN-GA000656- BGBW2009- 16440297- 106166413; Survey: Observer data; Birdtrack. Activity: H; Birdtrack: Activity: P; BirdTrack; BirdTrack. Activity: H; Bird Track	D1852/002/01 , D0062/008/01 , D1297/025/01	BDir2.2, GBNNSIP, RL-NT	PC, NA
<i>Streptopelia decaocto</i> (Collared Dove / Turtur Dorchog)	SJ2551	23/07/2009	Julie Chicken	2	Reported to recorder	Ruabon Mountain, Esclusham Mountain, N	Survey: Observer data	D0062/008/01	BDir2.2, GBNNSIP, RL-NT	NA

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)	SJ2351	02/05/2009	Julie Chicken	2	Reported to recorder	Pendinas, Reservoir	Survey: Observer data	D0062/008/01	BDir2.2, GBNNSIP, RL-NT	NA
<i>Streptopelia decaocto</i> (Collared Dove / Turtur Dorchog)	SJ2553	29/06/2011	Steven Davies	1		Bwlchgwyn, W	BirdTrack	D1297/025/01	BDir2.2, GBNNSIP, RL-NT	PC
<i>Streptopelia decaocto</i> (Collared Dove / Turtur Dorchog)	SJ2251	15/06/2017	Norma Williams			Llandegla Forest	BirdTrack	D1297/025/01	BDir2.2, GBNNSIP, RL-NT	PC
<i>Streptopelia decaocto</i> (Collared Dove / Turtur Dorchog)	SJ2250	28/04/2013	Louise Bailey			Llandegla Forest, S	BirdTrack	D1297/025/01	BDir2.2, GBNNSIP, RL-NT	PC
<i>Streptopelia decaocto</i> (Collared Dove / Turtur Dorchog)	SJ2452	29/06/2014	Steven Davies	2		Gwynfryn, W	BirdTrack	D1297/025/01	BDir2.2, GBNNSIP, RL-NT	PC
<i>Streptopelia decaocto</i> (Collared Dove / Turtur Dorchog)	SJ2453	19 records, between 18/05/2009 and 01/01/2020	Steven Davies; Mr Steven Davies	1; 2		Nant-y-Ffrith Reservoir	Birdtrack. Activity: H; Birdtrack;; BirdTrack; BirdTrack. Activity: P; BirdTrack. Activity: H	D1297/025/01 , D1297/039/01 , D1297/040/01	BDir2.2, GBNNSIP, RL-NT	PC, UA
<i>Streptopelia decaocto</i> (Collared Dove / Turtur Dorchog)	SJ2354	04/05/2013	Steven Davies	2		Rhydtalog	BirdTrack. Activity: P	D1297/025/01	BDir2.2, GBNNSIP, RL-NT	PC

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)	SJ2454	25/06/2009	Steven Davies	2		Rhydtalog, E	Birdtrack. Activity: F	D1297/025/01	BDir2.2, GBNNSIP, RL-NT	PC
<i>Streptopelia decaocto</i> (Collared Dove / Turtur Dorchog)	SJ2550	25/05/2014	Zac Hinchcliffe			Ruabon Mountain, Esclusham Mountain	BirdTrack	D1297/025/01	BDir2.2, GBNNSIP, RL-NT	PC
<i>Streptopelia decaocto</i> (Collared Dove / Turtur Dorchog)	SJ2151	10/04/2016	Rupert J Pyrah	1		Tafarn-y-garth	BirdTrack	D1297/025/01	BDir2.2, GBNNSIP, RL-NT	PC
<i>Strix aluco</i> (Tawny Owl / Tylluan Frech)	SJ233536 (Estimated (From Recorder's Map))	23/04/2013	Des James	1	Live Sighting	LMZ: Ruabon 03	Flying over lek area at 05:45	D1448/002/01	Bern2, CITES-A, LBAP-C, RL-NT, UKBA	NA
<i>Strix aluco</i> (Tawny Owl / Tylluan Frech)	SJ2351	6 records, between 10/04/2009 and 19/06/2019	Kevin J Smith; Julie Chicken; Shelagh A Halsey; Trevor B Taylor; Mr T Taylor	1; 2	Reported to recorder	Pendinas, Reservoir	seen. Survey: Observer data; Survey: Observer data; BirdTrack. Activity: S	D0062/008/01 , D1297/025/01 , D1297/026/01	Bern2, CITES-A, LBAP-C, RL-NT, UKBA	NA, PC
<i>Strix aluco</i> (Tawny Owl / Tylluan Frech)	SJ2251	10 records, between 10/04/2007 and 12/07/2017	Julie Chicken; Norma Williams	1; 2	Reported to recorder	Llandegla Forest	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	Bern2, CITES-A, LBAP-C, RL-NT, UKBA	NA, PC
<i>Strix aluco</i> (Tawny Owl / Tylluan Frech)	SJ2452	01/04/2012	Julie Chicken	1	Reported to recorder	Gwynfryn, W	Survey: Observer data	D0062/008/01	Bern2, CITES-A, LBAP-C, RL-NT, UKBA	NA
<i>Strix aluco</i> (Tawny Owl / Tylluan Frech)	SJ2453	15/04/2012	Julie Chicken	1	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data	D0062/008/01	Bern2, CITES-A, LBAP-C, RL-NT, UKBA	NA
<i>Strix aluco</i> (Tawny Owl / Tylluan Frech)	SJ2352	04/04/2009	Julie Rogers	2	Reported to recorder	Llandegla Forest, NE	Survey: Observer data	D0062/008/01	Bern2, CITES-A, LBAP-C, RL-NT, UKBA	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Strix aluco</i> (Tawny Owl / Tylluan Frech)	SJ2250	28/04/2013	Louise Bailey			Llandegla Forest, S	BirdTrack	D1297/025/01	Bern2, CITES-A, LBAP-C, RL-NT, UKBA	PC
<i>Strix aluco</i> (Tawny Owl / Tylluan Frech)	SJ2252	07/05/2008	Dermot J Smith	2		Llandegla, Moel Garegog, E	Birdtrack. Activity: T	D1297/025/01	Bern2, CITES-A, LBAP-C, RL-NT, UKBA	PC
<i>Strix aluco</i> (Tawny Owl / Tylluan Frech)	SJ2151	10/04/2016	Rupert J Pyrah			Tafarn-y-garth	BirdTrack	D1297/025/01	Bern2, CITES-A, LBAP-C, RL-NT, UKBA	PC
<i>Strix aluco</i> (Tawny Owl / Tylluan Frech)	SJ234515 (Selected from Interactive Map)	02/04/2021	Thomas Hiles	Female		Coed llandegla	Heard only	D1117/001/01	Bern2, CITES-A, LBAP-C, RL-NT, UKBA	UA
<i>Sylvia borin</i> (Garden Warbler / Telor yr Ardd)	SJ2453	5 records, between 26/04/2006 and 30/06/2019	Steven Davies; Mr Steven Davies	1	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; Birdtrack.: Activity: S; BirdTrack. Activity: S; Breeding status: S	D0062/008/01 , D1297/025/01 , D1297/026/01	LBAP-C, WBA	NA, PC
<i>Sylvia borin</i> (Garden Warbler / Telor yr Ardd)	SJ2452	08/06/2018	Kevin J Smith	1		Gwynfryn, W		D1297/025/01	LBAP-C, WBA	PC
<i>Sylvia borin</i> (Garden Warbler / Telor yr Ardd)	SJ2351	2 records, between 08/06/2018 and 05/07/2019	Trevor B Taylor; Mr T Taylor	1; 2		Pendinas, Reservoir		D1297/025/01 , D1297/026/01	LBAP-C, WBA	PC
<i>Sylvia borin</i> (Garden Warbler / Telor yr Ardd)	SJ2550	02/05/2019	Mr J F Jones	1		Esclusham mountains		D1297/026/01	LBAP-C, WBA	PC
<i>Sylvia borin</i> (Garden Warbler / Telor yr Ardd)	SJ2551	2 records, between 06/05/2019 and 22/05/2019	Mr James Hughes; Dr Anne Brenchley	1		Ruabon Mountain, Esclusham Mountain, N	Breeding status: S	D1297/026/01	LBAP-C, WBA	PC
<i>Sympetrum striolatum</i> (Common Darter / Gwäell Gyffredin)	SJ254522 (Selected from Interactive Map)	18/08/2019	David Marks	1 Adult		Minera quarry		D1117/001/01	LBAP-S, RL-DD	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Sympetrum striolatum</i> (Common Darter / Gwäell Gyffredin)	SJ2552	2017	A.N. & J.E.Graham			Minera Quarry		D0135/001/05	LBAP-S, RL-DD	NA
<i>Sympetrum striolatum</i> (Common Darter / Gwäell Gyffredin)	SJ252510	08/09/2006	Bryan Formstone	2-5 adult		Minerva Mountain: small reservoir, Unspecified		D1295/001/04	LBAP-S, RL-DD	NA
<i>Sympetrum striolatum</i> (Common Darter / Gwäell Gyffredin)	SJ25205217	2 records, both on 18/08/2019	David Marks	1 adult		Minera	iRecord (iRecord Dragonflies)	D1295/001/04 , D1844/001/03	LBAP-S, RL-DD	NA
<i>Symphoromyia crassicornis</i> (Moorland Snipefly)	SJ251526	4 records, between 20/06/2012 and 17/07/2012	A.N. & J.E.Graham; Graham, A.N. and J.E.	1		Minera Quarry	Voucher retained. iRecord (iRecord Import); iRecord (iRecord Import)	D0135/001/05 , D1844/001/03	RDB-NS	NA
<i>Systemus scholtzii</i>	SJ247525	22/06/2020 to 10/07/2020	A.N. & J.E.Graham	1		Eisteddfod Farm, Gwynfryn	Veins strongly converging. Antennae fit for this rather than mallochi. Method: Malaise trap	D0135/021/01	RDB-NS	NA
<i>Tabanus sudeticus</i> (Dark Giant Horsefly)	SJ254523	2 records, both on 17/07/2012	A.N. & J.E.Graham; Graham, A.N. and J.E.			Minera Quarry	iRecord (iRecord Import)	D0135/001/05 , D1844/001/03	RDB-NS	NA
<i>Tasiocera fuscescens</i>	SJ255521	21/05/2017	A.N. & J.E.Graham	1 Male		Minera Quarry	Gen. det?: yes	D0135/001/05	RL-EN	NA
<i>Trichocera maculipennis</i>	SJ254518	24/10/1971	Alan Stubbs	several Adult	Field record	Minera	Several dead flies on walls of cave which has a constant temperature of 50 deg F throughout the year. Ogof Dydd Byraf	D0217/001/04	LBAP-D, RDB-NS	NA
<i>Trichonta pulchra</i>	SJ247525	22/06/2020 to 10/07/2020	A.N. & J.E.Graham	1 Male		Eisteddfod Farm, Gwynfryn	Gen. det?: yes. Method: Malaise trap	D0135/021/01	RDB-NS	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Tringa totanus</i> (Redshank / Pibydd Coesgoch)	SJ2453 (Approximate)	2 records, both on 30/08/2020	Mr Steven Davies	1		Nant-y-Ffrith Reservoir	south bank, then on dam	D1297/039/01 , D1297/040/01	BDir2.2, Bonn2, LBAP-A, LBAP-C, LBAP-G, RL-EN, RL-NT, RL-VU, UKBA, WBA	UA
<i>Turdus viscivorus</i> (Mistle Thrush / Brych y Coed)	SJ247516 (Estimated (Centroid of Site))	30/10/1985	Janice Butler and Dawn Gray			Aber Sychnant Grassland		D1239/012/01	BDir2.2, RL-VU, UKBR	PC
<i>Turdus viscivorus</i> (Mistle Thrush / Brych y Coed)	SJ253512 (GPS Reading)	26/05/2018	Gordon Plater	1		Minera		D1117/001/01	BDir2.2, RL-VU, UKBR	PC
<i>Turdus viscivorus</i> (Mistle Thrush / Brych y Coed)	SJ252517 (Selected from Interactive Map)	20/03/2020	Nigel Burns	1 Juvenile		Minera Quarry		D1117/001/01	BDir2.2, RL-VU, UKBR	PC
<i>Turdus viscivorus</i> (Mistle Thrush / Brych y Coed)	SJ2453	42 records, between 17/05/2005 and 27/12/2020	Julie Chicken; Kevin J Smith; Steven Davies; Mr Steven Davies	1; 2; 3; 8	Reported to recorder	Nant-y-Ffrith Reservoir	Roving record. Survey: Observer data; Survey: Observer data; timed tetrad visit in SJ25L. Survey: Observer data; Birdtrack; Birdtrack. Activity: H; Birdtrack.: Activity: H; Birdtrack.; BirdTrack; BirdTrack. Activity: H	D0062/008/01 , D1297/025/01 , D1297/039/01 , D1297/040/01	BDir2.2, RL-VU, UKBR	NA, PC, UA
<i>Turdus viscivorus</i> (Mistle Thrush / Brych y Coed)	SJ2351	24 records, between 16/03/2007 and 19/06/2020	Julie Rogers; Julie Chicken; Helen Conrad; Trevor Britton; Mike Radcliffe; Jenny Thomas; Des James; Stephen Mcavoy; Ray Eades; Steven Davies; Shelagh A Halsey; David Keeling; Neil Hughes; SJ Hall; ...	1; 2; 3; 5; 2+; 4	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; Birdtrack. Activity: S; BirdTrack; BirdTrack. Activity: FF; BirdTrack. Activity: S	D0062/008/01 , D1297/025/01 , D1297/039/01	BDir2.2, RL-VU, UKBR	NA, PC, UA
<i>Turdus viscivorus</i> (Mistle Thrush / Brych y Coed)	SJ2452	3 records, between 05/08/2007 and 22/03/2018	Julie Chicken; Julie Rogers; Anne Brenchley	2; 16; 1	Reported to recorder	Gwynfryn, W	Survey: Observer data; Activity: S	D0062/008/01 , D1297/025/01	BDir2.2, RL-VU, UKBR	NA, PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Turdus viscivorus</i> (Mistle Thrush / Brych y Coed)	SJ2451	5 records, between 05/05/2012 and 23/04/2019	Ros Lane; Steven Davies; Barrie J Roberts; Neil Hughes; Mr James Hughes	2; 4	Reported to recorder	Gwynfryn, SW	Survey: Observer data; BirdTrack. Activity: P; Bird Track; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/026/01	BDir2.2, RL-VU, UKBR	NA, PC
<i>Turdus viscivorus</i> (Mistle Thrush / Brych y Coed)	SJ2350	2 records, between 15/04/2012 and 28/04/2013	Julie Chicken; Steven Davies	3; 1	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	BDir2.2, RL-VU, UKBR	NA, PC
<i>Turdus viscivorus</i> (Mistle Thrush / Brych y Coed)	SJ2352	4 records, between 19/04/2009 and 19/05/2018	Tim Ross; Steven Davies; John Finnan	1	Reported to recorder	Llandegla Forest, NE	Activity: S. Survey: Observer data; Birdtrack. Activity: H; BirdTrack	D0062/008/01 , D1297/025/01	BDir2.2, RL-VU, UKBR	NA, PC
<i>Turdus viscivorus</i> (Mistle Thrush / Brych y Coed)	SJ2251	10 records, between 28/04/2013 and 02/03/2020	Steven Davies; Norma Williams; Graham Jones; Mr David Beevers	1; 4		Llandegla Forest	BirdTrack; Activity: FL	D1297/025/01 , D1297/039/01	BDir2.2, RL-VU, UKBR	PC, UA
<i>Turdus viscivorus</i> (Mistle Thrush / Brych y Coed)	SJ2250	7 records, between 21/05/2006 and 21/02/2019	Henry RA Cook; Steven Davies; Louise Bailey; Samuel El Jones; Mr James Hughes	3; 1; 2		Llandegla Forest, S	Birdtrack; BirdTrack. Activity: P; BirdTrack	D1297/025/01 , D1297/026/01	BDir2.2, RL-VU, UKBR	PC
<i>Turdus viscivorus</i> (Mistle Thrush / Brych y Coed)	SJ2354	2 records, between 28/05/2012 and 04/05/2013	Steven Davies	1		Rhydtalog	BirdTrack. Activity: H; BirdTrack	D1297/025/01	BDir2.2, RL-VU, UKBR	PC
<i>Turdus viscivorus</i> (Mistle Thrush / Brych y Coed)	SJ2454	21/01/2011	Steven Davies	5		Rhydtalog, E	BirdTrack	D1297/025/01	BDir2.2, RL-VU, UKBR	PC
<i>Turdus viscivorus</i> (Mistle Thrush / Brych y Coed)	SJ2550	13 records, between 08/01/2016 and 25/06/2020	DV Avis; John F Jones; Kenny D Hall; Steven Davies; Mike Wakeman; Mr J F Jones; Mr Michael Wakeman; Mr J Jones; Mr James Hughes; Mr Steven Davies	2; 4; 1		Ruabon Mountain, Esclusham Mountain	BirdTrack; BirdTrack. Activity: P; One singing southern end	D1297/025/01 , D1297/026/01 , D1297/039/01	BDir2.2, RL-VU, UKBR	PC, UA
<i>Turdus viscivorus</i> (Mistle Thrush / Brych y Coed)	SJ2551	4 records, between 19/03/2016 and 22/05/2019	Alex Humphreys- Jones; Dave Beevers; Justin B Williams; Mr James Hughes	1; 2		Ruabon Mountain, Esclusham Mountain, N	BirdTrack; Breeding status: P	D1297/025/01 , D1297/026/01	BDir2.2, RL-VU, UKBR	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Turdus viscivorus</i> (Mistle Thrush / Brych y Coed)	SJ2450	3 records, between 05/04/2014 and 25/03/2016	Rob Swift; T Bowyer	2; 4		Ruabon Mountain, Esclusham Mountain, W	BirdTrack; BirdTrack. Activity: S	D1297/025/01	BDir2.2, RL-VU, UKBR	PC
<i>Turdus viscivorus</i> (Mistle Thrush / Brych y Coed)	SJ2151	10/04/2016	Rupert J Pyrah			Tafarn-y-garth	BirdTrack	D1297/025/01	BDir2.2, RL-VU, UKBR	PC
<i>Turdus viscivorus</i> (Mistle Thrush / Brych y Coed)	SJ2153 (Approximate)	2 records, both on 27/01/2020	Mr James Shrimpton	1		Llandegla Moors (Fauxdegla Area)		D1297/039/01 , D1297/040/01	BDir2.2, RL-VU, UKBR	UA
<i>Turdus viscivorus</i> <i>viscivorus</i>	SJ2251 (Approximate)	02/03/2020	Mr David Beevers	1		A525 Nr, Llandegla		D1297/040/01	BDir2.2, RL-VU, UKBR	UA
<i>Veronica</i> <i>serpyllifolia</i> (Thyme-leaved Speedwell / Rhwyddlwyn Dail Teim)	SJ239543	07/06/1973	Goronwy Wynne			Rhydtalog		D0101/001/01	RL-NT	PC
<i>Veronica</i> <i>serpyllifolia</i> (Thyme-leaved Speedwell / Rhwyddlwyn Dail Teim)	SJ224530 (Selected from Interactive Map)	06/08/2011	Emily Meilleur & recording group			Moel Garegog, Llandegla	Flush, south of pond pond.	D1274/001/01	RL-NT	KC
<i>Veronica</i> <i>serpyllifolia</i> (Thyme-leaved Speedwell / Rhwyddlwyn Dail Teim)	SJ253522	03/08/2016	Williams, D.			Minera Quarry	Open limestone grassland	D1169/004/02	RL-NT	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Veronica serpyllifolia</i> (Thyme-leaved Speedwell / Rhwyddlwyn Dail Teim)	SJ2351	26/05/2016	Stead, M.O.			Llandegla Forest		D1169/004/02	RL-NT	NA
<i>Veronica serpyllifolia</i> (Thyme-leaved Speedwell / Rhwyddlwyn Dail Teim)	SJ2251	26/05/2016	Stead, M.O.			Llandegla Forest		D1169/004/02	RL-NT	NA
<i>Veronica serpyllifolia</i> (Thyme-leaved Speedwell / Rhwyddlwyn Dail Teim)	SJ2550	30/07/2011	Shanklin, J.			Esclusham Mountain		D1169/004/02	RL-NT	NA
<i>Veronica serpyllifolia</i> (Thyme-leaved Speedwell / Rhwyddlwyn Dail Teim)	SJ2151	08/06/2013	Shanklin, J.			Llandegla Forest		D1169/004/02	RL-NT	NA
<i>Veronica serpyllifolia</i> (Thyme-leaved Speedwell / Rhwyddlwyn Dail Teim)	SJ2252	26/05/2016	Stead, M.O.			Casgan Dittw		D1169/004/02	RL-NT	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Veronica serpyllifolia</i> (Thyme-leaved Speedwell / Rhwyddlwyn Dail Teim)	SJ2553	16/11/2018	Jonathan D Shanklin			Coed Pen-y-nant		D1587/026/01	RL-NT	PC
<i>Viola palustris</i> (Marsh Violet / Fioled y Gors)	SJ238539	20/09/1977	Goronwy Wynne			Rhydtalog	wet acid moorland	D0101/001/01	RDB-NS	PC
<i>Viola palustris</i> (Marsh Violet / Fioled y Gors)	SJ224530 (Selected from Interactive Map)	06/08/2011	Emily Meilleur & recording group			Moel Garegog, Llandegla	Flush, south of pond pond.	D1274/001/01	RDB-NS	KC
<i>Viola palustris</i> (Marsh Violet / Fioled y Gors)	SJ2450	25/04/2011	Shanklin, J.			Esclusham Mountain		D1169/004/02	RDB-NS	NA
<i>Viola palustris</i> (Marsh Violet / Fioled y Gors)	SJ23585161	26/05/2016	Stead, M.O.			Llandegla Forest	Wet boggy area to south of resevoir	D1169/004/02	RDB-NS	NA
<i>Viola palustris</i> (Marsh Violet / Fioled y Gors)	SJ2251	25/04/2011	Shanklin, J.			Llandegla Forest		D1169/004/02	RDB-NS	NA
<i>Viola palustris</i> (Marsh Violet / Fioled y Gors)	SJ247516 (Estimated Centroid of Site))	30/10/1985	Janice Butler and Dawn Gray	Frequent/Occasional		Aber Sychnant Grassland	Habitat: Marshy grassland	D1239/012/01	RDB-NS	PC
<i>Walckenaeria nodosa</i>	SJ226519	20/12/2018	Bryan Formstone	1m		Pendinas Conifers	In wet moss beside stream. Sampling method: Hand	D1275/003/01	RDB-NS	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)	SJ2454	13/10/2015	Jonathan Shanklin			Blaenau		D1587/004/01	LI-48[LS], LI-49[LS]	PC
<i>Acrocephalus schoenobaenus</i> (Sedge Warbler / Telor yr Hesg)	SJ2453	22 records, between 11/05/2002 and 07/05/2017	Julie Chicken; Steven Davies; John Lawton Roberts; Mr Steven Davies	1; 2; 7; 3; 5	Reported to recorder	Nant-y-Ffrith Reservoir	Roving record. Survey: Observer data; Survey: Observer data; Activity: S. Survey: Observer data; Birdtrack. Activity: S; Birdtrack.: Activity: S; BirdTrack; BirdTrack. Activity: S; BirdTrack. Activity: T	D0062/008/01 , D1297/025/01 , D1297/041/01	LBAP-C	NA, PC, UA
<i>Acrocephalus schoenobaenus</i> (Sedge Warbler / Telor yr Hesg)	SJ2252	07/05/2008	Dermot J Smith	1		Llandegla, Moel Garegog, E	Birdtrack. Activity: S	D1297/025/01	LBAP-C	PC
<i>Aeshna cyanea</i> (Southern Hawker / Gwas Neidr y De)	SJ255522 (Estimated (Centroid of Site))	2 records, both on 03/10/1978	Parker, D M; D.M. Parker	Present adult		Gwynfryn, Minera Qry		D0158/003/01 , D1295/001/04	LBAP-S	PC, NA
<i>Aeshna cyanea</i> (Southern Hawker / Gwas Neidr y De)	SJ25195219	02/06/2018	Wallace, Ian	larva		Minera Quarry	pond	D1823/003/01	LBAP-S	PC
<i>Aeshna cyanea</i> (Southern Hawker / Gwas Neidr y De)	SJ248526	2 records, both on 02/10/1978	Paul Day; P. Day	Present adult		Minera Quarry	In quarry bottom.	D0217/001/04 , D1295/001/04	LBAP-S	NA
<i>Aeshna cyanea</i> (Southern Hawker / Gwas Neidr y De)	SJ249506	13/09/2007	John Lawton Roberts	2-5 adult		Ruabon Mountain		D1295/001/04	LBAP-S	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Aeshna cyanea</i> (Southern Hawker / Gwas Neidr y De)	SJ252510	08/09/2006	Bryan Formstone	1 adult		Minerva Mountain: small reservoir, Unspecified		D1295/001/04	LBAP-S	NA
<i>Aeshna juncea</i> (Common Hawker / Gwas Neidr Glas)	SJ252510	08/09/2006	Bryan Formstone	2-5 adult		Minerva Mountain: small reservoir, Unspecified		D1295/001/04	LBAP-S	NA
<i>Alchemilla</i> <i>filicaulis</i> subsp. <i>vestita</i>	SJ249525 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-48[LS], LI- 49[LS]	NA
<i>Alchemilla</i> <i>filicaulis</i> subsp. <i>vestita</i>	SJ254518 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	1 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	LI-48[LS], LI- 49[LS]	NA
<i>Aloina aloides</i> (Common Aloe- moss)	SJ251523	2 records, both on 05/04/2008	Long, D.G.; British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C, LBAP-F, LI-48[LR]	NA
<i>Amphidium</i> <i>mougeotii</i> (Mougeot's Yoke- moss)	SJ2451	1950 to 1988	Hill, M.O.			-Withheld-	-Withheld-	D1075/001/06	LI-52[LR]	NA
<i>Anacamptis</i> <i>pyramidalis</i> (Pyramidal Orchid / Tegeirian Bera)	SJ2551	06/07/2013	Elias, D.			Hafod Farm	SJ252519. One in flower, many more in bud	D1169/004/02	LI-48[LS]	NA
<i>Anacamptis</i> <i>pyramidalis</i> (Pyramidal Orchid / Tegeirian Bera)	SJ256518	21/07/2003	Lawton Roberts, J.			Hafod Farm	On mound adjacent to Hoffman's kiln, with Ron Hall	D1169/004/02	LI-48[LS]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Anacamptis pyramidalis</i> (Pyramidal Orchid / Tegeirian Bera)	SJ25645206	03/08/2016	Williams, D.			Minera Quarry	Occasional	D1169/004/02	LI-48[LS]	NA
<i>Anacamptis pyramidalis</i> (Pyramidal Orchid / Tegeirian Bera)	SJ256520	13/07/2019	Sue Budd		Field record	Minera Quarry Nature Reserve		D0969/001/05	LI-48[LS]	PC
<i>Anomodon viticulosus</i> (Rambling Tail-moss)	SJ2552	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-48[LR]	NA
<i>Anser anser</i> (Greylag Goose / Gwydd Wylt)	SJ240509 (Estimated (From Recorder's Map))	23/04/2013	Chris Mellenchip; Richard May	1	Live Sighting	LMZ: Ruabon 06		D1448/002/01	BDir2.1, Bonn2, LBAP-C, UKBA, WCA1.2	NA
<i>Anser anser</i> (Greylag Goose / Gwydd Wylt)	SJ248505 (Estimated (From Recorder's Map))	25/04/2014	Wendy Williams	1 Adult	Live Sighting	LMZ: Ruabon 07		D1448/002/01	BDir2.1, Bonn2, LBAP-C, UKBA, WCA1.2	NA
<i>Anser anser</i> (Greylag Goose / Gwydd Wylt)	SJ2453	22 records, between 23/03/2004 and 19/04/2020	Steven Davies; Julie Chicken; John Lawton Roberts; Mr Steven Davies	1; 2; 6; 1 Female; 1 Male; 3; 14; 16; 10; 11; 7; 10+	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; BirdTrack; BirdTrack. Activity: F; BirdTrack. Activity: FL; Breeding status: FL	D0062/008/01 , D1297/025/01 , D1297/027/01 , D1297/026/01 , D1297/039/01 , D1297/040/01	BDir2.1, Bonn2, LBAP-C, UKBA, WCA1.2	NA, PC, UA
<i>Anser anser</i> (Greylag Goose / Gwydd Wylt)	SJ2351	12 records, between 01/04/2012 and 22/03/2020	Mike Radcliffe; Julie Chicken; Bob Lane; Barry Lynes; Trevor Britton; David Keeling; Shelagh A Halsey; Steven Davies; Mr Steven Davies	1; 2; 3; 4; 5; 7	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/039/01	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)	SJ2451	3 records, between 05/05/2012 and 23/04/2019	Ros Lane; Barrie J Roberts; Mr James Hughes	2; 4	Reported to recorder	Gwynfryn, SW	Survey: Observer data; Bird Track	D0062/008/01 , D1297/025/01 , D1297/026/01	BDir2.1, Bonn2, LBAP-C, UKBA, WCA1.2	NA, PC
<i>Anser anser</i> (Greylag Goose / Gwydd Wylt)	SJ2350	13/05/2012	Helen Conrad	4	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data	D0062/008/01	BDir2.1, Bonn2, LBAP-C, UKBA, WCA1.2	NA
<i>Anser anser</i> (Greylag Goose / Gwydd Wylt)	SJ2550	7 records, between 26/04/2010 and 02/05/2019	John Lawton Roberts; Kevin J Smith; Mr J F Jones; Mr James Bray; Mr Mark Breaks	1 Female; 1 Male; 20+; 2; 1	Reported to recorder	Ruabon Mountain, Esclusham Mountain	Survey: Observer data; Probably breeding birds. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/026/01	BDir2.1, Bonn2, LBAP-C, UKBA, WCA1.2	NA, PC
<i>Anser anser</i> (Greylag Goose / Gwydd Wylt)	SJ2251	8 records, between 19/03/2017 and 07/05/2017	Norma Williams			Llandegla Forest	BirdTrack	D1297/025/01	BDir2.1, Bonn2, LBAP-C, UKBA, WCA1.2	PC
<i>Anser anser</i> (Greylag Goose / Gwydd Wylt)	SJ2250	28/04/2013	Louise Bailey			Llandegla Forest, S	BirdTrack	D1297/025/01	BDir2.1, Bonn2, LBAP-C, UKBA, WCA1.2	PC
<i>Anser anser</i> (Greylag Goose / Gwydd Wylt)	SJ2252	2 records, between 28/02/2011 and 27/07/2011	Steven Davies	2; 3		Llandegla, Moel Garegog, E	BirdTrack	D1297/025/01	BDir2.1, Bonn2, LBAP-C, UKBA, WCA1.2	PC
<i>Anser anser</i> (Greylag Goose / Gwydd Wylt)	SJ2452	29/06/2014	Steven Davies	9		Gwynfryn, W	BirdTrack	D1297/025/01	BDir2.1, Bonn2, LBAP-C, UKBA, WCA1.2	PC
<i>Anser anser</i> (Greylag Goose / Gwydd Wylt)	SJ2153	28/04/2010	Steven Davies	1		Moel Garegog, N	Birdtrack.: Activity: F	D1297/025/01	BDir2.1, Bonn2, LBAP-C, UKBA, WCA1.2	PC
<i>Anser anser</i> (Greylag Goose / Gwydd Wylt)	SJ2551	2 records, between 21/04/2014 and 13/04/2018	Roger Halsey; Colin A Penny	2; 1		Ruabon Mountain, Esclusham Mountain, N	BirdTrack	D1297/025/01	BDir2.1, Bonn2, LBAP-C, UKBA, WCA1.2	PC
<i>Anser anser</i> (Greylag Goose / Gwydd Wylt)	SJ2450	2 records, between 06/05/2013 and 05/04/2014	Neil Hughes; Rob Swift	1; 4		Ruabon Mountain, Esclusham Mountain, W	BirdTrack	D1297/025/01	BDir2.1, Bonn2, LBAP-C, UKBA, WCA1.2	PC

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)	SJ2151	10/04/2016	Rupert J Pyrah	2		Tafarn-y-garth	BirdTrack	D1297/025/01	BDir2.1, Bonn2, LBAP-C, UKBA, WCA1.2	PC
<i>Antennaria dioica</i> (Mountain Everlasting / Edafeddog y Mynydd)	SJ2551	2 records, both in 1999	Anon			Minera		D0216/001/03 , D1169/004/02	LBAP-C, LI- 48[LR], LI-49[LR], LI-50[LR], LI- 51[LR], LI-52[LS]	PC, NA
<i>Antennaria dioica</i> (Mountain Everlasting / Edafeddog y Mynydd)	SJ253518 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	LBAP-C, LI- 48[LR], LI-49[LR], LI-50[LR], LI- 51[LR], LI-52[LS]	NA
<i>Anthyllis vulneraria</i> (Kidney Vetch / Plucen Felen)	SJ249523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	GBNNSIP, LI- 48[LS]	NA
<i>Anthyllis vulneraria</i> (Kidney Vetch / Plucen Felen)	SJ249525 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	4 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	GBNNSIP, LI- 48[LS]	NA
<i>Anthyllis vulneraria</i> (Kidney Vetch / Plucen Felen)	SJ256523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	GBNNSIP, LI- 48[LS]	NA
<i>Anthyllis vulneraria</i> (Kidney Vetch / Plucen Felen)	SJ250524 (Estimated (Centroid of Site))	01/11/1985	Dawn Gray and Janice Butler	Rare		Eisteddfod Grassland	Habitat: Unimproved calcareous grassland	D1239/012/01	GBNNSIP, LI- 48[LS]	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Arabis hirsuta</i> (Hairy Rock-cress / Berwr-y-Cerrig Blewog)	SJ250524 (Estimated (Centroid of Site))	01/11/1985	Dawn Gray and Janice Butler	Frequent/Occasional		Eisteddfod Grassland	Habitat: Unimproved calcareous grassland	D1239/012/01	LI-48[LR], LI-52[LS]	PC
<i>Arabis hirsuta</i> (Hairy Rock-cress / Berwr-y-Cerrig Blewog)	SJ250520 (Estimated (Centroid of Site))	02/06/2018	Geoff Radford			Minera Quarry		D1823/002/01	LI-48[LR], LI-52[LS]	PC
<i>Arabis hirsuta</i> (Hairy Rock-cress / Berwr-y-Cerrig Blewog)	SJ2552	02/06/2018	Wallace, Ian			Minera Quarry		D1823/003/01	LI-48[LR], LI-52[LS]	PC
<i>Aricia agestis</i> (Brown Argus / Argws Brown)	SJ254523 (Estimated (Centroid of Site))	3 records, between 27/07/1994 and 17/07/2012	Rob W Whitehead; Leeds Uni - Rob Wilson; Andrew & Janet Graham	1; 2		Gwynfryn	adjacent to disused quarry. Breeding: No. Mature: Yes. Record type: Field record / observation; CORINE: 342	D0127/001/02 , D1858/001/02	LBAP-D	NA
<i>Aricia agestis</i> (Brown Argus / Argws Brown)	SJ250522	07/06/2016	Andrew & Janet Graham	1		Minera Quarry		D1858/001/02	LBAP-D	NA
<i>Aricia agestis</i> (Brown Argus / Argws Brown)	SJ251526	07/05/2017	Andrew & Janet Graham	1 larval		Eisteddfod Farm, Gwynfryn	On rockrose	D1858/001/02	LBAP-D	NA
<i>Aricia agestis</i> (Brown Argus / Argws Brown)	SJ257521	2 records, between 18/07/2017 and 19/07/2018	Andrew & Janet Graham	1; 2		Eisteddfod Farm, Gwynfryn		D1858/001/02	LBAP-D	NA
<i>Aricia agestis</i> (Brown Argus / Argws Brown)	SJ253522	22/07/2017	Andrew & Janet Graham	1		Eisteddfod Farm, Gwynfryn		D1858/001/02	LBAP-D	NA
<i>Aricia agestis</i> (Brown Argus / Argws Brown)	SJ257520	2 records, between 15/06/2018 and 02/07/2018	Andrew & Janet Graham	5; 5+		Eisteddfod Farm, Gwynfryn	Very fresh looking	D1858/001/02	LBAP-D	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Aricia agestis</i> (Brown Argus / Argws Brown)	SJ252522	3 records, between 29/05/2003 and 19/07/2006	Rob W Whitehead	1 Adult; 1; 6 Adult	Field record	Gwynfryn - Quarry rim	Quarry: disused	D1373/001/05	LBAP-D	NA
<i>Aricia agestis</i> (Brown Argus / Argws Brown)	SJ249526	29/06/2006	Rob W Whitehead	1 Adult		S of Pantdedwydd	No Rockrose seen	D1373/001/05	LBAP-D	NA
<i>Aricia agestis</i> (Brown Argus / Argws Brown)	SJ247518	17/07/2012	Andrew & Janet Graham	1 Adult		Minera Quarry		D1373/001/05	LBAP-D	NA
<i>Aricia agestis</i> (Brown Argus / Argws Brown)	SJ250524	6 records, between 07/05/2017 and 19/07/2018	A.N & J.E. Graham; A.N. & J.E. Graham	2 Adult; 8 Adult; 6 Adult; 1 Adult		Minera Quarry, Eisteddfod Farm	Quarry: disused	D1373/001/05	LBAP-D	NA
<i>Barbilophozia floerkei</i> (Common Pawwort)	SJ2552	1917	Jones, D.A.			-Withheld-	-Withheld-	D1075/001/06	LI-51[LR]	NA
<i>Barbilophozia floerkei</i> (Common Pawwort)	SJ2450	22/09/1996	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-51[LR]	NA
<i>Bartramia pomiformis</i> (Common Apple- moss)	SJ2451	1950 to 1988	Hill, M.O.			-Withheld-	-Withheld-	D1075/001/06	LI-51[LR]	NA
<i>Blasia pusilla</i> (Common Kettlewort)	SJ2354	1971	Hill, M.O.			-Withheld-	-Withheld-	D1075/001/06	LBAP-C, LBAP-F, LI-48[LR], LI- 49[LR], LI-50[LR], LI-51[LR], LI- 52[LR]	NA
<i>Bombus hortorum</i> (Small Garden Bumblebee)	SJ218518	21/08/2002	J.B. Formstone	3 Adult		Tafarn y garth Llandegla	Method: Daytime observation	D1650/001/02	LBAP-F	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Bombus hortorum</i> (Small Garden Bumblebee)	SJ251521	19/06/2019	Comont, Richard			Mineira quarry, Wrexham	iRecord (iRecord App)	D1844/001/03	LBAP-F	NA
<i>Bombus jonellus</i> (Heath Bumblebee)	SJ252510	06/09/1991	J.B. Formstone	1 Adult		Minera moor	Method: Netted	D1650/001/02	LBAP-F	NA
<i>Bombus lapidarius</i> (Red-tailed Bumblebee)	SJ218518	21/08/2002	J.B. Formstone	2 Adult		Tafarn y garth Llandegla	2 males. Method: Daytime observation	D1650/001/02	LBAP-F	NA
<i>Bombus lapidarius</i> (Red-tailed Bumblebee)	SJ249524	29/05/2016	A.N. & J.E.Graham	1		Eisteddfod Farm, Gwynfryn		D0135/001/05	LBAP-F	NA
<i>Bombus lapidarius</i> (Red-tailed Bumblebee)	SJ253520	19/06/2019	Comont, Richard			Mineira quarry, Wrexham	iRecord (iRecord App)	D1844/001/03	LBAP-F	NA
<i>Bombus monticola</i> (Bilberry Bumblebee)	SJ2351	04/08/1998	J.B. Formstone	1 Adult		Pendinas res	Method: Netted	D1650/001/02	LBAP-F	NA
<i>Bombus monticola</i> (Bilberry Bumblebee)	SJ256522	13/06/2003	J.B. Formstone	12 Adult		Minera quarry North	Method: Daytime observation	D1650/001/02	LBAP-F	NA
<i>Bombus monticola</i> (Bilberry Bumblebee)	SJ247510	04/09/2005	J.B. Formstone	3 Adult		Aber Sychnant	Method: Daytime observation	D1650/001/02	LBAP-F	NA
<i>Bombus monticola</i> (Bilberry Bumblebee)	SJ229519 (Supplied by Original Recorder)	03/05/2018	John Lawton Roberts			Pen Dinas Park, Llandegla		D0967/015/01	LBAP-F	PC
<i>Bombus monticola</i> (Bilberry Bumblebee)	SJ252521	19/06/2019	Comont, Richard			Mineira quarry, Wrexham	iRecord (iRecord App)	D1844/001/03	LBAP-F	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Bombus pascuorum</i> (Common Carder Bee)	SJ218518	21/08/2002	J.B. Formstone	2 Adult		Tafarn y garth Llandegla	Method: Daytime observation	D1650/001/02	LBAP-F	NA
<i>Bombus pascuorum</i> (Common Carder Bee)	SJ256522	13/06/2003	J.B. Formstone	3 Adult		Minera quarry North	Method: Daytime observation	D1650/001/02	LBAP-F	NA
<i>Bombus pascuorum</i> (Common Carder Bee)	SJ249522	19/06/2019	Comont, Richard			Mineira quarry, Wrexham	iRecord (iRecord App)	D1844/001/03	LBAP-F	NA
<i>Bombus pratorum</i> (Early Bumblebee)	SJ256522	13/06/2003	J.B. Formstone	2 Adult		Minera quarry North	Method: Daytime observation	D1650/001/02	LBAP-F	NA
<i>Bombus pratorum</i> (Early Bumblebee)	SJ249522	19/06/2019	Comont, Richard			Mineira quarry, Wrexham	iRecord (iRecord App)	D1844/001/03	LBAP-F	NA
<i>Bombus terrestris</i> (Buff-tailed Bumblebee)	SJ252521	19/06/2019	Comont, Richard			Mineira quarry, Wrexham	iRecord (iRecord App)	D1844/001/03	LBAP-F	NA
<i>Botrychium lunaria</i> (Moonwort / Lloerlys)	SJ24955073 (Selected from Interactive Map)	01/06/2012	Gwyn Williams	4		Minera	Growing with Ophioglossum vulgatum	D1117/001/01	LBAP-G, LI-48[LS], LI-49[LS], LI-50[LS], LI-51[LS], LI-52[LS]	PC
<i>Botrychium lunaria</i> (Moonwort / Lloerlys)	SJ249507	01/07/2012	Gwyn Williams			Minera		D1546/001/01	LBAP-G, LI-48[LS], LI-49[LS], LI-50[LS], LI-51[LS], LI-52[LS]	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Botrychium lunaria</i> (Moonwort / Lloerlys)	SJ2552	30/06/1996	BSBI			Minera Quarry	Gwynfryn, pasture	D1169/004/02	LBAP-G, LI-48[LS], LI-49[LS], LI-50[LS], LI-51[LS], LI-52[LS]	NA
<i>Botrychium lunaria</i> (Moonwort / Lloerlys)	SJ2551	06/07/2013	Elias, D.			Hafod Farm	SJ252519. 6 plants in one place, two were large	D1169/004/02	LBAP-G, LI-48[LS], LI-49[LS], LI-50[LS], LI-51[LS], LI-52[LS]	NA
<i>Botrychium lunaria</i> (Moonwort / Lloerlys)	SJ24905264 (Supplied by Original Recorder (Checked))	01/11/1985	Dawn Gray and Janice Butler	Rare		Eisteddfod Grassland	Dried up pond. Habitat: Marshy grassland	D1239/012/01	LBAP-G, LI-48[LS], LI-49[LS], LI-50[LS], LI-51[LS], LI-52[LS]	PC
<i>Brachythecium glareosum</i> (Streaky Feather-moss)	SJ2552	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C, LI-48[EX], LI-49[LR], LI-52[LR]	NA
<i>Bromopsis ramosa</i> (Hairy-brome / Pawrwellt Blewog)	SJ256522	17/08/2014	Formstone, J.B.			Minera Quarry		D1169/004/02	LI-48[LS]	NA
<i>Bryum algovicum</i> (Drooping Thread-moss)	SJ2152	1950 to 1988	Hill, M.O.			-Withheld-	-Withheld-	D1075/001/06	LBAP-C, LI-49[LR], LI-51[EX]	NA
<i>Bryum archangelicum</i> (Small-mouthed Thread-moss)	SJ251526 (Estimated (From Recorder's Map))	04/08/1988	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	Q DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-50[LR], LI-51[LR]	NA
<i>Bryum archangelicum</i> (Small-mouthed Thread-moss)	SJ254519 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	LI-50[LR], LI-51[LR]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Bryum pallescens</i> (Tall-clustered Thread-moss)	SJ2551	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-F	NA
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ2551 (Selected from Interactive Map)	15 records, between 02/05/2009 and 15/08/2020	Paul Martin; Jim Hulse; Steven Davies; Norman Hallas; N Duggan; Neil Hughes; Justin B Williams; Mr James Hughes; Mr Steven Davies	1 Adult; 4 Juvenile; 1; 2; 2+	Reported to recorder	Esclusham mountain	Together in a party, seemed to be playing in the wind above the ridge. Adult identified by gaps in wings due to moult, juveniles by lack of.; Survey: Observer data; Birdtrack. Activity: H; BirdTrack; Birdtrack. As above; landed on post on moor; very dark, almost black phase; BirdTrack. Activity: P	D1117/001/01 , D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	Bonn2, CITES-A, LBAP-C	PC, NA, UA
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ250518 (Estimated Centroid of Site))	02/06/2018	Anon			Minera Quarry		D1823/001/01	Bonn2, CITES-A, LBAP-C	PC
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ2453	78 records, between 17/05/2005 and 25/10/2020	Julie Chicken; Kevin J Smith; Norman Hallas; Steven Davies; Mr Steven Davies	1; 2; 3; 5; 2+	Reported to recorder	Nant-y-Ffrith Reservoir	RR. Survey: Observer data; Survey: Observer data; Roving record. Survey: Observer data; timed tetrad visit in SJ25L. Survey: Observer data; Birdtrack; Birdtrack. Activity: H; Birdtrack.: Activity: H; Birdtrack.; BirdTrack; BirdTrack. Activity: H	D0062/008/01 , D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01	Bonn2, CITES-A, LBAP-C	NA, PC, UA
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ2500950881	19/05/2013	Jim Hulse	1	Reported to recorder	Ruabon Mountain, Esclusham Mountain	sj25009/50881. Survey: Observer data	D0062/008/01	Bonn2, CITES-A, LBAP-C	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ2351	23 records, between 01/04/2005 and 22/03/2020	Julie Rogers; Julie Chicken; Barry Lynes; Mike Raddcliffe; Bob Lane; Trevor Britton; David Keeling; Shelagh A Halsey; Steven Davies; Andy J Bevan; SJ Hall; Heather Cartwright; Trevor B Taylor; Dr Anne	1; 2	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; RR. Survey: Observer data; BirdTrack; Bird Track	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	Bonn2, CITES-A, LBAP-C	NA, PC, UA
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ2251	10 records, between 11/02/2006 and 11/07/2018	Kevin J Smith; Steven Davies; Norma Williams; Colin Brooks; Graham Jones	1; 2	Reported to recorder	Llandegla Forest	Survey: Observer data; BirdTrack. Activity: P; BirdTrack; Soaring over Llandegla Forest	D0062/008/01 , D1297/025/01	Bonn2, CITES-A, LBAP-C	NA, PC
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ2454	2 records, between 27/05/2008 and 19/05/2011	Ian M Spence; Steven Davies	1	Reported to recorder	Rhydtalog, E	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	Bonn2, CITES-A, LBAP-C	NA, PC
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ2152	3 records, between 10/04/2010 and 26/01/2018	Tim Ross; Steven Davies; Ian M Spence	1; 2	Reported to recorder	Moel Garegog	Survey: Observer data; BirdTrack. Activity: P	D0062/008/01 , D1297/025/01	Bonn2, CITES-A, LBAP-C	NA, PC
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ2353	3 records, between 21/03/2008 and 28/05/2012	Tim Ross; Dermot J Smith; Steven Davies	1; 2	Reported to recorder	Llandegla, Moor, NE	Survey: Observer data; BirdTrack. Activity: H	D0062/008/01 , D1297/025/01	Bonn2, CITES-A, LBAP-C	NA, PC
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ2452	05/05/2012	Ros Lane	1	Reported to recorder	Gwynfryn, W	Survey: Observer data	D0062/008/01	Bonn2, CITES-A, LBAP-C	NA
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ2350	3 records, between 19/03/2006 and 26/05/2012	Helen Conrad; Jenny Thomas; Anthony John Roberts	1; 2; 5	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data; Birdtrack	D0062/008/01 , D1297/025/01	Bonn2, CITES-A, LBAP-C	NA, PC
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ2254	3 records, between 10/04/2010 and 09/08/2014	Tim Ross; Steven Davies	7; 1; 2	Reported to recorder	Rhydtalog, W	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	Bonn2, CITES-A, LBAP-C	NA, PC
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ2354	3 records, between 23/04/2009 and 15/07/2018	Tim Ross; Steven Davies; Ian M Spence	1 Male; 2; 1	Reported to recorder	Rhydtalog	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	Bonn2, CITES-A, LBAP-C	NA, PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ2253	2 records, between 23/04/2009 and 04/05/2013	Tim Ross; Steven Davies	2+ Juvenile; 1	Reported to recorder	Moel Garegog, NE	Aggression with raven. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	Bonn2, CITES-A, LBAP-C	NA, PC
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ2550	16 records, between 31/05/2009 and 11/10/2020	Kevin J Smith; Steven Davies; Annie N Haycock; John F Jones; Duncan Halpin; DV Avis; Glenn E Morris; Heather Cartwright; Mike Wakeman; Mr Mark Breaks; Mr J Jones; Mr Nick French	1; 4; 2	Reported to recorder	Ruabon Mountain, Esclusham Mountain	Activity: H. Survey: Observer data; BirdTrack; Bird Track	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	Bonn2, CITES-A, LBAP-C	NA, PC, UA
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ2352	4 records, between 21/03/2008 and 19/05/2018	Dermot J Smith; Steven Davies; John Finnan	2; 1		Llandegla Forest, NE	Birdtrack; Birdtrack. Activity: P; BirdTrack	D1297/025/01	Bonn2, CITES-A, LBAP-C	PC
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ2250	2 records, between 15/04/2007 and 19/03/2016	Henry RA Cook; Alex Humphreys- Jones	1; 3		Llandegla Forest, S	Birdtrack; BirdTrack	D1297/025/01	Bonn2, CITES-A, LBAP-C	PC
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ2252	3 records, between 19/04/2009 and 22/07/2017	Steven Davies	2; 1		Llandegla, Moel Garegog, E	Birdtrack. Activity: H; BirdTrack	D1297/025/01	Bonn2, CITES-A, LBAP-C	PC
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ2552	7 records, between 02/05/2009 and 29/07/2019	Steven Davies; Mrs Heather Cartwright; Dr Anne Brenchley	1; 3; 2		Gwynfryn	Birdtrack. Activity: H; BirdTrack. Activity: H; BirdTrack; Bird Track; Breeding status: H	D1297/025/01 , D1297/026/01	Bonn2, CITES-A, LBAP-C	PC
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ2451	3 records, between 12/04/2015 and 23/04/2019	Barrie J Roberts; Neil Hughes; Mr James Hughes	1		Gwynfryn, SW	Bird Track; BirdTrack	D1297/025/01 , D1297/026/01	Bonn2, CITES-A, LBAP-C	PC
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ2450	3 records, between 13/03/2016 and 26/04/2017	Rob Swift; T Bowyer; Derek J Gruar	2; 1		Ruabon Mountain, Esclusham Mountain, W	BirdTrack	D1297/025/01	Bonn2, CITES-A, LBAP-C	PC
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ2151	2 records, between 17/05/2010 and 10/04/2016	Steven Davies; Rupert J Pyrah			Tafarn-y-garth	Birdtrack.. Activity: H; BirdTrack	D1297/025/01	Bonn2, CITES-A, LBAP-C	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ251520	10/04/2019	Martyn Harris	2	Field record	Minera Quarry, Denbighshire	Circling high above the quarry.	D0969/001/05	Bonn2, CITES-A, LBAP-C	UA
<i>Buteo buteo</i> (Buzzard / Bwncath)	SJ2153	20/01/2019	Mr James Shrimpton	1		Llandegla Moors (Fauxdegla Area)		D1297/027/01	Bonn2, CITES-A, LBAP-C	PC
<i>Calliargon giganteum</i> (Giant Spear- moss)	SJ2353	2 records, between 1950 and 1988	Hill, M.O.			-Withheld-	-Withheld-	D1075/001/06	LBAP-C, LBAP-F, LI-51[LR]	NA
<i>Calliargon giganteum</i> (Giant Spear- moss)	SJ2354	1973	Thomas			-Withheld-	-Withheld-	D1075/001/06	LBAP-C, LBAP-F, LI-51[LR]	NA
<i>Campyliadelphus chrysophyllus</i> (Golden Feather- moss)	SJ257522 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-C, LI- 48[LR]	NA
<i>Campyliadelphus chrysophyllus</i> (Golden Feather- moss)	SJ248524 (Estimated (From Recorder's Map))	11/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-C, LI- 48[LR]	NA
<i>Campyliadelphus chrysophyllus</i> (Golden Feather- moss)	SJ254518 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	4 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	LBAP-C, LI- 48[LR]	NA
<i>Campyliadelphus chrysophyllus</i> (Golden Feather- moss)	SJ2552	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C, LI- 48[LR]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Campyllum protensum</i>	SJ2450	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-49[LR]	NA
<i>Campyllum stellatum</i> (Yellow Starry Feather-moss)	SJ247512 (Estimated (From Recorder's Map))	05/08/1988	Peter Jackson, Jon Turner	Q DOMIN (Estimate)	Field record	Park Farm		D0820/001/02	LBAP-C	NA
<i>Campylopus fragilis</i> (Brittle Swan-neck Moss)	SJ2552	1950 to 1991	Hill, M.O.			-Withheld-	-Withheld-	D1075/001/06	LI-51[LR]	NA
<i>Carduelis carduelis</i> (Goldfinch / Nico)	SJ249519 (Estimated (Centroid of Site))	02/06/2018	Anon			Minera Quarry		D1823/001/01	Bern2, LBAP-A, LBAP-C	PC
<i>Carduelis carduelis</i> (Goldfinch / Nico)	SJ2552	9 records, between 24/01/2009 and 29/07/2019	Anon; Steven Davies; Mrs Heather Cartwright; Dr Anne Brenchley	2; 3+; 1			Occurrence ID: NBN-GA000656-BGBW2009-16440297-106429658; Birdtrack. Activity: P; Birdtrack.. Activity: B; BirdTrack; BirdTrack. Activity: P; Bird Track; Breeding status: H	D1852/002/01 , D1297/025/01 , D1297/026/01	Bern2, LBAP-A, LBAP-C	PC
<i>Carduelis carduelis</i> (Goldfinch / Nico)	SJ2351	5 records, between 10/04/2009 and 28/03/2019	Julie Chicken; Shelagh A Halsey; Steven Davies; Dr Anne Brenchley	1; 3; 10+	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; BirdTrack; Bird Track; Breeding status: H	D0062/008/01 , D1297/025/01 , D1297/026/01	Bern2, LBAP-A, LBAP-C	NA, PC
<i>Carduelis carduelis</i> (Goldfinch / Nico)	SJ2453	45 records, between 19/05/2008 and 25/10/2020	Julie Chicken; Steven Davies; Mr Steven Davies	3; 1; 2; 10+; 4; 9; 5; 2+	Reported to recorder	Nant-y-Ffrith Reservoir	timed tetrad visit in SJ25L. Survey: Observer data; Birdtrack; Birdtrack. Activity: F; Birdtrack. Activity: P; Birdtrack.. Activity: H; BirdTrack; BirdTrack. Activity: H; BirdTrack. Activity: P	D0062/008/01 , D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01	Bern2, LBAP-A, LBAP-C	NA, 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)	SJ2350	19/04/2012	Des James	3	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data	D0062/008/01	Bern2, LBAP-A, LBAP-C	NA
<i>Carduelis carduelis</i> (Goldfinch / Nico)	SJ2352	21/03/2008	Dermot J Smith	6	Reported to recorder	Llandegla Forest, NE	Survey: Observer data	D0062/008/01	Bern2, LBAP-A, LBAP-C	NA
<i>Carduelis carduelis</i> (Goldfinch / Nico)	SJ2152	2 records, between 10/04/2010 and 12/07/2012	Tim Ross; Steven Davies	4; 2	Reported to recorder	Moel Garegog	Activity: F. Survey: Observer data; BirdTrack. Activity: P	D0062/008/01 , D1297/025/01	Bern2, LBAP-A, LBAP-C	NA, PC
<i>Carduelis carduelis</i> (Goldfinch / Nico)	SJ2553	03/06/2010	Steven Davies			Bwlchgwyn, W	Birdtrack.: Activity: H	D1297/025/01	Bern2, LBAP-A, LBAP-C	PC
<i>Carduelis carduelis</i> (Goldfinch / Nico)	SJ2251	6 records, between 19/04/2009 and 02/03/2020	Steven Davies; Norma Williams; Dave Beevers; Graham Jones; Mr David Beevers	10; 2		Llandegla Forest	Birdtrack. Activity: H; BirdTrack	D1297/025/01 , D1297/039/01 , D1297/040/01	Bern2, LBAP-A, LBAP-C	PC, UA
<i>Carduelis carduelis</i> (Goldfinch / Nico)	SJ2250	2 records, between 21/05/2006 and 15/04/2007	Henry RA Cook	1		Llandegla Forest, S	Birdtrack	D1297/025/01	Bern2, LBAP-A, LBAP-C	PC
<i>Carduelis carduelis</i> (Goldfinch / Nico)	SJ2252	3 records, between 19/04/2008 and 24/03/2018	Dermot J Smith; Steven Davies	20+; 1; 2		Llandegla, Moel Garegog, E	Birdtrack. Activity: H; BirdTrack	D1297/025/01	Bern2, LBAP-A, LBAP-C	PC
<i>Carduelis carduelis</i> (Goldfinch / Nico)	SJ2451	2 records, between 21/02/2017 and 23/04/2019	Neil Hughes; Mr James Hughes	1		Gwynfryn, SW	BirdTrack	D1297/025/01 , D1297/026/01	Bern2, LBAP-A, LBAP-C	PC
<i>Carduelis carduelis</i> (Goldfinch / Nico)	SJ2452	22/03/2018	Anne Brenchley			Gwynfryn, W		D1297/025/01	Bern2, LBAP-A, LBAP-C	PC
<i>Carduelis carduelis</i> (Goldfinch / Nico)	SJ2153	12/07/2012	Steven Davies	1		Moel Garegog, N	BirdTrack. Activity: H	D1297/025/01	Bern2, LBAP-A, LBAP-C	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Carduelis carduelis</i> (Goldfinch / Nico)	SJ2354	28/05/2012	Steven Davies			Rhydtalog	BirdTrack. Activity: H	D1297/025/01	Bern2, LBAP-A, LBAP-C	PC
<i>Carduelis carduelis</i> (Goldfinch / Nico)	SJ2254	09/08/2014	Steven Davies	1		Rhydtalog, W	BirdTrack	D1297/025/01	Bern2, LBAP-A, LBAP-C	PC
<i>Carduelis carduelis</i> (Goldfinch / Nico)	SJ2551	8 records, between 14/07/2011 and 15/08/2020	Steven Davies; Mr James Hughes; Mr Steven Davies	1; 2; 3; 4		Ruabon Mountain, Esclusham Mountain, N	BirdTrack; BirdTrack. Activity: H	D1297/025/01 , D1297/026/01 , D1297/039/01	Bern2, LBAP-A, LBAP-C	PC, UA
<i>Carduelis carduelis</i> (Goldfinch / Nico)	SJ2450	27/07/2013	Steven Davies	8		Ruabon Mountain, Esclusham Mountain, W	BirdTrack	D1297/025/01	Bern2, LBAP-A, LBAP-C	PC
<i>Carduelis carduelis</i> (Goldfinch / Nico)	SJ2151	10/04/2016	Rupert J Pyrah			Tafarn-y-garth	BirdTrack	D1297/025/01	Bern2, LBAP-A, LBAP-C	PC
<i>Carduelis carduelis</i> (Goldfinch / Nico)	SJ2550	2 records, between 24/03/2019 and 02/05/2019	Mr J F Jones; Mr Mark Breaks	6		Esclusham mountains		D1297/026/01	Bern2, LBAP-A, LBAP-C	PC
<i>Carduus crispus</i> (Wetted Thistle / Ysgallen Grech)	SJ2151	08/06/2013	Shanklin, J.			Llandegla Forest		D1169/004/02	LI-48[LR], LI-52[LS]	NA
<i>Carduus nutans</i> (Musk Thistle / Ysgallen Bendrom)	SJ254518 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	LI-48[LS], LI-49[LS], LI-52[LS]	NA
<i>Carduus nutans</i> (Musk Thistle / Ysgallen Bendrom)	SJ252516 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	1 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	LI-48[LS], LI-49[LS], LI-52[LS]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Carduus nutans</i> (Musk Thistle / Ysgallen Bendrom)	SJ2551	30/07/2011	Shanklin, J.			Hafod Farm		D1169/004/02	LI-48[LS], LI-49[LS], LI-52[LS]	NA
<i>Carduus nutans</i> (Musk Thistle / Ysgallen Bendrom)	SJ250524 (Estimated (Centroid of Site))	01/11/1985	Dawn Gray and Janice Butler	Frequent/Occasional		Eisteddfod Grassland	Habitat: Unimproved calcareous grassland	D1239/012/01	LI-48[LS], LI-49[LS], LI-52[LS]	PC
<i>Carduus nutans</i> (Musk Thistle / Ysgallen Bendrom)	SJ247516 (Estimated (Centroid of Site))	3 records, all on 30/10/1985	Janice Butler and Dawn Gray	Frequent/Occasional		Aber Sychnant Grassland	Habitat: unimproved acid grassland; Habitat: unimproved basic grassland; Habitat: dry heath/grassland mosaic (basic)	D1239/012/01	LI-48[LS], LI-49[LS], LI-52[LS]	PC
<i>Carex canescens</i> (White Sedge / Hesgen Benwen)	SJ222530 (Selected from Interactive Map)	06/08/2011	Emily Meilleur & recording group			Duck Pond, Moel Garegog, Llandegla	Bog by pond	D1274/001/01	LI-51[LR], LI-52[LS]	KC
<i>Carex canescens</i> (White Sedge / Hesgen Benwen)	SJ2450	30/07/2011	Shanklin, J.			Esclusham Mountain		D1169/004/02	LI-51[LR], LI-52[LS]	NA
<i>Carex canescens</i> (White Sedge / Hesgen Benwen)	SJ250507	21/06/2015	Formstone, J.B.	1		Esclusham Mountain	Edge of Mine Pool	D1169/004/02	LI-51[LR], LI-52[LS]	NA
<i>Carex muricata</i> <i>subsp. muricata</i> (Large-fruited Prickly-sedge / Hesgen Bigog Gynnar)	SJ256521 (Approximate)	2000	Anon			Ruabon / Llantysilio mountains and minera, Minera Quarry		D0821/001/01	LI-50[LR], RDB-NR, RL-NT	NA
<i>Carex pilulifera</i> (Pill Sedge / Hesgen Bengron)	SJ220528 (Selected from Interactive Map)	06/08/2011	Emily Meilleur & recording group			Moel Garegog, Llandegla	Heathland	D1274/001/01	LI-51[LS]	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Carex pilulifera</i> (Pill Sedge / Hesgen Bengron)	SJ252517 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	LI-51[LS]	NA
<i>Carex pilulifera</i> (Pill Sedge / Hesgen Bengron)	SJ2351	26/05/2016	Stead, M.O.			Llandegla Forest		D1169/004/02	LI-51[LS]	NA
<i>Carex viridula</i> subsp. <i>brachyrrhyncha</i> (Long-stalked Yellow-sedge)	SJ247516 (Estimated (Centroid of Site))	30/10/1985	Janice Butler and Dawn Gray	Locally Abundant		Aber Sychnant Grassland	Habitat: Marshy grassland	D1239/012/01	LI-49[LS], LI- 51[LS]	PC
<i>Celastrina</i> <i>argiolus</i> (Holly Blue / Glesyn Celyn)	SJ2454 (Estimated (Centroid of Site))	25/05/1998	Jean Hughes	1		SE of Rhydtalog	Breeding: No. Mature: Yes. Record type: Field record / observation	D0127/001/02	LBAP-C	NA
<i>Celastrina</i> <i>argiolus</i> (Holly Blue / Glesyn Celyn)	SJ255521	05/05/2017	Andrew & Janet Graham	2+		Eisteddfod Farm, Gwynfryn		D1858/001/02	LBAP-C	NA
<i>Celastrina</i> <i>argiolus</i> (Holly Blue / Glesyn Celyn)	SJ257521	2 records, between 19/07/2018 and 02/08/2018	Andrew & Janet Graham	1		Eisteddfod Farm, Gwynfryn		D1858/001/02	LBAP-C	NA
<i>Celastrina</i> <i>argiolus</i> (Holly Blue / Glesyn Celyn)	SJ252522	19/07/2006	Rob W Whitehead	1 Adult		Minera Quarry, Gwynfryn	Quarry: disused	D1373/001/05	LBAP-C	NA
<i>Celastrina</i> <i>argiolus</i> (Holly Blue / Glesyn Celyn)	SJ250524	4 records, between 22/04/2017 and 19/07/2018	A.N & J.E. Graham; A.N. & J.E. Graham	1 Adult; 2 Adult		Minera Quarry, Eisteddfod Farm	Quarry: disused	D1373/001/05	LBAP-C	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)	SJ2354	1971	Hill, M.O.			-Withheld-	-Withheld-	D1075/001/06	LI-51[LR], LI-52[LR]	NA
<i>Cephaloziella divaricata</i> (Common Threadwort)	SJ2450	22/09/1996	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-51[LR]	NA
<i>Cephaloziella divaricata</i> (Common Threadwort)	SJ2552	1912	Jones, D.A.			-Withheld-	-Withheld-	D1075/001/06	LI-51[LR]	NA
<i>Cephaloziella hampeana</i> (Hampe's Threadwort)	SJ2353	1972	Hill, M.O.			-Withheld-	-Withheld-	D1075/001/06	LI-51[LR]	NA
<i>Certhia familiaris</i> (Treetreeper / Dringwr Bach)	SJ2353	09/12/2005	Julie Rogers	1	Reported to recorder	Llandegla Forest, NE	Survey: Observer data	D0062/008/01	Bern2, LBAP-C	NA
<i>Certhia familiaris</i> (Treetreeper / Dringwr Bach)	SJ2553	19/07/2007	Steven Davies	1	Reported to recorder	Bwlchgwyn, W	Survey: Observer data	D0062/008/01	Bern2, LBAP-C	NA
<i>Certhia familiaris</i> (Treetreeper / Dringwr Bach)	SJ2351	6 records, between 04/05/2008 and 20/03/2016	Julie Rogers; Jenny Thomas; David Richardson; Stephen Mcavoy; Steven Davies; SJ Hall	1; 2	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; Birdtrack; Bird Track; BirdTrack	D0062/008/01 , D1297/025/01	Bern2, LBAP-C	NA, PC
<i>Certhia familiaris</i> (Treetreeper / Dringwr Bach)	SJ2251	30/04/2017	Norma Williams			Llandegla Forest	BirdTrack	D1297/025/01	Bern2, LBAP-C	PC
<i>Certhia familiaris</i> (Treetreeper / Dringwr Bach)	SJ2250	11/10/2016	Samuel El Jones	1		Llandegla Forest, S	BirdTrack	D1297/025/01	Bern2, LBAP-C	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Certhia familiaris</i> (Treetreeper / Dringwr Bach)	SJ2252	07/05/2008	Dermot J Smith	1		Llandegla, Moel Garegog, E	Birdtrack. Activity: S	D1297/025/01	Bern2, LBAP-C	PC
<i>Certhia familiaris</i> (Treetreeper / Dringwr Bach)	SJ2552	2 records, between 02/05/2009 and 30/05/2019	Steven Davies; Dr Anne Brenchley	1		Gwynfryn	Birdtrack. Activity: H; Breeding status: S	D1297/025/01 , D1297/026/01	Bern2, LBAP-C	PC
<i>Certhia familiaris</i> (Treetreeper / Dringwr Bach)	SJ2550	3 records, between 08/01/2016 and 02/05/2019	John F Jones; Mr J F Jones	1		Ruabon Mountain, Esclusham Mountain	BirdTrack	D1297/025/01 , D1297/026/01	Bern2, LBAP-C	PC
<i>Certhia familiaris</i> (Treetreeper / Dringwr Bach)	SJ2450	05/04/2014	Rob Swift			Ruabon Mountain, Esclusham Mountain, W	BirdTrack	D1297/025/01	Bern2, LBAP-C	PC
<i>Certhia familiaris</i> (Treetreeper / Dringwr Bach)	SJ23525216 (Selected from Interactive Map)	19/11/2020	Thomas Hiles	1		Llandegla Forest	Part of a flock of small birds feeding on Larch Trees at around Midday.	D1117/001/01	Bern2, LBAP-C	UA
<i>Cladium mariscus</i> (Great Fen-sedge / Corsfrwynen Lem)	SJ23995239	28/07/2011	Shanklin, J.			Llandegla Forest	Planted ?	D1169/004/02	LBAP-G, LI-49[LR]	NA
<i>Cladium mariscus</i> (Great Fen-sedge / Corsfrwynen Lem)	SJ2352	28/07/2011	Shanklin, J.			Casgan Dittw	SJ23995239. Planted? To be confirmed	D1169/004/02	LBAP-G, LI-49[LR]	NA
<i>Climacium dendroides</i> (Tree-moss)	SJ2551	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C	NA
<i>Climacium dendroides</i> (Tree-moss)	SJ2552	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Climacium dendroides</i> (Tree-moss)	SJ2450	22/09/1996	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C	NA
<i>Climacium dendroides</i> (Tree-moss)	SJ2550	22/09/1996	Hodgetts, N.G.			-Withheld-	-Withheld-	D1075/001/06	LBAP-C	NA
<i>Coeloglossum viride</i> (Frog Orchid / Tegeirian y Broga)	SJ2551	06/07/2013	Elias, D.			Hafod Farm	SJ252519: >100, one extensive patch of 60+	D1169/004/02	BAP, LBAP-A, LI-48[LR], LI-49[LR], LI-50[LS], LI-52[LR], RL-VU, S7	NA
<i>Coeloglossum viride</i> (Frog Orchid / Tegeirian y Broga)	SJ253522	03/08/2016	Williams, D.			Minera Quarry	Open limestone grassland. Scattered occasionally	D1169/004/02	BAP, LBAP-A, LI-48[LR], LI-49[LR], LI-50[LS], LI-52[LR], RL-VU, S7	NA
<i>Coeloglossum viride</i> (Frog Orchid / Tegeirian y Broga)	SJ25175267 (Supplied by Original Recorder (Checked))	01/11/1985	Dawn Gray and Janice Butler	Rare		Eisteddfod Grassland	Habitat: Unimproved calcareous grassland	D1239/012/01	BAP, LBAP-A, LI-48[LR], LI-49[LR], LI-50[LS], LI-52[LR], RL-VU, S7	PC
<i>Coenagrion puella</i> (Azure Damselfly / Mursen Las Asur)	SJ223532 (Estimated Centroid of Site)	2 records, both on 29/06/1975	Wallace, ID; Ian D. Wallace	Present adult		Moel Garegog		D0158/003/01 , D1295/001/04	LBAP-S	PC, NA
<i>Coenagrion puella</i> (Azure Damselfly / Mursen Las Asur)	SJ25205220 (Selected from Interactive Map)	29/06/2019	Susan Loose	24 Adult; 6 Copulating	Live Sighting	Minera quarry		D1117/001/01	LBAP-S	KC
<i>Columba oenas</i> (Stock Dove / Colomen Wyllt)	SJ2454	2 records, both on 17/06/2013	Ian M Spence	1; 1 Nestling	Reported to recorder	Near Rhydtalog	Ringed records.; Ringed. Survey: Ringing data	D1509/002/01 , D2012/002/01	BDir2.2, LBAP-G, UKBA	NA
<i>Columba oenas</i> (Stock Dove / Colomen Wyllt)	SJ2552	4 records, between 17/02/2006 and 03/08/2014	Steven Davies; Julie Chicken	2; 1	Reported to recorder	Gwynfryn	in Minera Quarry. Survey: Observer data; Survey: Observer data; Birdtrack. Activity: H; BirdTrack	D0062/008/01 , D1297/025/01	BDir2.2, LBAP-G, UKBA	NA, PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Columba oenas</i> (Stock Dove / Colomen Wyllt)	SJ2251	15/06/2017	Norma Williams	3		Llandegla Forest	BirdTrack	D1297/025/01	BDir2.2, LBAP-G, UKBA	PC
<i>Columba oenas</i> (Stock Dove / Colomen Wyllt)	SJ2352	19/05/2018	John Finnan			Llandegla Forest, NE		D1297/025/01	BDir2.2, LBAP-G, UKBA	PC
<i>Columba oenas</i> (Stock Dove / Colomen Wyllt)	SJ2453	3 records, between 07/07/2012 and 30/08/2020	Steven Davies; Mr Steven Davies	1		Nant-y-Ffrith Reservoir	BirdTrack. Activity: H	D1297/025/01 , D1297/039/01 , D1297/040/01	BDir2.2, LBAP-G, UKBA	PC, UA
<i>Columba oenas</i> (Stock Dove / Colomen Wyllt)	SJ2551	5 records, between 02/05/2009 and 15/08/2020	Steven Davies; Mr Steven Davies	4; 1; 3; 2		Ruabon Mountain, Esclusham Mountain, N	Birdtrack. Activity: D; Birdtrack.: Activity: F; BirdTrack	D1297/025/01 , D1297/026/01 , D1297/039/01	BDir2.2, LBAP-G, UKBA	PC, UA
<i>Convallaria majalis</i> (Lily-of-the-valley / Lili'r Dyffrynnoedd)	SJ25565227	20/07/2005	Lawton Roberts, J.			Minera Quarry	SJ25569.52272. Minera Quarry, sloping wood, shown by Jean Green	D1169/004/02	LI-49[LR], LI-50[LR], LI-51[LR]	NA
<i>Corvus corax</i> (Raven / Cigfran)	SJ254525	08/08/1997	Emily Meilleur			Eisteddfod Grasslands		D0229/002/01	LBAP-C	PC
<i>Corvus corax</i> (Raven / Cigfran)	SJ2450 (Selected from Interactive Map)	9 records, between 25/05/2013 and 15/11/2016	Paul Martin; MJ Wheeler; Tony G Jackson; Rob Swift; Andy J Bevan; Gareth M Blockley; Ifor Jones	4 Adult; 2; 6; 1		Esclusham mountain	2 pairs, calling and performing bonding flights. One pair also seen carrying nesting material.; BirdTrack; Bird Track	D1117/001/01 , D1297/025/01	LBAP-C	PC
<i>Corvus corax</i> (Raven / Cigfran)	SJ250507	06/06/2015	Mr N French	1		Worlds End		D1297/020/01	LBAP-C	PC
<i>Corvus corax</i> (Raven / Cigfran)	SJ250518 (Estimated Centroid of Site)	02/06/2018	Anon			Minera Quarry		D1823/001/01	LBAP-C	PC
<i>Corvus corax</i> (Raven / Cigfran)	SJ2253	2 records, between 21/03/2008 and 23/04/2009	Tim Ross; Dermot J Smith	1	Reported to recorder	Moel Garegog, NE	Aggression with buzzard. Survey: Observer data; Birdtrack	D0062/008/01 , D1297/025/01	LBAP-C	NA, PC

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<i>Corvus corax</i> (Raven / Cigfran)	SJ2351	16 records, between 01/04/2005 and 22/03/2020	Julie Chicken; Julie Rogers; Barry Lynes; David Richardson; Steven Davies; David Keeling; Edward Jones; Peter A Sketch; SJ Hall; Heather Cartwright; Dr Anne Brenchley; Mr Steven Davies	1; 2; 8; 3; 5	Reported to recorder	Pendinas, Reservoir	Roving record. Survey: Observer data; Survey: Observer data; Birdtrack. Activity: F; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	LBAP-C	NA, PC, UA
<i>Corvus corax</i> (Raven / Cigfran)	SJ2453	17 records, between 17/05/2005 and 26/12/2016	Julie Chicken; Kevin J Smith; Steven Davies; John Rushton	1; 2; 7; 3; 6	Reported to recorder	Nant-y-Ffrith Reservoir	Roving record. Survey: Observer data; Survey: Observer data; RR. Survey: Observer data; timed tetrad visit in SJ25L. Survey: Observer data; Birdtrack. Activity: H; Birdtrack.; BirdTrack	D0062/008/01 , D1297/025/01	LBAP-C	NA, PC
<i>Corvus corax</i> (Raven / Cigfran)	SJ2353	2 records, between 21/03/2008 and 01/02/2009	Dermot J Smith	1; 4	Reported to recorder	Llandegla, Moor, NE	Survey: Observer data	D0062/008/01	LBAP-C	NA
<i>Corvus corax</i> (Raven / Cigfran)	SJ2254	2 records, between 05/04/2010 and 09/08/2014	Kevin J Smith; Steven Davies	1; 2	Reported to recorder	Rhydtalog, W	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	LBAP-C	NA, PC
<i>Corvus corax</i> (Raven / Cigfran)	SJ2350	2 records, between 01/04/2012 and 27/07/2013	Julie Chicken; Steven Davies	1; 2	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data; BirdTrack. Activity: P	D0062/008/01 , D1297/025/01	LBAP-C	NA, PC
<i>Corvus corax</i> (Raven / Cigfran)	SJ2452	2 records, between 28/02/2011 and 05/05/2012	Ros Lane; Steven Davies	1; 3	Reported to recorder	Gwynfryn, W	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	LBAP-C	NA, PC
<i>Corvus corax</i> (Raven / Cigfran)	SJ2251	4 records, between 03/04/2005 and 11/07/2018	Kevin J Smith; Steven Davies; Norma Williams; Graham Jones	2; 1	Reported to recorder	Llandegla Forest	Survey: Observer data; BirdTrack. Activity: P; BirdTrack	D0062/008/01 , D1297/025/01	LBAP-C	NA, PC
<i>Corvus corax</i> (Raven / Cigfran)	SJ2551	11 records, between 25/02/2009 and 23/04/2019	Julie Chicken; Steven Davies; Neil Hughes; Dave Beevers; Justin B Williams; Mr James Hughes	2; 1; 3; 15	Reported to recorder	Ruabon Mountain, Esclusham Mountain, N	Survey: Observer data; Birdtrack. Activity: P; Birdtrack.. Activity: F; BirdTrack; BirdTrack. Activity: H; BirdTrack. Activity: P	D0062/008/01 , D1297/025/01 , D1297/026/01	LBAP-C	NA, PC
<i>Corvus corax</i> (Raven / Cigfran)	SJ2250	2 records, between 05/10/2014 and 18/11/2018	Keith Davies; Thibaut Mathieu	5; 4	Reported to recorder	Llandegla Forest, S	Survey: Observer data	D0062/008/01 , D1297/025/01	LBAP-C	NA, PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Corvus corax</i> (Raven / Cigfran)	SJ2553	2 records, between 03/06/2010 and 05/05/2013	Steven Davies	1		Bwlchgwyn, W	Birdtrack.: Activity: F; BirdTrack. Activity: F	D1297/025/01	LBAP-C	PC
<i>Corvus corax</i> (Raven / Cigfran)	SJ2352	19/04/2008	Dermot J Smith	2		Llandegla Forest, NE	Birdtrack. Activity: P	D1297/025/01	LBAP-C	PC
<i>Corvus corax</i> (Raven / Cigfran)	SJ2252	04/04/2015	Steven Davies	1		Llandegla, Moel Garegog, E	BirdTrack	D1297/025/01	LBAP-C	PC
<i>Corvus corax</i> (Raven / Cigfran)	SJ2552	5 records, between 26/06/2010 and 29/07/2019	Steven Davies; Mrs Heather Cartwright	3; 5; 1		Gwynfryn	Birdtrack.: Activity: H; BirdTrack. Activity: H; BirdTrack; Bird Track	D1297/025/01 , D1297/026/01	LBAP-C	PC
<i>Corvus corax</i> (Raven / Cigfran)	SJ2152	04/05/2013	Steven Davies	1		Moel Garegog	BirdTrack	D1297/025/01	LBAP-C	PC
<i>Corvus corax</i> (Raven / Cigfran)	SJ2153	6 records, between 28/04/2010 and 03/01/2020	Steven Davies; Mr James Shrimpton	1; 2; 4		Moel Garegog, N	Birdtrack.: Activity: H	D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01	LBAP-C	PC, UA
<i>Corvus corax</i> (Raven / Cigfran)	SJ2454	2 records, between 25/06/2009 and 22/07/2018	Steven Davies	1		Rhydtalog, E	Birdtrack. Activity: F	D1297/025/01	LBAP-C	PC
<i>Corvus corax</i> (Raven / Cigfran)	SJ2550	18 records, between 09/03/2014 and 11/10/2020	Mark T Breaks; Kevin J Smith; John F Jones; Duncan Halpin; Glenn E Morris; Steven Davies; Mr J F Jones; Mr Mark Breaks; Mr David Winnard; Mr J Jones; Mr James Shrimpton; Mr Nick French	4; 2; 3; 1; 5; 7		Ruabon Mountain, Esclusham Mountain	BirdTrack; Bird Track	D1297/025/01 , D1297/026/01 , D1297/039/01	LBAP-C	PC, UA
<i>Corvus corax</i> (Raven / Cigfran)	SJ2151	10/04/2016	Rupert J Pyrah	1		Tafarn-y-garth	BirdTrack	D1297/025/01	LBAP-C	PC
<i>Corvus corax</i> (Raven / Cigfran)	SJ2451	23/04/2019	Mr James Hughes	1		Gwynfryn, SW		D1297/026/01	LBAP-C	PC
<i>Cruciata laevipes</i> (Crosswort / Llysiau'r Groes)	SJ2352	25/04/2011	Shanklin, J.			Casgan Dittw		D1169/004/02	LBAP-G, LI-49[LS], LI-52[LS]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Cruciata laevipes</i> (Crosswort / Llysiau'r Groes)	SJ255522	03/08/2016	Williams, D.			Minera Quarry		D1169/004/02	LBAP-G, LI-49[LS], LI-52[LS]	NA
<i>Cruciata laevipes</i> (Crosswort / Llysiau'r Groes)	SJ250524 (Estimated (Centroid of Site))	01/11/1985	Dawn Gray and Janice Butler	Rare		Eisteddfod Grassland	Habitat: Unimproved calcareous grassland	D1239/012/01	LBAP-G, LI-49[LS], LI-52[LS]	PC
<i>Cruciata laevipes</i> (Crosswort / Llysiau'r Groes)	SJ250520 (Estimated (Centroid of Site))	02/06/2018	Geoff Radford			Minera Quarry		D1823/002/01	LBAP-G, LI-49[LS], LI-52[LS]	PC
<i>Cruciata laevipes</i> (Crosswort / Llysiau'r Groes)	SJ2553	16/11/2018	Jonathan D Shanklin			Coed Pen-y-nant		D1587/026/01	LBAP-G, LI-49[LS], LI-52[LS]	PC
<i>Ctenidium molluscum</i> (Chalk Comb- moss)	SJ254524 (Estimated (From Recorder's Map))	04/08/1988	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	Q DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-C	NA
<i>Ctenidium molluscum</i> (Chalk Comb- moss)	SJ251526 (Estimated (From Recorder's Map))	04/08/1988	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	Q DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-C	NA
<i>Ctenidium molluscum</i> (Chalk Comb- moss)	SJ250524 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-C	NA
<i>Ctenidium molluscum</i> (Chalk Comb- moss)	SJ256523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	5 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-C	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Ctenidium molluscum</i> (Chalk Comb-moss)	SJ249523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	4 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-C	NA
<i>Ctenidium molluscum</i> (Chalk Comb-moss)	SJ249525 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-C	NA
<i>Ctenidium molluscum</i> (Chalk Comb-moss)	SJ254523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	7 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-C	NA
<i>Ctenidium molluscum</i> (Chalk Comb-moss)	SJ248524 (Estimated (From Recorder's Map))	11/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	4 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-C	NA
<i>Ctenidium molluscum</i> (Chalk Comb-moss)	SJ247512 (Estimated (From Recorder's Map))	05/08/1988	Peter Jackson, Jon Turner	Q DOMIN (Estimate)	Field record	Park Farm		D0820/001/02	LBAP-C	NA
<i>Ctenidium molluscum</i> (Chalk Comb-moss)	SJ252517 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	LBAP-C	NA
<i>Ctenidium molluscum</i> (Chalk Comb-moss)	SJ253518 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	5 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	LBAP-C	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Ctenidium molluscum</i> (Chalk Comb-moss)	SJ254519 (Estimated (From Recorder's Map))	2 records, both on 12/09/1996	Dan Guest, Stuart Smith	5 DOMIN (Estimate); 7 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	LBAP-C	NA
<i>Ctenidium molluscum</i> (Chalk Comb-moss)	SJ252516 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	LBAP-C	NA
<i>Ctenidium molluscum</i> (Chalk Comb-moss)	SJ254518 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	LBAP-C	NA
<i>Ctenidium molluscum</i> (Chalk Comb-moss)	SJ248525 (Estimated (From Recorder's Map))	04/08/1988	Anon	Q DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-C	NA
<i>Ctenidium molluscum</i> (Chalk Comb-moss)	SJ250520 (Estimated (Centroid of Site))	02/06/2018	Geoff Radford			Minera Quarry		D1823/002/01	LBAP-C	PC
<i>Ctenidium molluscum</i> (Chalk Comb-moss)	SJ2450	2 records, between 22/09/1996 and 05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C	NA
<i>Ctenidium molluscum</i> (Chalk Comb-moss)	SJ2550	22/09/1996	Hodgetts, N.G.			-Withheld-	-Withheld-	D1075/001/06	LBAP-C	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Ctenidium molluscum</i> (Chalk Comb-moss)	SJ2551	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C	NA
<i>Ctenidium molluscum</i> (Chalk Comb-moss)	SJ2552	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C	NA
<i>Ctenidium molluscum</i> (Chalk Comb-moss)	SJ247517	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C	NA
<i>Cyanistes caeruleus</i> (Blue Tit / Penloyn)	SJ247516 (Estimated (Centroid of Site))	30/10/1985	Janice Butler and Dawn Gray			Aber Sychnant Grassland		D1239/012/01	Bern2, LBAP-C	PC
<i>Cyanistes caeruleus</i> (Blue Tit / Penloyn)	SJ2453	82 records, between 19/03/2002 and 25/10/2020	Anon; Julie Chicken; Steven Davies; John Rushton; Mr Steven Davies	6; 2; 1; 3; 4; 2+; 3+	Reported to recorder		Occurrence ID: NBN-GA000656-BGBW2009-16439822-105742706; Survey: Observer data; Birdtrack; Birdtrack. Activity: H; Birdtrack.; Birdtrack.: Activity: H; Birdtrack.: Activity: FL; BirdTrack; BirdTrack. Activity: H; BirdTrack. Activity: FL	D1852/002/01 , D0062/008/01 , D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01 , D1297/041/01	Bern2, LBAP-C	PC, NA, UA
<i>Cyanistes caeruleus</i> (Blue Tit / Penloyn)	SJ2252	4 records, between 24/01/2009 and 04/04/2015	Anon; Steven Davies	1			Occurrence ID: NBN-GA000656-BGBW2009-16438467-105742490; BirdTrack	D1852/002/01 , D1297/025/01	Bern2, LBAP-C	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Cyanistes caeruleus</i> (Blue Tit / Penloyn)	SJ2553	2 records, between 24/01/2009 and 29/06/2011	Anon; Steven Davies	1			Occurrence ID: NBN-GA000656-BGBW2009-16440250-105744275; BirdTrack	D1852/002/01 , D1297/025/01	Bern2, LBAP-C	PC
<i>Cyanistes caeruleus</i> (Blue Tit / Penloyn)	SJ2552	7 records, between 24/01/2009 and 29/07/2019	Anon; Steven Davies; Mrs Heather Cartwright; Dr Anne Brenchley	1; 3			Occurrence ID: NBN-GA000656-BGBW2009-16440297-105743994; Birdtrack. Activity: H; BirdTrack. Activity: FL; Bird Track; BirdTrack; Breeding status: FL	D1852/002/01 , D1297/025/01 , D1297/026/01	Bern2, LBAP-C	PC
<i>Cyanistes caeruleus</i> (Blue Tit / Penloyn)	SJ2551	8 records, between 23/07/2009 and 20/06/2020	Julie Chicken; Steven Davies; N Duggan; Neil Hughes; Dave Beevers; Dr Anne Brenchley; Mr Justin Williams; Mr Steven Davies	1; 2	Reported to recorder	Ruabon Mountain, Esclusham Mountain, N	Survey: Observer data; BirdTrack. Activity: FL; BirdTrack; Breeding status: P	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	Bern2, LBAP-C	NA, PC, UA
<i>Cyanistes caeruleus</i> (Blue Tit / Penloyn)	SJ2351	15 records, between 01/04/2005 and 23/07/2017	Julie Chicken; Helen Conrad; Mike Radcliffe; David Richardson; Julie Rogers; Stephen Mcavoy; Steven Davies; John Marchant; Andy J Bevan; SJ Hall; Heather Cartwright	1; 2; 3	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; Birdtrack; BirdTrack. Activity: FL; Bird Track; BirdTrack	D0062/008/01 , D1297/025/01	Bern2, LBAP-C	NA, PC
<i>Cyanistes caeruleus</i> (Blue Tit / Penloyn)	SJ2452	5 records, between 26/06/2010 and 13/06/2012	Des James; Julie Chicken; Steven Davies; Ray Eades	1	Reported to recorder	Gwynfryn, W	Survey: Observer data; Birdtrack.. Activity: H; BirdTrack	D0062/008/01 , D1297/025/01	Bern2, LBAP-C	NA, PC
<i>Cyanistes caeruleus</i> (Blue Tit / Penloyn)	SJ2251	3 records, between 19/04/2009 and 11/07/2018	Steven Davies; Norma Williams; Graham Jones	1		Llandegla Forest	Birdtrack. Activity: S; BirdTrack	D1297/025/01	Bern2, LBAP-C	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Cyanistes caeruleus</i> (Blue Tit / Penloyn)	SJ2352	21/03/2008	Dermot J Smith			Llandegla Forest, NE	Birdtrack	D1297/025/01	Bern2, LBAP-C	PC
<i>Cyanistes caeruleus</i> (Blue Tit / Penloyn)	SJ2250	21/05/2006	Henry RA Cook	2		Llandegla Forest, S	Birdtrack	D1297/025/01	Bern2, LBAP-C	PC
<i>Cyanistes caeruleus</i> (Blue Tit / Penloyn)	SJ2451	21/02/2017	Neil Hughes	1		Gwynfryn, SW	BirdTrack	D1297/025/01	Bern2, LBAP-C	PC
<i>Cyanistes caeruleus</i> (Blue Tit / Penloyn)	SJ2152	04/05/2013	Steven Davies	1		Moel Garegog	BirdTrack	D1297/025/01	Bern2, LBAP-C	PC
<i>Cyanistes caeruleus</i> (Blue Tit / Penloyn)	SJ2153	28/04/2010	Steven Davies	3		Moel Garegog, N	Birdtrack.: Activity: H	D1297/025/01	Bern2, LBAP-C	PC
<i>Cyanistes caeruleus</i> (Blue Tit / Penloyn)	SJ2354	2 records, between 20/04/2009 and 04/05/2013	Steven Davies	2		Rhydtalog	Birdtrack. Activity: H; BirdTrack. Activity: P	D1297/025/01	Bern2, LBAP-C	PC
<i>Cyanistes caeruleus</i> (Blue Tit / Penloyn)	SJ2454	21/01/2011	Steven Davies	1		Rhydtalog, E	BirdTrack	D1297/025/01	Bern2, LBAP-C	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Cyanistes caeruleus</i> (Blue Tit / Penloyn)	SJ2550	7 records, between 08/01/2016 and 03/08/2020	John F Jones; Mr J F Jones; Mr J Jones	7; 4; 8		Ruabon Mountain, Esclusham Mountain	BirdTrack	D1297/025/01 , D1297/026/01 , D1297/039/01	Bern2, LBAP-C	PC, UA
<i>Cyanistes caeruleus</i> (Blue Tit / Penloyn)	SJ2450	13/03/2016	T Bowyer			Ruabon Mountain, Esclusham Mountain, W	BirdTrack	D1297/025/01	Bern2, LBAP-C	PC
<i>Cyanistes caeruleus</i> (Blue Tit / Penloyn)	SJ2151	2 records, between 17/05/2010 and 10/04/2016	Steven Davies; Rupert J Pyrah			Tafarn-y-garth	Birdtrack.: Activity: H; BirdTrack	D1297/025/01	Bern2, LBAP-C	PC
<i>Cyanistes caeruleus</i> (Blue Tit / Penloyn)	SJ257523	27/09/2012	Martyn Harris		Field record	Gwynfryn, near Minera, Denbighshire	A few.	D0969/001/05	Bern2, LBAP-C	PC
<i>Cynodontium bruntonii</i> (Brunton's Dog-tooth)	SJ2552	1950 to 1991	Hill, M.O.			-Withheld-	-Withheld-	D1075/001/06	LI-52[LR]	NA
<i>Cystopteris fragilis</i> (Brittle Bladder-fern / Ffiolredynen Frau)	SJ2552	15/08/2003	Whild, Dr S.J.			Minera Quarry		D1169/004/02	LI-48[LS]	NA
<i>Dactylorhiza purpurella</i> (Northern Marsh-orchid / Tegeirian-y-Gors Gogleddol)	SJ256518	2 records, between 27/06/2006 and 30/06/2020	Lawton Roberts, J.; Nigel Hughes	2 Flowering		Hafod Farm	Mound S of Hoffman's Kiln	D1169/004/02 , D1117/001/01	BAP, LI-50[LS], LI-51[LS], RDB-NR, RL-DD, S7	NA, PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Dactylorhiza purpurella</i> (Northern Marsh-orchid / Tegeirian-y-Gors Gogleddol)	SJ2551	06/07/2013	Elias, D.			Hafod Farm	SJ252519	D1169/004/02	BAP, LI-50[LS], LI-51[LS], RDB-NR, RL-DD, S7	NA
<i>Dactylorhiza purpurella</i> (Northern Marsh-orchid / Tegeirian-y-Gors Gogleddol)	SJ24905264 (Supplied by Original Recorder (Checked))	01/11/1985	Dawn Gray and Janice Butler	Rare		Eisteddfod Grassland	Dried up pond. Habitat: Marshy grassland	D1239/012/01	BAP, LI-50[LS], LI-51[LS], RDB-NR, RL-DD, S7	PC
<i>Dama dama</i> (Fallow Deer / Danas)	SJ253517	19/12/2018	A.N. & J.E.Graham	1		Minera Quarry	All white. One individual seen. (Two seen on other occasions)	D0135/018/01	Bern3, GBNSIP, LBAP-C	PC
<i>Dendrocopos major</i> (Great Spotted Woodpecker / Cnocell Fraith Fwyaf)	SJ247516 (Estimated (Centroid of Site))	30/10/1985	Janice Butler and Dawn Gray			Aber Sychnant Grassland		D1239/012/01	Bern2, LBAP-C	PC
<i>Dendrocopos major</i> (Great Spotted Woodpecker / Cnocell Fraith Fwyaf)	SJ257520 (Estimated (Centroid of Site))	02/06/2018	Anon			Minera Quarry		D1823/001/01	Bern2, LBAP-C	PC
<i>Dendrocopos major</i> (Great Spotted Woodpecker / Cnocell Fraith Fwyaf)	SJ2553	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656-BGBW2009-16440250-106429754	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>Dendrocopos major</i> (Great Spotted Woodpecker / Cnocell Fraith Fwyaf)	SJ2452	3 records, between 21/07/2004 and 05/05/2012	Kevin J Smith; Ros Lane; Steven Davies	1	Reported to recorder	Gwynfryn, W	Calling. Survey: Observer data; Survey: Observer data; Birdtrack.. Activity: H	D0062/008/01 , D1297/025/01	Bern2, LBAP-C	NA, PC
<i>Dendrocopos major</i> (Great Spotted Woodpecker / Cnocell Fraith Fwyaf)	SJ2351	3 records, between 09/12/2005 and 05/07/2019	Julie Rogers; John Marchant; Mr T Taylor	1; 2	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; Bird Track	D0062/008/01 , D1297/025/01 , D1297/026/01	Bern2, LBAP-C	NA, PC
<i>Dendrocopos major</i> (Great Spotted Woodpecker / Cnocell Fraith Fwyaf)	SJ2552	13/12/2007	Julie Chicken	1	Reported to recorder	Gwynfryn	Survey: Observer data	D0062/008/01	Bern2, LBAP-C	NA
<i>Dendrocopos major</i> (Great Spotted Woodpecker / Cnocell Fraith Fwyaf)	SJ2453	19 records, between 05/04/2007 and 25/10/2020	Steven Davies; John Rushton; Mr Steven Davies	1; 2	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01	Bern2, LBAP-C	NA, PC, UA
<i>Dendrocopos major</i> (Great Spotted Woodpecker / Cnocell Fraith Fwyaf)	SJ2252	5 records, between 21/03/2008 and 22/07/2017	Dermot J Smith; Steven Davies	1	Reported to recorder	Llandegla, Moel Garegog, E	Survey: Observer data; Birdtrack. Activity: H; BirdTrack	D0062/008/01 , D1297/025/01	Bern2, LBAP-C	NA, PC

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)	SJ2251	10 records, between 26/03/2017 and 02/03/2020	Norma Williams; Graham Jones; Mr David Beevers	1		Llandegla Forest	BirdTrack	D1297/025/01 , D1297/039/01 , D1297/040/01	Bern2, LBAP-C	PC, UA
<i>Dendrocopos major</i> (Great Spotted Woodpecker / Cnocell Fraith Fwyaf)	SJ2250	2 records, between 21/05/2006 and 27/07/2013	Henry RA Cook; Steven Davies	1		Llandegla Forest, S	Birdtrack; BirdTrack	D1297/025/01	Bern2, LBAP-C	PC
<i>Dendrocopos major</i> (Great Spotted Woodpecker / Cnocell Fraith Fwyaf)	SJ2550	5 records, between 27/07/2013 and 03/08/2020	Steven Davies; Mr J F Jones; Mr J Jones	1; 3		Ruabon Mountain, Esclusham Mountain	Birdtrack. flying NE across open moorland. Activity: F	D1297/025/01 , D1297/026/01 , D1297/039/01	Bern2, LBAP-C	PC, UA
<i>Dendrocopos major</i> (Great Spotted Woodpecker / Cnocell Fraith Fwyaf)	SJ2151	10/04/2016	Rupert J Pyrah			Tafarn-y-garth	BirdTrack	D1297/025/01	Bern2, LBAP-C	PC
<i>Dendrocopos major</i> (Great Spotted Woodpecker / Cnocell Fraith Fwyaf)	SJ2551	22/05/2019	Mr James Hughes	1		Ruabon Mountain, Esclusham Mountain, N		D1297/026/01	Bern2, LBAP-C	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Dicranella cerviculata</i> (Red-neck Forklet-moss)	SJ2253	1950 to 1991	Hill, M.O.			-Withheld-	-Withheld-	D1075/001/06	LI-48[LR], LI-49[LR], LI-52[EX]	NA
<i>Dicranum bonjeanii</i> (Crisped Fork-moss)	SJ2551	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C	NA
<i>Dicranum majus</i> (Greater Fork-moss)	SJ2552	1950 to 1991	Hill, M.O.			-Withheld-	-Withheld-	D1075/001/06	LI-51[LR]	NA
<i>Didymodon ferrugineus</i> (Rusty Beard-moss)	SJ254522	2 records, both on 05/04/2008	British Bryological Society Meeting; Long, D.G.			-Withheld-	-Withheld-	D1075/001/06	LI-48[LR], LI-50[LR], LI-51[EX], LI-52[LR]	NA
<i>Didymodon ferrugineus</i> (Rusty Beard-moss)	SJ2450	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-48[LR], LI-50[LR], LI-51[EX], LI-52[LR]	NA
<i>Dipsacus fullonum</i> (Wild Teasel / Llysiau'r Cribau)	SJ2453	16/11/2018	Jonathan D Shanklin			Tan-y-bryn		D1587/026/01	LI-48[LR]	PC
<i>Ditrichum flexicaule</i>	SJ2551	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-48[EX], LI-49[LR], LI-50[LR], LI-52[LR]	NA
<i>Ditrichum flexicaule</i>	SJ2552	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-48[EX], LI-49[LR], LI-50[LR], LI-52[LR]	NA
<i>Ditrichum gracile</i> (Slender Ditrichum)	SJ2550	22/09/1996	Hodgetts, N.G.			-Withheld-	-Withheld-	D1075/001/06	LI-48[LR], LI-50[LR]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Ditrichum gracile</i> (Slender Ditrichum)	SJ2450	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-48[LR], LI-50[LR]	NA
<i>Ditrichum gracile</i> (Slender Ditrichum)	SJ2552	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-48[LR], LI-50[LR]	NA
<i>Drosera rotundifolia</i> (Round-leaved Sundew / Gwlithlys)	SJ222530 (Selected from Interactive Map)	06/08/2011	Emily Meilleur & recording group			Duck Pond, Moel Garegog, Llandegla	Bog by pond	D1274/001/01	LBAP-A, LI-51[LS]	KC
<i>Dryopteris carthusiana</i> (Narrow Buckler- fern / Marchredynen Gul)	SJ2354	2 records, between 1981 and 13/09/1981	David McCosh; Anon, BSBI			Panterfyn Farm, Rhydtalog	bank overlooking stream; Stream bank	D0101/001/01 , D1308/001/01	LI-51[LS], LI-52[LS]	PC, NA
<i>Dryopteris carthusiana</i> (Narrow Buckler- fern / Marchredynen Gul)	SJ23275175 (Selected from Interactive Map)	31/07/2011	Mick Brummage			Llandegla Forest	In wet flush with Juncus sp.	D1117/001/01	LI-51[LS], LI-52[LS]	PC
<i>Dryopteris carthusiana</i> (Narrow Buckler- fern / Marchredynen Gul)	SJ222530 (Selected from Interactive Map)	06/08/2011	Emily Meilleur & recording group			Duck Pond, Moel Garegog, Llandegla	Bog by pond	D1274/001/01	LI-51[LS], LI-52[LS]	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Dryopteris carthusiana</i> (Narrow Buckler-fern / Marchredynen Gul)	SJ233539 (Selected from Interactive Map)	30/05/2019	Emily Meilleur; Gail Quartly-Bishop			Moel Garegog	Spring	D1274/001/01	LI-51[LS], LI-52[LS]	KC
<i>Empetrum nigrum</i> (Crowberry agg. / Creiglusen Creiglus)	SJ238538	2 records, between 1977 and 20/09/1977	Goronwy Wynne; G.Wynne			Rhydtalog; South of	wet moorland; Wet moorland	D0101/001/01 , D1308/001/01	LI-51[LS]	PC, NA
<i>Empetrum nigrum</i> (Crowberry agg. / Creiglusen Creiglus)	SJ222530 (Selected from Interactive Map)	06/08/2011	Emily Meilleur & recording group			Duck Pond, Moel Garegog, Llandegla		D1274/001/01	LI-51[LS]	KC
<i>Empetrum nigrum</i> (Crowberry agg. / Creiglusen Creiglus)	SJ220528 (Selected from Interactive Map)	06/08/2011	Emily Meilleur & recording group			Moel Garegog, Llandegla	Heathland	D1274/001/01	LI-51[LS]	KC
<i>Empetrum nigrum</i> (Crowberry agg. / Creiglusen Creiglus)	SJ2254	13/10/2015	Jonathan Shanklin			Rhydtalog		D1169/004/02	LI-51[LS]	NA
<i>Empetrum nigrum</i> (Crowberry agg. / Creiglusen Creiglus)	SJ230534 (Selected from Interactive Map)	30/05/2019	Emily Meilleur; Gail Quartly-Bishop			Moel Garegog	Heathland	D1274/001/01	LI-51[LS]	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)	SJ223532 (Estimated Centroid of Site))	3 records, between 29/06/1975 and 06/07/1987	Wallace, B & ID; Rob W Whitehead; B. and I.D. Wallace	2-5 adult; Present adult		Moel Garegog		D0158/003/01 , D1295/001/04	LBAP-S	PC, NA
<i>Enallagma cyathigerum</i> (Common Blue Damselfly / Mursen Las Gyffredin)	SJ244531	21/07/2013	Steven Davies			Nant-y-Ffrith Reservoir	Upland reservoir	D1117/001/01	LBAP-S	PC
<i>Enallagma cyathigerum</i> (Common Blue Damselfly / Mursen Las Gyffredin)	SJ23455169	2 records, both on 10/08/2017	Aldridge, Chloe	1 adult male		Llandegla forest, Ruthin Road, Llandegla, Wrexham	On shore of reservoir in forest. iRecord (iRecord general data)	D1295/001/04 , D1844/001/03	LBAP-S	NA, PC
<i>Enallagma cyathigerum</i> (Common Blue Damselfly / Mursen Las Gyffredin)	SJ23435173	27/09/2011	Sue Loose	2-5 adult		Pendinas Reservoir, Llandegla Forest		D1295/001/04	LBAP-S	NA
<i>Encalypta vulgaris</i> (Common Extinguisher-moss)	SJ251523	2 records, both on 05/04/2008	Long, D.G.; British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-49[LR], LI-52[LR]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Entodon concinnus</i> (Montagne's Cylinder-moss)	SJ254522	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-49[LR], LI-50[LR], LI-52[EX]	NA
<i>Entodon concinnus</i> (Montagne's Cylinder-moss)	SJ2450	2 records, between 22/09/1996 and 05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-49[LR], LI-50[LR], LI-52[EX]	NA
<i>Ephemerum minutissimum</i>	SJ2551	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C	NA
<i>Epilobium tetragonum</i> (Square-stalked Willowherb / Helyglys Pedronglog)	SJ2452	28/07/2011	Shanklin, J.			Gwynfryn		D1169/004/02	GBNNSIP, LI-48[LR], LI-49[LR]	NA
<i>Epipactis helleborine</i> (Broad-leaved Helleborine / Y Galdrist Lydanddail)	SJ256521	3 records, between 04/06/1987 and 1999	Jones, Mr R.A.; Foley, Dr M.J.Y.; Porter, Mr M.S.; Morgan, Ms V.M.; Green, Dr J.A.			Minera Quarry	Associated species with <i>Carex muricata</i> ssp. <i>muricata</i> .; Associated species with <i>Carex muricata</i> .	D1169/004/02	LBAP-G, LI-48[LS], LI-49[LS], LI-52[LR]	NA
<i>Equisetum sylvaticum</i> (Wood Horsetail / Marchrawnen y Coed)	SJ244530	28/07/2012	Steven Davies			Nant-y-Ffrith Reservoir		D1117/001/01	LI-49[LS], LI-52[LR]	PC
<i>Eucladium verticillatum</i> (Whorled Tufa-moss)	SJ2450	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-48[EX]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Eucladium verticillatum</i> (Whorled Tufa-moss)	SJ2551	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-48[EX]	NA
<i>Euphrasia confusa</i> (Little Kneeling Eyebright / Effros Gliniog)	SJ2452	28/07/2011	Shanklin, J.			Gwynfryn	To be confirmed	D1169/004/02	LI-49[LR], LI-50[LR], RL-DD	NA
<i>Euphrasia nemorosa</i> (Common Eyebright / Effros)	SJ253522	03/08/2016	Williams, D.			Minera Quarry	Open limestone grassland. Large patch. To be confirmed	D1169/004/02	LI-50[LR]	NA
<i>Euphrasia nemorosa</i> x <i>confusa</i>	SJ256521	03/08/2016	Williams, D.			Minera Quarry	Edge of track	D1169/004/02	LI-48[LR], LI-49[LR], LI-50	NA
<i>Euphrasia nemorosa</i> x <i>confusa</i>	SJ253522	03/08/2016	Williams, D.			Minera Quarry	Area of limestone grassland	D1169/004/02	LI-48[LR], LI-49[LR], LI-50	NA
<i>Galium uliginosum</i> (Fen Bedstraw / Briwydd y Fign)	SJ247516 (Estimated Centroid of Site))	30/10/1985	Janice Butler and Dawn Gray	Frequent/Occasional		Aber Sychnant Grassland	Habitat: Marshy grassland	D1239/012/01	LI-49[LS], LI-51[LS], LI-52[LS]	PC
<i>Gentianella amarella</i> (Autumn Gentian / Crwynllys yr Hydref)	SJ254524 (Estimated (From Recorder's Map))	04/08/1988	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-D, LI-49[LR], LI-50[LS], RL-NT	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Gentianella amarella</i> (Autumn Gentian / Crwynllys yr Hydref)	SJ250524 (Estimated (From Recorder's Map))	3 records, between 01/11/1985 and 06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith; Dawn Gray and Janice Butler	1 DOMIN (Estimate); Locally Abundant	Field record	Minera (part SSSI)	Habitat: Unimproved calcareous grassland; Habitat: Basic dry grassland/heath mosaic	D0820/001/02 , D1239/012/01	LBAP-D, LI-49[LR], LI-50[LS], RL-NT	NA, PC
<i>Gentianella amarella</i> (Autumn Gentian / Crwynllys yr Hydref)	SJ257522 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-D, LI-49[LR], LI-50[LS], RL-NT	NA
<i>Gentianella amarella</i> (Autumn Gentian / Crwynllys yr Hydref)	SJ256523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-D, LI-49[LR], LI-50[LS], RL-NT	NA
<i>Gentianella amarella</i> (Autumn Gentian / Crwynllys yr Hydref)	SJ249523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-D, LI-49[LR], LI-50[LS], RL-NT	NA
<i>Gentianella amarella</i> (Autumn Gentian / Crwynllys yr Hydref)	SJ254523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-D, LI-49[LR], LI-50[LS], RL-NT	NA
<i>Gentianella amarella</i> (Autumn Gentian / Crwynllys yr Hydref)	SJ248524 (Estimated (From Recorder's Map))	11/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-D, LI-49[LR], LI-50[LS], RL-NT	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Gentianella amarella</i> (Autumn Gentian / Crwynllys yr Hydref)	SJ253518 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	LBAP-D, LI-49[LR], LI-50[LS], RL-NT	NA
<i>Gentianella amarella</i> (Autumn Gentian / Crwynllys yr Hydref)	SJ254519 (Estimated (From Recorder's Map))	2 records, both on 12/09/1996	Dan Guest, Stuart Smith	1 DOMIN (Estimate); 2 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	LBAP-D, LI-49[LR], LI-50[LS], RL-NT	NA
<i>Gentianella amarella</i> (Autumn Gentian / Crwynllys yr Hydref)	SJ253522	03/08/2016	Williams, D.			Minera Quarry	Open limestone grassland. Scattered occasionally	D1169/004/02	LBAP-D, LI-49[LR], LI-50[LS], RL-NT	NA
<i>Gentianella campestris</i> (Field Gentian / Crwynllys y Maes)	SJ254519 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	1 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	BAP, LBAP-D, LI-48[LS], LI-49[LR], LI-50[LR], LI-51[LR], LI-52[LS], RL-VU, S7	NA
<i>Gentianella campestris</i> (Field Gentian / Crwynllys y Maes)	SJ2451	23/09/2012	Thomas, P.L.			Esclusham Mountain	SJ2475651520. Single plant, in seed. 200m W of Park Farm in short turf on limestone	D1169/004/02	BAP, LBAP-D, LI-48[LS], LI-49[LR], LI-50[LR], LI-51[LR], LI-52[LS], RL-VU, S7	NA
<i>Gentianella campestris</i> (Field Gentian / Crwynllys y Maes)	SJ24685145	12/08/2016	Thomas, P.L.			Esclusham Mountain	300m WSW of Park Farm. 100s in short limestone grassland for 50m along lip of stream valley W side of Abersychnant to SJ2467 5140	D1169/004/02	BAP, LBAP-D, LI-48[LS], LI-49[LR], LI-50[LR], LI-51[LR], LI-52[LS], RL-VU, S7	NA
<i>Geum rivale</i> (Water Avens / Mapgoll Glan y Dwr)	SJ23695430	July 2000	Greg Carson			Rhydtalog	ditch Flint - Denbigh border	D0101/001/01	LI-52[LR]	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Geum rivale</i> (Water Avens / Mapgoll Glan y Dwr)	SJ24875204	02/06/2018	Wallace, Ian			Minera Quarry	Odd habitat but did not seem to be the hybrid	D1823/003/01	LI-52[LR]	PC
<i>Geum rivale</i> x <i>urbanum</i> = <i>G. x</i> <i>intermedium</i> (Hybrid Avens)	SJ22635200	26/05/2016	Stead, M.O.			Casgan Dittw	Hedge by roadside car parking area	D1169/004/02	LI-48[LR], LI- 49[LR], LI-52[LR]	NA
<i>Grimmia</i> <i>trichophylla</i> (Hair-pointed <i>Grimmia</i>)	SJ2450	22/09/1996	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-49[EX]	NA
<i>Grimmia</i> <i>trichophylla</i> (Hair-pointed <i>Grimmia</i>)	SJ2152	1950 to 1991	Hill, M.O.			-Withheld-	-Withheld-	D1075/001/06	LI-49[EX]	NA
<i>Gymnadenia</i> <i>conopsea</i> (Common Fragrant-orchid / Tegeirian Pêr)	SJ254523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	1 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-48[LS], LI- 49[LS], LI-50[LR], S7	NA
<i>Gymnadenia</i> <i>conopsea</i> (Common Fragrant-orchid / Tegeirian Pêr)	SJ249523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-48[LS], LI- 49[LS], LI-50[LR], S7	NA
<i>Gymnadenia</i> <i>conopsea</i> (Common Fragrant-orchid / Tegeirian Pêr)	SJ248525 (Estimated (From Recorder's Map))	04/08/1988	Anon	1 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-48[LS], LI- 49[LS], LI-50[LR], S7	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Gymnadenia conopsea</i> (Common Fragrant-orchid / Tegeirian Pêr)	SJ2552	27/08/2013	Williams, D.			Minera Quarry		D1169/004/02	LI-48[LS], LI-49[LS], LI-50[LR], S7	NA
<i>Gymnadenia conopsea</i> (Common Fragrant-orchid / Tegeirian Pêr)	SJ234517	28/07/2011	Shanklin, J.			Llandegla Forest	One plant on track bank	D1169/004/02	LI-48[LS], LI-49[LS], LI-50[LR], S7	NA
<i>Gymnadenia conopsea</i> (Common Fragrant-orchid / Tegeirian Pêr)	SJ2551	06/07/2013	Elias, D.			Hafod Farm	SJ252519. 2 in flower, many others in bud	D1169/004/02	LI-48[LS], LI-49[LS], LI-50[LR], S7	NA
<i>Gymnadenia conopsea</i> (Common Fragrant-orchid / Tegeirian Pêr)	SJ25645206	03/08/2016	Williams, D.			Minera Quarry	Occasional	D1169/004/02	LI-48[LS], LI-49[LS], LI-50[LR], S7	NA
<i>Gymnadenia conopsea</i> (Common Fragrant-orchid / Tegeirian Pêr)	SJ25175267 (Supplied by Original Recorder (Checked))	01/11/1985	Dawn Gray and Janice Butler	Frequent/Occasional		Eisteddfod Grassland	Habitat: Unimproved calcareous grassland	D1239/012/01	LI-48[LS], LI-49[LS], LI-50[LR], S7	PC
<i>Gymnocarpium robertianum</i> (Limestone Fern / Rhedynen y Calchfaen)	SJ254522	2 records, both in 1991	Anon			Minera	Minera SSSI.	D0216/001/03 , D1169/004/02	LBAP-D, LI-50[LS], RDB-NS	PC, NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Gymnocarpium robertianum</i> (Limestone Fern / Rhedynen y Calchfaen)	SJ2552	15/08/2003	Whild, Dr S.J.			Minera Quarry		D1169/004/02	LBAP-D, LI-50[LS], RDB-NS	NA
<i>Helianthemum nummularium</i> (Common Rock-rose / Cor-Rosyn Cyffredin)	SJ249525 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	4 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-G, LI-48[LR], LI-49[LS]	NA
<i>Helianthemum nummularium</i> (Common Rock-rose / Cor-Rosyn Cyffredin)	SJ256523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	4 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-G, LI-48[LR], LI-49[LS]	NA
<i>Helianthemum nummularium</i> (Common Rock-rose / Cor-Rosyn Cyffredin)	SJ255522	03/08/2016	Williams, D.			Minera Quarry		D1169/004/02	LBAP-G, LI-48[LR], LI-49[LS]	NA
<i>Helianthemum nummularium</i> (Common Rock-rose / Cor-Rosyn Cyffredin)	SJ24845199 (Supplied by Original Recorder (Checked))	01/11/1985	Dawn Gray and Janice Butler	Rare		Eisteddfod Grassland	Habitat: Unimproved calcareous grassland	D1239/012/01	LBAP-G, LI-48[LR], LI-49[LS]	PC
<i>Helianthemum nummularium</i> (Common Rock-rose / Cor-Rosyn Cyffredin)	SJ247516 (Estimated (Centroid of Site))	2 records, both on 30/10/1985	Janice Butler and Dawn Gray	Frequent/Occasional		Aber Sychnant Grassland	Habitat: unimproved basic grassland; Habitat: dry heath/grassland mosaic (basic)	D1239/012/01	LBAP-G, LI-48[LR], LI-49[LS]	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Helianthemum nummularium</i> (Common Rock-rose / Cor-Rosyn Cyffredin)	SJ24875204	02/06/2018	Wallace, Ian			Minera Quarry		D1823/003/01	LBAP-G, LI-48[LR], LI-49[LS]	PC
<i>Helictotrichon pubescens</i> (Downy Oat-grass / Ceirchwellt Blewog)	SJ256523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-50[LS]	NA
<i>Helictotrichon pubescens</i> (Downy Oat-grass / Ceirchwellt Blewog)	SJ249525 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	4 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-50[LS]	NA
<i>Helictotrichon pubescens</i> (Downy Oat-grass / Ceirchwellt Blewog)	SJ249523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	4 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-50[LS]	NA
<i>Helictotrichon pubescens</i> (Downy Oat-grass / Ceirchwellt Blewog)	SJ257522 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	4 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-50[LS]	NA
<i>Helictotrichon pubescens</i> (Downy Oat-grass / Ceirchwellt Blewog)	SJ248524 (Estimated (From Recorder's Map))	11/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	4 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-50[LS]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Helictotrichon pubescens</i> (Downy Oat-grass / Ceirchwellt Blewog)	SJ254518 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	4 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	LI-50[LS]	NA
<i>Helictotrichon pubescens</i> (Downy Oat-grass / Ceirchwellt Blewog)	SJ252516 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	LI-50[LS]	NA
<i>Helictotrichon pubescens</i> (Downy Oat-grass / Ceirchwellt Blewog)	SJ254519 (Estimated (From Recorder's Map))	2 records, both on 12/09/1996	Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	LI-50[LS]	NA
<i>Helictotrichon pubescens</i> (Downy Oat-grass / Ceirchwellt Blewog)	SJ253518 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	LI-50[LS]	NA
<i>Helictotrichon pubescens</i> (Downy Oat-grass / Ceirchwellt Blewog)	SJ250520 (Estimated (Centroid of Site))	02/06/2018	Geoff Radford			Minera Quarry		D1823/002/01	LI-50[LS]	PC
<i>Heterocladium heteropterum</i> var. <i>heteropterum</i>	SJ2552	1950 to 1988	Hill, M.O.			-Withheld-	-Withheld-	D1075/001/06	LI-52[LR]	NA
<i>Hieracium</i> sect. <i>Sabauda</i>	SJ2553	16/11/2018	Jonathan D Shanklin			Coed Pen-y-nant	Recorded as 'Hieracium sabaudum agg.'	D1587/026/01	LI-50[LR]	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Homalothecium lutescens</i> (Yellow Feather-moss)	SJ249523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	1 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-48[LR]	NA
<i>Homalothecium lutescens</i> (Yellow Feather-moss)	SJ249525 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	1 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-48[LR]	NA
<i>Homalothecium lutescens</i> (Yellow Feather-moss)	SJ256523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	1 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-48[LR]	NA
<i>Homalothecium lutescens</i> (Yellow Feather-moss)	SJ254523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	1 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-48[LR]	NA
<i>Homalothecium lutescens</i> (Yellow Feather-moss)	SJ254519 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	LI-48[LR]	NA
<i>Homalothecium lutescens</i> (Yellow Feather-moss)	SJ2550	22/09/1996	Hodgetts, N.G.			-Withheld-	-Withheld-	D1075/001/06	LI-48[LR]	NA
<i>Homalothecium lutescens</i> (Yellow Feather-moss)	SJ2552	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-48[LR]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Homalothecium lutescens</i> (Yellow Feather-moss)	SJ2450	2 records, between 22/09/1996 and 05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-48[LR]	NA
<i>Homalothecium lutescens</i> (Yellow Feather-moss)	SJ2551	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-48[LR]	NA
<i>Hygrocybe acutoconica</i> var. <i>acutoconica</i> (Persistent Waxcap)	SJ248518	13/09/2018	A.N. & J.E.Graham			Minera Quarry	Habitat: limestone quarry	D0135/015/01	LBAP-D, LBAP-G	NA
<i>Hygrocybe acutoconica</i> var. <i>acutoconica</i> (Persistent Waxcap)	SJ251516	15/08/2019	A.N. & J.E.Graham			Minera Quarry	Habitat: limestone quarry	D0135/015/01	LBAP-D, LBAP-G	NA
<i>Hygrocybe calciphila</i> (Limestone Waxcap / Cap Cwyr y Calch)	SJ25195217	24/10/2013	A.N. & J.E. Graham			Minera Quarry	Growing on sparsely vegetated limestone. Spores <= 10, quite variable with some almost globular. Gills broadly adanate. Trichoderm. Habitat: limestone quarry floor	D0135/003/02	LBAP-D, LBAP-G	NA
<i>Hygrocybe calciphila</i> (Limestone Waxcap / Cap Cwyr y Calch)	SJ251516	15/08/2019	A.N. & J.E.Graham			Minera Quarry		D0135/015/01	LBAP-D, LBAP-G	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Hygrohypnum eugyrium</i> (Western Brook-moss)	SJ2450	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-50[LR]	NA
<i>Hypopitys monotropa</i> (Yellow Bird's-nest / Cytwf)	SJ2552	27/08/2013	Williams, D.			Minera Quarry	SJ25565212 and SJ25755198. Two new locations. Edge of path. 20+ spikes	D1169/004/02	BAP, LBAP-G, LI-48[LR], LI-49[LR], LI-50[LS], LI-51[LS], RDB-NS, RL-EN, S7	NA
<i>Hypopitys monotropa</i> (Yellow Bird's-nest / Cytwf)	SJ25705199	03/08/2016	Williams, D.			Hafod Farm	Also at SJ2569 5199. Frequent along banks of shaded track	D1169/004/02	BAP, LBAP-G, LI-48[LR], LI-49[LR], LI-50[LS], LI-51[LS], RDB-NS, RL-EN, S7	NA
<i>Hypopitys monotropa</i> (Yellow Bird's-nest / Cytwf)	SJ250521 (Approximate)	06/08/2018	Anon	1 Flowering		Minera Quarry		D1117/001/01	BAP, LBAP-G, LI-48[LR], LI-49[LR], LI-50[LS], LI-51[LS], RDB-NS, RL-EN, S7	PC
<i>Ischnura elegans</i> (Blue-tailed Damselfly / Mursen Dinlas Gyffredin)	SJ250521 (Approximate)	06/08/2018	Anon	1 Adult	Live Sighting	Minera Quarry		D1117/001/01	LBAP-S	KC
<i>Ischnura elegans</i> (Blue-tailed Damselfly / Mursen Dinlas Gyffredin)	SJ25205218 (Selected from Interactive Map)	29/06/2019	Susan Loose	4 Adult	Live Sighting	Minera quarry		D1117/001/01	LBAP-S	PC
<i>Ischnura elegans</i> (Blue-tailed Damselfly / Mursen Dinlas Gyffredin)	SJ252521	07/06/2016	A.N. & J.E.Graham			Minera Quarry, pond	Form rufescens/violace a. Segment 8 with black markings. Photo	D0135/001/05	LBAP-S	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Ischnura elegans</i> (Blue-tailed Damselfly / Mursen Dinlas Gyffredin)	SJ22945224	2 records, between 04/05/2011 and 06/05/2011	Allan Brandon	2-5 adult		Llandegla Fly Fishery ponds		D1295/001/04	LBAP-S	NA
<i>Ischnura elegans</i> (Blue-tailed Damselfly / Mursen Dinlas Gyffredin)	SJ22845220	06/05/2011	Allan Brandon	6-20 adult		Casgan Fishery Lake, Llandegla		D1295/001/04	LBAP-S	NA
<i>Jacobaea erucifolia</i> (Hoary Ragwort / Creulys Lwyd)	SJ2552	27/08/2013	Williams, D.			Minera Quarry		D1169/004/02	LBAP-G, LI-48[LR], LI-49[LS], LI-52[LS]	NA
<i>Juncus inflexus</i> (Hard Rush / Brwynen Galed)	SJ2551	30/07/2011	Shanklin, J.			Hafod Farm		D1169/004/02	LI-48[LR]	NA
<i>Juncus inflexus</i> (Hard Rush / Brwynen Galed)	SJ256522	17/08/2014	Formstone, J.B.			Minera Quarry		D1169/004/02	LI-48[LR]	NA
<i>Juncus inflexus</i> (Hard Rush / Brwynen Galed)	SJ250520 (Estimated Centroid of Site))	02/06/2018	Geoff Radford			Minera Quarry		D1823/002/01	LI-48[LR]	PC
<i>Juncus inflexus</i> (Hard Rush / Brwynen Galed)	SJ25195219	02/06/2018	Wallace, Ian			Minera Quarry	pond	D1823/003/01	LI-48[LR]	PC
<i>Jungermannia pumila</i> (Dwarf Flapwort)	SJ2351	25/04/2011	Shanklin, J.D.			-Withheld-	-Withheld-	D1075/001/06	LI-52[LR]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Kindbergia praelonga</i> (Common Feather-moss)	SJ257522 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-C	NA
<i>Kindbergia praelonga</i> (Common Feather-moss)	SJ250524 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-C	NA
<i>Kindbergia praelonga</i> (Common Feather-moss)	SJ2551	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C	NA
<i>Kindbergia praelonga</i> (Common Feather-moss)	SJ2450	2 records, between 22/09/1996 and 05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C	NA
<i>Knautia arvensis</i> (Field Scabious / Clafrllys y Maes)	SJ254523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	1 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-48[LS]	NA
<i>Knautia arvensis</i> (Field Scabious / Clafrllys y Maes)	SJ250524 (Estimated (Centroid of Site))	2 records, both on 01/11/1985	Dawn Gray and Janice Butler	Frequent/Occasional		Eisteddfod Grassland	Habitat: Unimproved calcareous grassland; Habitat: Basic dry grassland/heath mosaic	D1239/012/01	LI-48[LS]	PC
<i>Kurzia sylvatica</i> (Wood Fingerwort)	SJ2353	1973	Hill, M.O.			-Withheld-	-Withheld-	D1075/001/06	LBAP-C, LBAP-F, LI-51[LR], LI-52[LR]	NA
<i>Lasioglossum leucopus</i> (White-footed Furrow Bee)	SJ251524	04/08/2017	A.N. & J.E. Graham	1 Male		Eisteddfod Farm, Gwynfryn		D0135/001/05	LBAP-C	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Lasioglossum leucopus</i> (White-footed Furrow Bee)	SJ253521	15/08/2017	A.N. & J.E.Graham	1 Male		Eisteddfod Farm, Gwynfryn		D0135/001/05	LBAP-C	NA
<i>Lathyrus linifolius</i> (Bitter-vetch / Ytbyesen y Coed)	SJ257523	26/09/2016	Denbs Group (Williams, D.)			Minera Quarry	Lane running W to E	D1169/004/02	LI-52[LS]	NA
<i>Leiocolea badensis</i> (Scarce Notchwort)	SJ2450	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C, LBAP-F, LI-48[EX], LI-49[LR], LI-50[LR], LI-51[LR], LI-52[LR]	NA
<i>Leiocolea turbinata</i> (Top Notchwort)	SJ2551	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-48[EX]	NA
<i>Leontodon hispidus</i> (Rough Hawkbit / Peradyl Garw)	SJ253524 (Estimated (From Recorder's Map))	04/08/1988	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	5 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-52[LS]	NA
<i>Leontodon hispidus</i> (Rough Hawkbit / Peradyl Garw)	SJ254524 (Estimated (From Recorder's Map))	04/08/1988	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-52[LS]	NA
<i>Leontodon hispidus</i> (Rough Hawkbit / Peradyl Garw)	SJ254523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	5 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-52[LS]	NA
<i>Leontodon hispidus</i> (Rough Hawkbit / Peradyl Garw)	SJ249525 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-52[LS]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Leontodon hispidus</i> (Rough Hawkbit / Peradyl Garw)	SJ249523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-52[LS]	NA
<i>Leontodon hispidus</i> (Rough Hawkbit / Peradyl Garw)	SJ256523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	4 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-52[LS]	NA
<i>Leontodon hispidus</i> (Rough Hawkbit / Peradyl Garw)	SJ250524 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	4 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-52[LS]	NA
<i>Leontodon hispidus</i> (Rough Hawkbit / Peradyl Garw)	SJ257522 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	5 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-52[LS]	NA
<i>Leontodon hispidus</i> (Rough Hawkbit / Peradyl Garw)	SJ251524 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-52[LS]	NA
<i>Leontodon hispidus</i> (Rough Hawkbit / Peradyl Garw)	SJ248524 (Estimated (From Recorder's Map))	11/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	4 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-52[LS]	NA
<i>Leontodon hispidus</i> (Rough Hawkbit / Peradyl Garw)	SJ253518 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	1 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	LI-52[LS]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Leontodon hispidus</i> (Rough Hawkbit / Peradyl Garw)	SJ248525 (Estimated (From Recorder's Map))	04/08/1988	Anon	5 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-52[LS]	NA
<i>Leontodon hispidus</i> (Rough Hawkbit / Peradyl Garw)	SJ256521	04/06/1987	Morgan, Ms V.M., Green, Dr J.A.			Minera Quarry	Associated species with <i>Carex muricata</i> ssp. <i>muricata</i> .	D1169/004/02	LI-52[LS]	NA
<i>Leontodon hispidus</i> (Rough Hawkbit / Peradyl Garw)	SJ250520 (Estimated (Centroid of Site))	02/06/2018	Geoff Radford			Minera Quarry		D1823/002/01	LI-52[LS]	PC
<i>Leptodontium flexifolium</i> (Bent-leaved Beard-moss)	SJ2354	1970 to 1991	Hill, M.O.			-Withheld-	-Withheld-	D1075/001/06	LI-51[LR], LI-52[LR]	NA
<i>Leskea polycarpa</i> (Many-fruited Leskea)	SJ2552	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-49[LR], LI-52[LR]	NA
<i>Lestes sponsa</i> (Emerald Damselfly / Mursen Werdd)	SJ252510	08/09/2006	Bryan Formstone	2-5 adult		Minerva Mountain: small reservoir, Unspecified		D1295/001/04	LBAP-S, LI-50	NA
<i>Lestes sponsa</i> (Emerald Damselfly / Mursen Werdd)	SJ25485132	19/08/2012	Sue Loose	1 adult		Worlds End Road, Minera		D1295/001/04	LBAP-S, LI-50	NA
<i>Leucodon sciuroides</i> (Squirrel-tail Moss)	SJ2450	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-48[LR], LI-49[LR], LI-50[LR], LI-52[LR]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Linaria repens</i> (Pale Toadflax / Llin-y-Llyffant Gwelw)	SJ256522	17/08/2014	Formstone, J.B.			Minera Quarry		D1169/004/02	GBNNSIP, LI-50[LS], LI-51[LR]	NA
<i>Linaria repens</i> (Pale Toadflax / Llin-y-Llyffant Gwelw)	SJ25525212 (Selected from Interactive Map)	2 records, between 21/06/2016 and 07/09/2019	Susan Loose; Sue Budd	1 Flowering; patch	Field record	Minera Quarry		D1117/001/01 , D0969/001/05	GBNNSIP, LI-50[LS], LI-51[LR]	PC
<i>Linaria repens</i> (Pale Toadflax / Llin-y-Llyffant Gwelw)	SJ255521	13/07/2019	Sue Budd		Field record	Minera Quarry Nature Reserve		D0969/001/05	GBNNSIP, LI-50[LS], LI-51[LR]	PC
<i>Littorella uniflora</i> (Shoreweed / Beistonnell Ferllyn)	SJ23485170	26/05/2016	Stead, M.O.			Llandegla Forest	Shoreline of Pendinas resevoir	D1169/004/02	LI-50[LS], LI-51[LR]	NA
<i>Littorella uniflora</i> (Shoreweed / Beistonnell Ferllyn)	SJ2351	25/04/2011	Shanklin, J.			Llandegla Forest	Shore of Pendinas Reservoir	D1169/004/02	LI-50[LS], LI-51[LR]	NA
<i>Lythrum portula</i> (Water-purslane / Troed y Gywen)	SJ24645192 (Supplied by Original Recorder (Checked))	30/10/1985	Janice Butler and Dawn Gray	Rare		Aber Sychnant Grassland	Habitat: Marshy grassland	D1239/012/01	LI-51[LS]	PC
<i>Melilotus altissimus</i> (Tall Melilot / Yr Wydro Dal)	SJ256522	17/08/2014	Formstone, J.B.			Minera Quarry	Clear Area by Stream	D1169/004/02	GBNNSIP, LBAP-G, LI-49[LR]	NA
<i>Mentha aquatica</i> (Water Mint / Mintys y Dwr)	SJ2553	16/11/2018	Jonathan D Shanklin			Coed Pen-y-nant		D1587/026/01	LBAP-A	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Mergus merganser</i> (Goosander / Hwyaden Ddanheddog)	SJ2453	2 records, between 27/12/2011 and 27/01/2013	Steven Davies	1 Female; 1	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	BDir2.2, Bonn2, LBAP-C	NA, PC
<i>Microbryum starckeanum</i> (Starke's Pottia)	SJ2552	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C, LBAP-D	NA
<i>Milium effusum</i> (Wood Millet / Miledwellt y Coed)	SJ2352	28/07/2011	Shanklin, J.			Casgan Dittw		D1169/004/02	LBAP-G, LI- 48[LS], LI-49[LS], LI-52[LR]	NA
<i>Milium effusum</i> (Wood Millet / Miledwellt y Coed)	SJ2351	28/07/2011	Shanklin, J.			Llandegla Forest		D1169/004/02	LBAP-G, LI- 48[LS], LI-49[LS], LI-52[LR]	NA
<i>Mnium stellare</i> (Starry Thyme- moss)	SJ2552	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C, LI- 52[LR]	NA
<i>Mnium stellare</i> (Starry Thyme- moss)	SJ2551	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C, LI- 52[LR]	NA
<i>Mnium stellare</i> (Starry Thyme- moss)	SJ2450	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C, LI- 52[LR]	NA
<i>Motacilla alba yarrellii</i> (Pied Wagtail / Siglen Fraith)	SJ2551	5 records, between 23/07/2009 and 20/06/2020	Julie Chicken; Norman Hallas; Mr Steven Davies	1; 2	Reported to recorder	Ruabon Mountain, Esclusham Mountain, N	Survey: Observer data; Birdtrack; Birdtrack:	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	Bern2, LBAP-T	NA, PC, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Motacilla alba yarrellii</i> (Pied Wagtail / Siglen Fraith)	SJ2351	11 records, between 19/04/2009 and 19/06/2020	Julie Chicken; Mike Radcliffe; Helen Conrad; Bob Lane; Steven Davies; Shelagh A Halsey; SJ Hall; Dr Anne Brenchley; Mr Shaun Nield	1	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; Birdtrack. Activity: H; Birdtrack.: Activity: H; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	Bern2, LBAP-T	NA, PC, UA
<i>Motacilla alba yarrellii</i> (Pied Wagtail / Siglen Fraith)	SJ2350	3 records, between 01/06/2010 and 26/05/2012	Kevin J Smith; Julie Chicken; Jenny Thomas	1	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data	D0062/008/01	Bern2, LBAP-T	NA
<i>Motacilla alba yarrellii</i> (Pied Wagtail / Siglen Fraith)	SJ2252	10/04/2010	Tim Ross	1	Reported to recorder	Llandegla, Moel Garegog, E	Activity: ON. Survey: Observer data	D0062/008/01	Bern2, LBAP-T	NA
<i>Motacilla alba yarrellii</i> (Pied Wagtail / Siglen Fraith)	SJ2553	03/06/2010	Steven Davies			Bwlchgwyn, W	Birdtrack.: Activity: H	D1297/025/01	Bern2, LBAP-T	PC
<i>Motacilla alba yarrellii</i> (Pied Wagtail / Siglen Fraith)	SJ2251	2 records, between 30/04/2017 and 11/07/2018	Norma Williams; Graham Jones	1		Llandegla Forest	BirdTrack	D1297/025/01	Bern2, LBAP-T	PC
<i>Motacilla alba yarrellii</i> (Pied Wagtail / Siglen Fraith)	SJ2250	2 records, between 15/04/2007 and 28/04/2013	Henry RA Cook; Louise Bailey	1		Llandegla Forest, S	Birdtrack; BirdTrack	D1297/025/01	Bern2, LBAP-T	PC
<i>Motacilla alba yarrellii</i> (Pied Wagtail / Siglen Fraith)	SJ2552	2 records, between 02/05/2009 and 30/05/2019	Steven Davies; Dr Anne Brenchley	2		Gwynfryn	Birdtrack. Activity: P; Breeding status: A	D1297/025/01 , D1297/026/01	Bern2, LBAP-T	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Motacilla alba yarrellii</i> (Pied Wagtail / Siglen Fraith)	SJ2451	2 records, between 12/04/2015 and 23/04/2019	Barrie J Roberts; Mr James Hughes	1		Gwynfryn, SW	Bird Track	D1297/025/01 , D1297/026/01	Bern2, LBAP-T	PC
<i>Motacilla alba yarrellii</i> (Pied Wagtail / Siglen Fraith)	SJ2452	10/04/2011	Steven Davies	1		Gwynfryn, W	BirdTrack	D1297/025/01	Bern2, LBAP-T	PC
<i>Motacilla alba yarrellii</i> (Pied Wagtail / Siglen Fraith)	SJ2453	26 records, between 11/04/2009 and 19/04/2020	Steven Davies; Mr Steven Davies	1; 2; 11; 3		Nant-y-Ffrith Reservoir	Birdtrack. Activity: H; Birdtrack. Activity: P; Birdtrack;; BirdTrack; BirdTrack. Activity: H; BirdTrack. Activity: F	D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01	Bern2, LBAP-T	PC, UA
<i>Motacilla alba yarrellii</i> (Pied Wagtail / Siglen Fraith)	SJ2550	6 records, between 25/05/2013 and 25/06/2020	Steven Davies; DV Avis; Heather Cartwright; Mr Mark Breaks; Mrs Heather Cartwright; Mr James Hughes	1; 4		Ruabon Mountain, Esclusham Mountain	BirdTrack	D1297/025/01 , D1297/026/01 , D1297/039/01	Bern2, LBAP-T	PC, UA
<i>Motacilla alba yarrellii</i> (Pied Wagtail / Siglen Fraith)	SJ2450	08/03/2014	MJ Wheeler			Ruabon Mountain, Esclusham Mountain, W	BirdTrack	D1297/025/01	Bern2, LBAP-T	PC
<i>Motacilla alba yarrellii</i> (Pied Wagtail / Siglen Fraith)	SJ2151	10/04/2016	Rupert J Pyrah			Tafarn-y-garth	BirdTrack	D1297/025/01	Bern2, LBAP-T	PC
<i>Mustela erminea</i> (Stoat / Carlwm)	SJ248527	11/04/2012	Steven Davies	1	Live Sighting	West of Gwynfryn		D1117/001/01	Bern3, LBAP-A, LBAP-C, LBAP-F	PC
<i>Mustela erminea</i> (Stoat / Carlwm)	SJ231524	19/07/2005	Brian Burnett			Fisheries bends	Dead on road	D0112/001/01	Bern3, LBAP-A, LBAP-C, LBAP-F	KC
<i>Mustela erminea</i> (Stoat / Carlwm)	SJ233520 (Selected from Interactive Map)	26/04/2015	Susan Loose	1 Adult		Llandegla Forest		D1117/001/01	Bern3, LBAP-A, LBAP-C, LBAP-F	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Mustela erminea</i> (Stoat / Carlwm)	SJ251521 (Approximate)	21/04/2021	Jordan Hurst; Simon Mills	1 Adult		Minera Quarry	Adult observed bounding through grassland in Minera Quarry	D1117/001/01	Bern3, LBAP-A, LBAP-C, LBAP-F	PC
<i>Mycelis muralis</i> (Wall Lettuce / Gwylaeth y Fagwyr)	SJ2354	13/10/2015	Jonathan Shanklin			Rhydtalog		D1587/004/01	LI-52[LS]	PC
<i>Mycelis muralis</i> (Wall Lettuce / Gwylaeth y Fagwyr)	SJ254523	26/09/2016	Denbs Group (Williams, D.)			Minera Quarry	Old road through wooded area	D1169/004/02	LI-52[LS]	NA
<i>Mycelis muralis</i> (Wall Lettuce / Gwylaeth y Fagwyr)	SJ256521	1992	Jones, Mr R.A.			Minera Quarry	Associated species with <i>Carex muricata</i> ssp. <i>muricata</i> .	D1169/004/02	LI-52[LS]	NA
<i>Mycelis muralis</i> (Wall Lettuce / Gwylaeth y Fagwyr)	SJ247516 (Estimated (Centroid of Site))	30/10/1985	Janice Butler and Dawn Gray	Frequent/Occasional		Aber Sychnant Grassland	Habitat: Semi-natural Broadleaved Woodland	D1239/012/01	LI-52[LS]	PC
<i>Mylia anomala</i> (Anomalous Flapwort)	SJ2353	1972	Thomas			-Withheld-	-Withheld-	D1075/001/06	LI-51[LR], LI-52[LR]	NA
<i>Narcissus pseudonarcissus</i> (Daffodil)	SJ2252	25/04/2011	Shanklin, J.			Casgan Dittw		D1169/004/02	GBNNSIP, LI-50[LS]	NA
<i>Narthecium ossifragum</i> (Bog Asphodel / Llafn y Bladur)	SJ24735174 (Supplied by Original Recorder (Checked))	30/10/1985	Janice Butler and Dawn Gray	Rare		Aber Sychnant Grassland	Habitat: Marshy grassland	D1239/012/01	LI-51[LS]	PC
<i>Neomys fodiens</i> (Water Shrew / Llyg y Dwr)	SJ2528552280 (GPS Reading)	18/07/2018	Mick Brummage	1 Adult		Minera Quarry	Under reptile refuge	D1117/001/01	Bern3, LBAP-A, LBAP-C, LBAP-F, LBAP-G	KC

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)	SJ250524 (Estimated Centroid of Site))	01/11/1985	Dawn Gray and Janice Butler	Frequent/Occasional		Eisteddfod Grassland	Dried up pond. Habitat: Marshy grassland	D1239/012/01	LI-48[LS]	PC
<i>Odezia atrata</i> (Chimney Sweep / Adain Ddu)	SJ253525	01/07/1989	Rob W Whitehead	2 Adult		Gwynfryn - Fields	Method: Daytime observation	D1285/001/03	LBAP-G	NA
<i>Odezia atrata</i> (Chimney Sweep / Adain Ddu)	SJ251525	5 records, between 29/06/2006 and 23/06/2020	Rob W Whitehead; Tordoff, G.M. & Graham, A.N.; A.N. & J.E.Graham	2 Adult; 1 Adult; 50+ Adult; 2+ Adult; 5+ Adult		S of Pantdedwydd	Further up hill at SJ251525. Method: Daytime observation; Method: Daytime observation; Method: day; Several. Very fresh. None here two days ago. Method: day	D1285/001/03 , D1991/001/01	LBAP-G	NA
<i>Odezia atrata</i> (Chimney Sweep / Adain Ddu)	SJ254523	27/07/1994	Rob W Whitehead	6 Adult		Gwynfryn	Method: Daytime observation	D1285/001/03	LBAP-G	NA
<i>Odezia atrata</i> (Chimney Sweep / Adain Ddu)	SJ250525	6 records, between 07/06/2016 and 08/06/2020	A.N. & J.E.Graham	Adult; 1 larval		Minera Quarry, Eisteddfod Farm	Method: By day; Method: Daytime observation; Method: by day; Hundreds of adults everywhere. One final instar larva found after much searching. Pupated on 11.6.2020. Method: day	D1285/001/03 , D1991/001/01	LBAP-G	NA
<i>Odezia atrata</i> (Chimney Sweep / Adain Ddu)	SJ2452	5 records, all on 21/06/2016	A.N. & J.E.Graham	Adult		Minera Quarry, Eisteddfod Farm	Method: By day; Method: Daytime observation; Method: by day	D1285/001/03 , D1991/001/01	LBAP-G	NA
<i>Odezia atrata</i> (Chimney Sweep / Adain Ddu)	SJ250520	1978	D.M. Parker	abundant		Minera Quarry		D0217/001/04	LBAP-G	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Odezia atrata</i> (Chimney Sweep / Adain Ddu)	SJ252524	04/07/2017	A.N. & J.E.Graham	1 Adult		Eisteddfod Farm, Gwynfryn	Still flying. Method: by day	D1991/001/01	LBAP-G	NA
<i>Odezia atrata</i> (Chimney Sweep / Adain Ddu)	SJ2552	2 records, between 15/06/2018 and 02/06/2020	A.N. & J.E.Graham	many Adult; 100+ Adult		Eisteddfod Farm, Gwynfryn	Eisteddfod grassland. Method: by day; Now hundreds if not thousands. Method: day	D1991/001/01	LBAP-G	NA
<i>Odezia atrata</i> (Chimney Sweep / Adain Ddu)	SJ251526	24/06/2019	A.N. & J.E.Graham	100+ Adult		Eisteddfod Farm, Gwynfryn	Method: day	D1991/001/01	LBAP-G	NA
<i>Odezia atrata</i> (Chimney Sweep / Adain Ddu)	SJ252516	26/05/2020	A.N. & J.E.Graham	1 larval		Eisteddfod Farm, Gwynfryn	Early instar. Hard to spot!. Method: day	D1991/001/01	LBAP-G	NA
<i>Odezia atrata</i> (Chimney Sweep / Adain Ddu)	SJ252515	16/06/2019	A.N.Graham et al.	1 Adult		Eisteddfod Farm, Gwynfryn	Acres of pignut	D1991/001/01	LBAP-G	NA
<i>Odontoschisma sphagni</i> (Bog-moss Flapwort)	SJ2353	1972	Hill, M.O.			-Withheld-	-Withheld-	D1075/001/06	LI-51[LR]	NA
<i>Ophioglossum vulgatum</i> (Adder's-tongue / Tafod y Neidr)	SJ2552	15/08/2003	Whild, Dr S.J.			Minera Quarry		D1169/004/02	LI-48[LS], LI- 49[LS], LI-50[LS], LI-51[LS]	NA
<i>Ophioglossum vulgatum</i> (Adder's-tongue / Tafod y Neidr)	SJ24905264 (Supplied by Original Recorder (Checked))	01/11/1985	Dawn Gray and Janice Butler	Rare		Eisteddfod Grassland	Dried up pond. Habitat: Marshy grassland	D1239/012/01	LI-48[LS], LI- 49[LS], LI-50[LS], LI-51[LS]	PC
<i>Ophrys apifera</i> (Bee Orchid / Tegeirian y Wenynen)	SJ2551	15/06/2006	Lawton Roberts, J.			Hafod Farm		D1169/004/02	CITES-B, LBAP- G, LI-48[LR], LI- 49[LS]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Ophrys apifera</i> (Bee Orchid / Tegeirian y Wenynen)	SJ25245227	03/08/2016	Williams, D.			Minera Quarry	A few spikes near edge of cliff.	D1169/004/02	CITES-B, LBAP-G, LI-48[LR], LI-49[LS]	NA
<i>Ophrys apifera</i> (Bee Orchid / Tegeirian y Wenynen)	SJ256520 (Selected from Interactive Map)	16/06/2019	Charlotte Anderson	1		Minera Quarry	In peak condition on other side of fence walking from car park	D1117/001/01	CITES-B, LBAP-G, LI-48[LR], LI-49[LS]	KC
<i>Orchidaceae</i> (Orchid)	SJ25305233 (Supplied by Original Recorder (Checked))	01/11/1985	Dawn Gray and Janice Butler	Frequent/Occasional		Eisteddfod Grassland	Area rich with orchids. Habitat: Unimproved calcareous grassland	D1239/012/01	CITES-B, LBAP-T	PC
<i>Orchidaceae</i> (Orchid)	SJ25285228 (Supplied by Original Recorder (Checked))	01/11/1985	Dawn Gray and Janice Butler	Frequent/Occasional		Eisteddfod Grassland	Habitat: Unimproved calcareous grassland	D1239/012/01	CITES-B, LBAP-T	PC
<i>Orchidaceae</i> (Orchid)	SJ250524 (Estimated (Centroid of Site))	01/11/1985	Dawn Gray and Janice Butler	Frequent/Occasional		Eisteddfod Grassland	Dried up pond. Habitat: Marshy grassland	D1239/012/01	CITES-B, LBAP-T	PC
<i>Orchis mascula</i> (Early-purple Orchid / Tegeirian Coch y Gwanwyn)	SJ250524 (Estimated (Centroid of Site))	01/11/1985	Dawn Gray and Janice Butler	Locally Abundant		Eisteddfod Grassland	Habitat: Unimproved calcareous grassland	D1239/012/01	LI-48[LS]	PC
<i>Orchis mascula</i> (Early-purple Orchid / Tegeirian Coch y Gwanwyn)	SJ24875204	02/06/2018	Wallace, Ian			Minera Quarry		D1823/003/01	LI-48[LS]	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Oreopteris limbosperma</i> (Lemon-scented Fern / Rhedynen Bêr y Mynydd)	SJ2450	25/04/2011	Shanklin, J.			Esclusham Mountain		D1169/004/02	LI-51[LS], LI-52[LR]	NA
<i>Oreopteris limbosperma</i> (Lemon-scented Fern / Rhedynen Bêr y Mynydd)	SJ2550	30/07/2011	Shanklin, J.			Esclusham Mountain		D1169/004/02	LI-51[LS], LI-52[LR]	NA
<i>Orthotrichum cupulatum</i> (Hooded Bristle-moss)	SJ2450	2 records, between 22/09/1996 and 05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C	NA
<i>Orthotrichum cupulatum</i> (Hooded Bristle-moss)	SJ2551	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C	NA
<i>Orthotrichum cupulatum</i> (Hooded Bristle-moss)	SJ2550	22/09/1996	Hodgetts, N.G.			-Withheld-	-Withheld-	D1075/001/06	LBAP-C	NA
<i>Orthotrichum cupulatum</i> (Hooded Bristle-moss)	SJ2552	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C	NA
<i>Orthotrichum pulchellum</i> (Elegant Bristle-moss)	SJ2450	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C, LBAP-F	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Orthotrichum pulchellum</i> (Elegant Bristle-moss)	SJ2551	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C, LBAP-F	NA
<i>Orthotrichum pulchellum</i> (Elegant Bristle-moss)	SJ247517	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C, LBAP-F	NA
<i>Palustriella falcata</i>	SJ2450	22/09/1996	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-51[EX]	NA
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ247516 (Estimated (Centroid of Site))	30/10/1985	Janice Butler and Dawn Gray			Aber Sychnant Grassland		D1239/012/01	Bern2, LBAP-C	PC
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ253519 (Estimated (Centroid of Site))	02/06/2018	Anon			Minera Quarry		D1823/001/01	Bern2, LBAP-C	PC
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ2453	59 records, between 13/12/2007 and 19/04/2020	Anon; Julie Chicken; Steven Davies; John Rushton; Mr Steven Davies	1; 2; 3; 4; 2+	Reported to recorder		Occurrence ID: NBN-GA000656-BGBW2009-16439822-106429278; Survey: Observer data; Birdtrack; Birdtrack. Activity: H; Birdtrack.; Birdtrack.. Activity: H; BirdTrack; BirdTrack. Activity: H; BirdTrack. Activity: P	D1852/002/01 , D0062/008/01 , D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01	Bern2, LBAP-C	PC, NA, UA
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ2552	6 records, between 13/12/2007 and 29/07/2019	Anon; Julie Chicken; Steven Davies; Mrs Heather Cartwright; Dr Anne Brenchley	2; 1	Reported to recorder		Occurrence ID: NBN-GA000656-BGBW2009-16440297-106429659; Survey: Observer data; BirdTrack. Activity: H; Bird Track; Breeding status: FL	D1852/002/01 , D0062/008/01 , D1297/025/01 , D1297/026/01	Bern2, LBAP-C	PC, NA

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)	SJ2553	3 records, between 24/01/2009 and 29/06/2011	Anon; Steven Davies	1			Occurrence ID: NBN-GA000656- BGBW2009- 16440250- 106429755; Birdtrack.: Activity: H; BirdTrack	D1852/002/01 , D1297/025/01	Bern2, LBAP-C	PC
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ2351	11 records, between 01/04/2006 and 28/03/2019	Julie Rogers; Julie Chicken; Trevor Britton; Mike Radcliffe; Helen Conrad; Jenny Thomas; Dr Anne Brenchley	1; 2	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; Breeding status: S	D0062/008/01 , D1297/026/01	Bern2, LBAP-C	NA, PC
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ2252	3 records, between 10/04/2010 and 04/04/2015	Tim Ross; Steven Davies	1	Reported to recorder	Llandegla, Moel Garegog, E	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	Bern2, LBAP-C	NA, PC
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ2452	5 records, between 26/06/2010 and 24/03/2018	Des James; Steven Davies; Ray Eades; Anon	2; 1	Reported to recorder	Gwynfryn, W	Survey: Observer data; Birdtrack.: Activity: H; BirdTrack	D0062/008/01 , D1297/025/01	Bern2, LBAP-C	NA, PC
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ2353	09/12/2005	Julie Rogers	2+	Reported to recorder	Llandegla Forest, NE	Survey: Observer data	D0062/008/01	Bern2, LBAP-C	NA
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ2251	3 records, between 19/04/2009 and 21/03/2018	Steven Davies; Norma Williams; Dave Beevers			Llandegla Forest	Birdtrack. Activity: S; BirdTrack	D1297/025/01	Bern2, LBAP-C	PC
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ2352	28/02/2011	Steven Davies			Llandegla Forest, NE	BirdTrack	D1297/025/01	Bern2, LBAP-C	PC
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ2451	21/02/2017	Neil Hughes	1		Gwynfryn, SW	BirdTrack	D1297/025/01	Bern2, LBAP-C	PC
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ2153	2 records, between 28/04/2010 and 12/07/2012	Steven Davies	2		Moel Garegog, N	Birdtrack.: Activity: H; BirdTrack. Activity: FL	D1297/025/01	Bern2, LBAP-C	PC

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)	SJ2454	22/07/2018	Steven Davies	1		Rhydtalog, E		D1297/025/01	Bern2, LBAP-C	PC
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ2550	8 records, between 25/05/2014 and 22/01/2020	Zac Hinchcliffe; John F Jones; Mr J F Jones; Mr J Jones	1; 2; 7		Ruabon Mountain, Esclusham Mountain	BirdTrack	D1297/025/01 , D1297/026/01 , D1297/039/01	Bern2, LBAP-C	PC, UA
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ2551	7 records, between 28/02/2011 and 15/08/2020	Steven Davies; N Duggan; Mr Justin Williams; Mr Steven Davies	1; 2; 4		Ruabon Mountain, Esclusham Mountain, N	BirdTrack; BirdTrack. Activity: H; BirdTrack. Activity: FL	D1297/025/01 , D1297/039/01	Bern2, LBAP-C	PC, UA
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ2450	2 records, between 05/04/2014 and 25/03/2016	Rob Swift			Ruabon Mountain, Esclusham Mountain, W	BirdTrack	D1297/025/01	Bern2, LBAP-C	PC
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ2151	2 records, between 17/05/2010 and 10/04/2016	Steven Davies; Rupert J Pyrah	1		Tafarn-y-garth	Birdtrack.: Activity: H; BirdTrack	D1297/025/01	Bern2, LBAP-C	PC
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ257523	27/09/2012	Martyn Harris		Field record	Gwynfryn, near Minera, Denbighshire	A few.	D0969/001/05	Bern2, LBAP-C	PC
<i>Parus major</i> (Great Tit / Titw Mawr)	SJ23525216 (Selected from Interactive Map)	19/11/2020	Thomas Hiles	2		Llandegla Forest	Part of a flock of small birds feeding on Larch Trees at around Midday.	D1117/001/01	Bern2, LBAP-C	UA
<i>Pellia neesiana</i> (Nees' Pellia)	SJ2151	08/06/2013	Shanklin, J.D.			-Withheld-	-Withheld-	D1075/001/06	LBAP-C	NA
<i>Pellia neesiana</i> (Nees' Pellia)	SJ2354	1971	Hill, M.O.			-Withheld-	-Withheld-	D1075/001/06	LBAP-C	NA
<i>Petasites hybridus</i> (Butterbur / Alan Mawr)	SJ2354	13/10/2015	Jonathan Shanklin			Rhydtalog		D1587/004/01	LI-48[LS], LI- 50[LR]	PC
<i>Petasites hybridus</i> (Butterbur / Alan Mawr)	SJ2551	26/09/2016	Denbs Group (Williams, D.)			Hafod Farm	Lane	D1169/004/02	LI-48[LS], LI- 50[LR]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Petasites hybridus</i> (Butterbur / Alan Mawr)	SJ2453	16/11/2018	Jonathan D Shanklin			Tan-y-bryn		D1587/026/01	LI-48[LS], LI-50[LR]	PC
<i>Phylloscopus collybita</i> (Chiffchaff / Siff-Siaff)	SJ253519 (Estimated Centroid of Site))	02/06/2018	Anon			Minera Quarry		D1823/001/01	LBAP-C	PC
<i>Phylloscopus collybita</i> (Chiffchaff / Siff-Siaff)	SJ2453	45 records, between 01/04/2002 and 30/08/2020	Kevin J Smith; Steven Davies; Julie Chicken; Mr Steven Davies	1; 3; 4; 2+; 2; 3+	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; timed tetrad visit in SJ25L. Survey: Observer data; Birdtrack. Activity: S; Birdtrack.: Activity: S; BirdTrack; BirdTrack. Activity: S; BirdTrack. Activity: T	D0062/008/01 , D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01 , D1297/041/01	LBAP-C	NA, PC, UA
<i>Phylloscopus collybita</i> (Chiffchaff / Siff-Siaff)	SJ2351	29 records, between 21/05/2006 and 22/03/2020	Julie Chicken; Barry Lynes; Helen Conrad; Julie Rogers; Stephen Mcavoy; Steven Davies; David Keeling; Shelagh A Halsey; Ray Eades; Neil Hughes; Heather Cartwright; Trevor B Taylor; Mr T Taylor; Dr ...	1; 5; 6; 2; 4; 3	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; Birdtrack; Birdtrack.: Activity: S; BirdTrack; BirdTrack. Activity: S; Bird Track; Breeding status: S	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	LBAP-C	NA, PC, UA
<i>Phylloscopus collybita</i> (Chiffchaff / Siff-Siaff)	SJ2350	2 records, between 01/04/2012 and 15/04/2012	Julie Chicken	1; 2	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data	D0062/008/01	LBAP-C	NA
<i>Phylloscopus collybita</i> (Chiffchaff / Siff-Siaff)	SJ2552	8 records, between 02/05/2009 and 29/07/2019	Bob Lane; Steven Davies; Mrs Heather Cartwright; Dr Anne Brenchley	1; 2	Reported to recorder	Gwynfryn	Survey: Observer data; Birdtrack. Activity: S; Birdtrack.: Activity: S; BirdTrack; BirdTrack. Activity: S; Breeding status: S	D0062/008/01 , D1297/025/01 , D1297/026/01	LBAP-C	NA, PC

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)	SJ2452	3 records, between 26/05/2012 and 26/05/2013	Corinne R Williams; Jenny Thomas; Steven Davies	1; 2	Reported to recorder	Gwynfryn, W	Survey: Observer data; BirdTrack. Activity: S	D0062/008/01 , D1297/025/01	LBAP-C	NA, PC
<i>Phylloscopus collybita</i> (Chiffchaff / Siff-Siaff)	SJ2451	4 records, between 05/05/2012 and 23/04/2019	Ros Lane; Ray Eades; Barrie J Roberts; Mr James Hughes	3; 2	Reported to recorder	Gwynfryn, SW	Survey: Observer data; BirdTrack. Activity: S; Bird Track; Breeding status: S	D0062/008/01 , D1297/025/01 , D1297/026/01	LBAP-C	NA, PC
<i>Phylloscopus collybita</i> (Chiffchaff / Siff-Siaff)	SJ2454	3 records, between 03/04/2008 and 22/07/2018	Ian M Spence; Steven Davies	2+; 1	Reported to recorder	Rhydtalog, E	Singing. Survey: Observer data; Birdtrack. Activity: S	D0062/008/01 , D1297/025/01	LBAP-C	NA, PC
<i>Phylloscopus collybita</i> (Chiffchaff / Siff-Siaff)	SJ2553	3 records, between 18/04/2010 and 29/06/2011	Steven Davies			Bwlchgwyn, W	Birdtrack.: Activity: S; BirdTrack	D1297/025/01	LBAP-C	PC
<i>Phylloscopus collybita</i> (Chiffchaff / Siff-Siaff)	SJ2251	12 records, between 27/06/2012 and 11/07/2018	Steven Davies; Norma Williams; Graham Jones	2; 1		Llandegla Forest	BirdTrack. Activity: S; BirdTrack; Activity: S	D1297/025/01	LBAP-C	PC
<i>Phylloscopus collybita</i> (Chiffchaff / Siff-Siaff)	SJ2352	19/05/2018	John Finnan			Llandegla Forest, NE		D1297/025/01	LBAP-C	PC
<i>Phylloscopus collybita</i> (Chiffchaff / Siff-Siaff)	SJ2250	3 records, between 21/05/2006 and 28/04/2013	Henry RA Cook; Louise Bailey	1		Llandegla Forest, S	Birdtrack; BirdTrack	D1297/025/01	LBAP-C	PC

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)	SJ2252	2 records, between 27/06/2012 and 28/04/2013	Steven Davies	1		Llandegla, Moel Garegog, E	BirdTrack. Activity: S; BirdTrack	D1297/025/01	LBAP-C	PC
<i>Phylloscopus collybita</i> (Chiffchaff / Siff-Siaff)	SJ2550	4 records, between 21/06/2016 and 02/05/2019	DV Avis; Mike Wakeman; Mr J F Jones; Mr Michael Wakeman	1; 4		Ruabon Mountain, Esclusham Mountain	BirdTrack	D1297/025/01 , D1297/026/01	LBAP-C	PC
<i>Phylloscopus collybita</i> (Chiffchaff / Siff-Siaff)	SJ2551	10 records, between 07/09/2010 and 15/08/2020	Norman Hallas; Steven Davies; N Duggan; Colin A Penny; Mr James Hughes; Dr Anne Brenchley; Mr Justin Williams; Mr Steven Davies	1; 2		Ruabon Mountain, Esclusham Mountain, N	Birdtrack.: Activity: S; BirdTrack. Activity: H; BirdTrack; Breeding status: S	D1297/025/01 , D1297/026/01 , D1297/039/01	LBAP-C	PC, UA
<i>Phylloscopus collybita</i> (Chiffchaff / Siff-Siaff)	SJ2450	05/04/2014	Rob Swift			Ruabon Mountain, Esclusham Mountain, W	BirdTrack	D1297/025/01	LBAP-C	PC
<i>Phylloscopus collybita</i> (Chiffchaff / Siff-Siaff)	SJ2151	2 records, between 17/05/2010 and 10/04/2016	Steven Davies; Rupert J Pyrah			Tafarn-y-garth	Birdtrack.: Activity: S; BirdTrack	D1297/025/01	LBAP-C	PC
<i>Plagiommium cuspidatum</i> (Estimated (From Recorder's Map)) (Woodsy Thyme-moss)	SJ252516	12/09/1996	Dan Guest, Stuart Smith	1 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	LBAP-C	NA
<i>Plagiommium cuspidatum</i> (Woodsy Thyme-moss)	SJ2450	22/09/1996	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Plagiommium elatum</i> (Tall Thyme-moss)	SJ2450	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C, LBAP-F, LI-51[LR]	NA
<i>Poa compressa</i> (Flattened Meadow-grass / Gweunwellt Cywasgedig)	SJ255521	30/06/2013	Matthew Wallace			Minera Quarry, tarmacked track leading up into quarry.	Numerous plants growing along edge of track. Matches well description given in BSBI Grass Handbook (Cope and Gray (2009)). Voucher Specimen taken.	D1117/001/01	LBAP-G, LI-48[LS], LI-49[LS], LI-52[LR]	PC
<i>Poa compressa</i> (Flattened Meadow-grass / Gweunwellt Cywasgedig)	SJ256521	26/09/2016	Denbs Group (Williams, D.)			Minera Quarry	Track below cliff	D1169/004/02	LBAP-G, LI-48[LS], LI-49[LS], LI-52[LR]	NA
<i>Pohlia wahlenbergii</i> (Pale Glaucous Thread-moss)	SJ2450	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C	NA
<i>Polypodium interjectum</i> (Intermediate Polypody / Llawredynen Ganolig)	SJ2252	25/04/2011	Shanklin, J.			Casgan Dittw		D1169/004/02	LI-51[LS]	NA
<i>Polypodium vulgare</i> x <i>interjectum</i> = <i>P. x mantoniae</i> (Polypody)	SJ2151	08/06/2013	Shanklin, J.			Llandegla Forest		D1169/004/02	LBAP-G, LI-49[LR], LI-50[LR]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Polystichum aculeatum</i> (Hard Shield-fern / Gwrychredynen Galed)	SJ2552	15/08/2003	Whild, Dr S.J.			Minera Quarry		D1169/004/02	LI-49[LS], LI-52[LS]	NA
<i>Polytrichum strictum</i> (Strict Haircap)	SJ2354	1972	Hill, M.O.			-Withheld-	-Withheld-	D1075/001/06	LI-51[LR], LI-52[LR]	NA
<i>Polytrichum strictum</i> (Strict Haircap)	SJ2450	22/09/1996	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-51[LR], LI-52[LR]	NA
<i>Populus nigra</i> (Black-poplar / Poplysen Ddu)	SJ2252 (Selected from Interactive Map)	10/01/2017	Amy Green	2		Llandegla fisheries	Male 23 and 34	D1447/001/01	GBNNSIP, LBAP-T	PC
<i>Populus tremula</i> (Aspen / Aethnen)	SJ2254	13/10/2015	Jonathan Shanklin			Rhydtalog		D1169/004/02	LI-52[LS]	NA
<i>Populus tremula</i> (Aspen / Aethnen)	SJ247516 (Estimated Centroid of Site))	30/10/1985	Janice Butler and Dawn Gray	Rare		Aber Sychnant Grassland	Habitat: Semi-natural Broadleaved Woodland	D1239/012/01	LI-52[LS]	PC
<i>Populus tremula</i> (Aspen / Aethnen)	SJ2552	02/06/2018	Wallace, Ian			Minera Quarry	Very small seedling	D1823/003/01	LI-52[LS]	PC
<i>Porella cordaeana</i> (Cliff Scalewort)	SJ250520	2 records, both on 05/04/2008	Long, D.G.; British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-48[LR], LI-51[LR], LI-52[LR]	NA
<i>Porella platyphylla</i> (Wall Scalewort)	SJ2450	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-49[LR]	NA
<i>Porella platyphylla</i> (Wall Scalewort)	SJ2551	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-49[LR]	NA
<i>Primula veris</i> (Cowslip / Briallen Fair)	SJ254524 (Estimated (From Recorder's Map))	04/08/1988	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-48[LS]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Primula veris</i> (Cowslip / Briallen Fair)	SJ254523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-48[LS]	NA
<i>Primula veris</i> (Cowslip / Briallen Fair)	SJ249525 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-48[LS]	NA
<i>Primula veris</i> (Cowslip / Briallen Fair)	SJ249523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	4 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-48[LS]	NA
<i>Primula veris</i> (Cowslip / Briallen Fair)	SJ256523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-48[LS]	NA
<i>Primula veris</i> (Cowslip / Briallen Fair)	SJ257522 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-48[LS]	NA
<i>Primula veris</i> (Cowslip / Briallen Fair)	SJ248524 (Estimated (From Recorder's Map))	11/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	1 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-48[LS]	NA
<i>Primula veris</i> (Cowslip / Briallen Fair)	SJ254519 (Estimated (From Recorder's Map))	2 records, both on 12/09/1996	Dan Guest, Stuart Smith	4 DOMIN (Estimate); 1 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	LI-48[LS]	NA
<i>Primula veris</i> (Cowslip / Briallen Fair)	SJ254518 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	LI-48[LS]	NA
<i>Primula veris</i> (Cowslip / Briallen Fair)	SJ253518 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	LI-48[LS]	NA
<i>Primula veris</i> (Cowslip / Briallen Fair)	SJ253522	03/08/2016	Williams, D.			Minera Quarry	Open limestone grassland. Scattered occasionally	D1169/004/02	LI-48[LS]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Primula veris</i> (Cowslip / Briallen Fair)	SJ2151	08/06/2013	Shanklin, J.			Llandegla Forest		D1169/004/02	LI-48[LS]	NA
<i>Primula veris</i> (Cowslip / Briallen Fair)	SJ2252	25/04/2011	Shanklin, J.			Casgan Dittw		D1169/004/02	LI-48[LS]	NA
<i>Primula veris</i> (Cowslip / Briallen Fair)	SJ24715197 (Supplied by Original Recorder (Checked))	01/11/1985	Dawn Gray and Janice Butler	Locally Abundant		Eisteddfod Grassland	Habitat: Unimproved calcareous grassland	D1239/012/01	LI-48[LS]	PC
<i>Primula veris</i> (Cowslip / Briallen Fair)	SJ250524 (Estimated (Centroid of Site))	01/11/1985	Dawn Gray and Janice Butler	Frequent/Occasional		Eisteddfod Grassland	Habitat: Basic dry grassland/heath mosaic	D1239/012/01	LI-48[LS]	PC
<i>Primula veris</i> (Cowslip / Briallen Fair)	SJ24875204	02/06/2018	Wallace, Ian			Minera Quarry		D1823/003/01	LI-48[LS]	PC
<i>Puccinia betonicae</i> (Betony Rust / Rhwd Cribau Sant Ffraed)	SJ256523	03/06/2017	A.N. & J.E.Graham			Eisteddfod Farm, Gwynfryn	Common here. Host species: <i>Betonica officinalis</i> . Spore stage: III	D0135/016/01	LBAP-C	NA
<i>Pyrrhosoma nymphula</i> (Large Red Damselfly / Mursen Fawr Goch)	SJ249526 (Estimated (Centroid of Site))	2 records, both on 03/07/1979	Parker, D M; D.M. Parker	Present adult		Wrexham, near Eisteddfod		D0158/003/01 , D1295/001/04	LBAP-S	PC, 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)	SJ244533	26/05/2012	Steven Davies	1 Adult		Nant-y-Ffrith Reservoir		D1117/001/01	LBAP-S	PC
<i>Pyrrhosoma nymphula</i> (Large Red Damselfly / Mursen Fawr Goch)	SJ25205219 (Selected from Interactive Map)	29/06/2019	Susan Loose	17 Adult; 2 Copulating	Live Sighting	Minera quarry		D1117/001/01	LBAP-S	KC
<i>Pyrrhosoma nymphula</i> (Large Red Damselfly / Mursen Fawr Goch)	SJ2552	2017	A.N. & J.E.Graham			Eisteddfod Farm, Gwynfryn	Very common here, as everywhere	D0135/001/05	LBAP-S	NA
<i>Pyrrhosoma nymphula</i> (Large Red Damselfly / Mursen Fawr Goch)	SJ22845220	06/05/2011	Allan Brandon	6-20 adult		Casgan Fishery Lake, Llandegla		D1295/001/04	LBAP-S	NA
<i>Pyrrhosoma nymphula</i> (Large Red Damselfly / Mursen Fawr Goch)	SJ224520	04/05/2011	Allan Brandon	6-20 adult		Tynymynydd Farm fishing lake, Llandegla		D1295/001/04	LBAP-S	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)	SJ223532	06/07/1987	Rob W Whitehead	2-5 adult		Moel Garegog - Duck Pool		D1295/001/04	LBAP-S	NA
<i>Pyrrhosoma nymphula</i> (Large Red Damselfly / Mursen Fawr Goch)	SJ22945224	2 records, between 04/05/2011 and 06/05/2011	Allan Brandon	2-5 adult; 6-20 adult		Llandegla Fly Fishery ponds		D1295/001/04	LBAP-S	NA
<i>Racomitrium elongatum</i> (Long Fringe-moss)	SJ2450	22/09/1996	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-52[LR]	NA
<i>Racomitrium ericoides</i> (Dense Fringe-moss)	SJ2550	22/09/1996	Hodgetts, N.G.			-Withheld-	-Withheld-	D1075/001/06	LI-52[EX]	NA
<i>Racomitrium ericoides</i> (Dense Fringe-moss)	SJ2450	22/09/1996	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-52[EX]	NA
<i>Ranunculus aquatilis</i> (Common Water-crowfoot / Crafanc-y-Frân y Dwr)	SJ24575132	04/05/2005	Lawton Roberts, J.			Esclusham Mountain	1st in SJ25 since 1986. Pool by Park Farm gateway	D1169/004/02	LI-48[LR], LI-50[LS]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Reseda luteola</i> (Weld / Melengu)	SJ2452	28/07/2011	Shanklin, J.			Gwynfryn		D1169/004/02	GBNNSIP, LI-48[LS]	NA
<i>Reseda luteola</i> (Weld / Melengu)	SJ2453	16/11/2018	Jonathan D Shanklin			Tan-y-bryn		D1587/026/01	GBNNSIP, LI-48[LS]	PC
<i>Rhizomnium pseudopunctatum</i> (Felted Thyme-moss)	SJ2353	1950 to 1988	Hill, M.O.			-Withheld-	-Withheld-	D1075/001/06	LBAP-C, LI-51[LR], LI-52[LR]	NA
<i>Rhodobryum roseum</i> (Rose-moss)	SJ2450	22/09/1996	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C, LBAP-F, LI-48[LR], LI-49[LR], LI-50[LR], LI-51[LR]	NA
<i>Rhynchostegium murale</i> (Wall Feather-moss)	SJ2552	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-48[LR]	NA
<i>Rosa caesia</i> subsp. <i>caesia</i> (Hairy Dog-rose / Rhosyn Rhuddlas)	SJ254523	26/09/2016	Denbs Group (Williams, D.)			Minera Quarry	Old road through wooded area	D1169/004/02	LI-48[LR], LI-50[LR], LI-52[LR]	NA
<i>Rosa caesia</i> subsp. <i>vosagiaca</i> (Glaucous Dog-rose / Rhosyn Llwydwyrdd)	SJ257518	02/09/2002	Kay, G.M.			Minera		D1169/004/02	LI-48[LS], LI-49[LR], LI-50[LR]	NA
<i>Rosa canina</i> x <i>mollis</i> = <i>R. x molletorum</i>	SJ257518	2 records, both on 02/09/2002	Kay, G.M.			Minera		D1169/004/02	LI-50[LR]	NA
<i>Rosa mollis</i> (Soft Downy-rose / Rhosyn Blewog)	SJ257518	02/09/2002	Kay, G.M.			Minera		D1169/004/02	LI-48[LS]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Rosa mollis</i> (Soft Downy-rose / Rhosyn Blewog)	SJ2453	16/11/2018	Jonathan D Shanklin			Tan-y-bryn		D1587/026/01	LI-48[LS]	PC
<i>Sagina nodosa</i> (Knotted Pearlwort / Corwlyddyn Clymog)	SJ2552	27/08/2013	Williams, D.			Minera Quarry	SJ25495212. also SJ25885195	D1169/004/02	LI-50[LS], LI-51[LS]	NA
<i>Salix cinerea</i> x <i>aurita</i> = <i>S. x multinervis</i>	SJ2151	08/06/2013	Shanklin, J.			Llandegla Forest		D1169/004/02	LI-51[LR]	NA
<i>Sanionia uncinata</i> (Sickle-leaved Hook-moss)	SJ2552	1950 to 1988	Hill, M.O.			-Withheld-	-Withheld-	D1075/001/06	LBAP-C	NA
<i>Sanionia uncinata</i> (Sickle-leaved Hook-moss)	SJ2450	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C	NA
<i>Sarmentypnum exannulatum</i> (Ringless Hook-moss)	SJ2450	22/09/1996	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C, LI-51[LR]	NA
<i>Sarmentypnum exannulatum</i> (Ringless Hook-moss)	SJ2550	22/09/1996	Hodgetts, N.G.			-Withheld-	-Withheld-	D1075/001/06	LBAP-C, LI-51[LR]	NA
<i>Saxicola rubicola</i> (Stonechat / Clochdar y Cerrig)	SJ253511 (Selected from Interactive Map)	2 records, between 15/03/2015 and 04/04/2015	Paul Martin; Mr A Humphreys-Jones	1 Adult Female; 3		Esclusham Mountain	Sitting on barbed wire fence.	D1117/001/01 , D1297/020/01	Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G	PC
<i>Saxicola rubicola</i> (Stonechat / Clochdar y Cerrig)	SJ2552	01/11/2004	Steven Davies	1	Reported to recorder	Gwynfryn	Survey: Observer data	D0062/008/01	Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Saxicola rubicola</i> (Stonechat / Clochdar y Cerrig)	SJ2351	21 records, between 17/06/2005 and 21/07/2020	Julie Rogers; Julie Chicken; Helen Conrad; Barry Lynes; David Richardson; Steven Davies; David Keeling; Shelagh A Halsey; Peter A Sketch; Heather Cartwright; Mrs Heather Cartwright; Mr T Taylor; Dr...	1; 1 Female; 1 Male; 2 Male; 2; 4	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; RR. Survey: Observer data; singing. Survey: Observer data; BirdTrack; BirdTrack. Activity: H; Breeding status: P	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G	NA, PC, UA
<i>Saxicola rubicola</i> (Stonechat / Clochdar y Cerrig)	SJ2451	2 records, between 05/05/2012 and 23/04/2019	Ros Lane; Mr James Hughes	1; 2	Reported to recorder	Gwynfryn, SW	Survey: Observer data; Breeding status: P	D0062/008/01 , D1297/026/01	Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G	NA, PC
<i>Saxicola rubicola</i> (Stonechat / Clochdar y Cerrig)	SJ2350	26/05/2012	Jenny Thomas	1	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data	D0062/008/01	Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G	NA
<i>Saxicola rubicola</i> (Stonechat / Clochdar y Cerrig)	SJ2550	27 records, between 04/11/2004 and 03/08/2020	John Lawton Roberts; Steven Davies; Kevin J Smith; Mark T Breaks; Darren C Coombs; JK Ogden; Duncan Halpin; DV Avis; John F Jones; Kenny D Hall; Emma Broad; Heather Cartwright; Jim Shrimpton; Mr J...	1; 2; 3; 1 Male; 4; 8; 3+	Reported to recorder	Ruabon Mountain, Esclusham Mountain	Survey: Observer data; Activity: H. Survey: Observer data; BirdTrack; Bird Track; One male	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G	NA, PC, UA
<i>Saxicola rubicola</i> (Stonechat / Clochdar y Cerrig)	SJ2453	9 records, between 06/02/2008 and 25/10/2020	Steven Davies; Mr Steven Davies	2; 1	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; Birdtrack	D0062/008/01 , D1297/025/01 , D1297/039/01 , D1297/040/01	Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G	NA, PC, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Saxicola rubicola</i> (Stonechat / Clochdar y Cerrig)	SJ2551	17 records, between 14/06/2009 and 20/06/2020	Julie Chicken; John Lawton Roberts; Norman Hallas; N Duggan; Dave Beevers; Steven Davies; Colin A Penny; Justin B Williams; Neil Hughes; Paul E Miller; Mr Paul Miller; Mr James Hughes; Mr Steven Da...	3; 2; 1; 4; 6+	Reported to recorder	Ruabon Mountain, Esclusham Mountain, N	Survey: Observer data; Activity: H. Survey: Observer data; Birdtrack. Activity: H; Birdtrack. Activity: P; Birdtrack.. Activity: H; BirdTrack; BirdTrack. Activity: P; Activity: P; Activity: FL; Breeding status: FF	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G	NA, PC, UA
<i>Saxicola rubicola</i> (Stonechat / Clochdar y Cerrig)	SJ2253	5 records, between 21/03/2008 and 23/06/2008	Dermot J Smith	1 Female; 1 Male; 2; 4	Reported to recorder	Moel Garegog, NE	Survey: Observer data; Birdtrack. Activity: FF; Birdtrack	D0062/008/01 , D1297/025/01	Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G	NA, PC
<i>Saxicola rubicola</i> (Stonechat / Clochdar y Cerrig)	SJ2452	2 records, between 06/02/2008 and 22/03/2018	Steven Davies; Anne Brenchley	1 Male	Reported to recorder	Gwynfryn, W	SW side of Nant- y-Ffrith Reservoir. Survey: Observer data	D0062/008/01 , D1297/025/01	Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G	NA, PC
<i>Saxicola rubicola</i> (Stonechat / Clochdar y Cerrig)	SJ2353	15/05/2004	David Richardson	1 Male	Reported to recorder	Llandegla, Moor, NE	Survey: Observer data	D0062/008/01	Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G	NA
<i>Saxicola rubicola</i> (Stonechat / Clochdar y Cerrig)	SJ2251	5 records, between 13/07/2016 and 12/07/2017	Mark R Peers; Norma Williams			Llandegla Forest	BirdTrack	D1297/025/01	Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G	PC
<i>Saxicola rubicola</i> (Stonechat / Clochdar y Cerrig)	SJ2352	19/04/2008	Dermot J Smith	2		Llandegla Forest, NE	Birdtrack. Activity: P	D1297/025/01	Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G	PC
<i>Saxicola rubicola</i> (Stonechat / Clochdar y Cerrig)	SJ2354	28/05/2012	Steven Davies	2		Rhydtalog	BirdTrack. Activity: P	D1297/025/01	Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G	PC
<i>Saxicola rubicola</i> (Stonechat / Clochdar y Cerrig)	SJ2254	3 records, between 20/04/2009 and 09/08/2014	Steven Davies	1; 7+		Rhydtalog, W	Birdtrack. Activity: H; BirdTrack. Activity: H; BirdTrack. Activity: FL	D1297/025/01	Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G	PC
<i>Saxicola rubicola</i> (Stonechat / Clochdar y Cerrig)	SJ2450	7 records, between 25/05/2013 and 06/03/2020	Steven Davies; Tony G Jackson; Rob Swift; Ifor Jones; Mr Phil Bristow	1; 2; 4; 3		Ruabon Mountain, Esclusham Mountain, W	BirdTrack; Birdtrack. Two pairs.	D1297/025/01 , D1297/039/01	Bern2, LBAP-A, LBAP-C, LBAP-D, LBAP-F, LBAP-G	PC, UA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Saxifraga hypnoides</i> (Mossy Saxifrage / Tormaen Llydandroed)	SJ2252	25/04/2011	Shanklin, J.			Casgan Dittw	SJ227520. Introduced on wall	D1169/004/02	LI-49[LS], RL-VU	NA
<i>Saxifraga hypnoides</i> (Mossy Saxifrage / Tormaen Llydandroed)	SJ227520	25/04/2011	Shanklin, J.			Llandegla moors	Introduced on wall	D1169/004/02	LI-49[LS], RL-VU	NA
<i>Scabiosa columbaria</i> (Estimated (From Recorder's Map)) (Small Scabious / Clafrllys Bach)	SJ254524	04/08/1988	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	1 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-49[LS]	NA
<i>Scabiosa columbaria</i> (Estimated (From Recorder's Map)) (Small Scabious / Clafrllys Bach)	SJ254523	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-49[LS]	NA
<i>Scabiosa columbaria</i> (Estimated (From Recorder's Map)) (Small Scabious / Clafrllys Bach)	SJ249523	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-49[LS]	NA
<i>Scabiosa columbaria</i> (Estimated (From Recorder's Map)) (Small Scabious / Clafrllys Bach)	SJ249525	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-49[LS]	NA
<i>Scabiosa columbaria</i> (Estimated (From Recorder's Map)) (Small Scabious / Clafrllys Bach)	SJ256523	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-49[LS]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Scabiosa columbaria</i> (Small Scabious / Clafrllys Bach)	SJ252516 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	1 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	LI-49[LS]	NA
<i>Scabiosa columbaria</i> (Small Scabious / Clafrllys Bach)	SJ255522	03/08/2016	Williams, D.			Minera Quarry		D1169/004/02	LI-49[LS]	NA
<i>Scapania aspera</i> (Rough Earwort)	SJ247517	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-48[LR]	NA
<i>Scapania aspera</i> (Rough Earwort)	SJ2552	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-48[LR]	NA
<i>Scapania aspera</i> (Rough Earwort)	SJ2450	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-48[LR]	NA
<i>Scapania aspera</i> (Rough Earwort)	SJ2551	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-48[LR]	NA
<i>Scleropodium cespitosum</i> (Tufted Feather- moss)	SJ2552	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-48[LR], LI- 52[LR]	NA
<i>Senecio cambrensis</i> (Welsh Groundsel / Creulys Gymreig)	SJ255519 (Approximate)	1987	Anon			Near Gwynfryn		D0821/001/01	LBAP-C, LBAP-F, LI-51[LS], RDB- NR, RL-NT	NA
<i>Silene latifolia</i> x <i>dioica</i> = <i>S. x</i> <i>hampeana</i> (Hybrid Campion)	SJ2151	08/06/2013	Shanklin, J.			Llandegla Forest		D1169/004/02	LI-48[LR]	NA

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)	SJ2553	24/01/2009 to 25/01/2009	Anon				Occurrence ID: NBN-GA000656- BGBW2009- 16440250- 106729522	D1852/002/01	Bern2, LBAP-C	PC
<i>Sitta europaea</i> (Nuthatch / Delor y Cnau)	SJ2552	2 records, between 13/12/2007 and 28/07/2012	Julie Chicken; Steven Davies	1	Reported to recorder	Gwynfryn	Survey: Observer data; BirdTrack. Activity: H	D0062/008/01 , D1297/025/01	Bern2, LBAP-C	NA, PC
<i>Sitta europaea</i> (Nuthatch / Delor y Cnau)	SJ2453	22/09/2012	Steven Davies	1		Nant-y-Ffrith Reservoir	Birdtrack. My 1st record for the site and the 100th species I've seen there.	D1297/025/01	Bern2, LBAP-C	PC
<i>Sitta europaea</i> (Nuthatch / Delor y Cnau)	SJ2550	5 records, between 08/01/2016 and 03/08/2020	John F Jones; Mr J F Jones; Mr J Jones	1; 2		Ruabon Mountain, Esclusham Mountain	BirdTrack	D1297/025/01 , D1297/026/01 , D1297/039/01	Bern2, LBAP-C	PC, UA
<i>Sitta europaea</i> (Nuthatch / Delor y Cnau)	SJ2551	24/03/2017	N Duggan	1		Ruabon Mountain, Esclusham Mountain, N	BirdTrack	D1297/025/01	Bern2, LBAP-C	PC
<i>Spergularia marina</i> (Lesser Sea- spurrey / Troellig Arfor Bach)	SJ2453	16/11/2018	Jonathan D Shanklin			Tan-y-bryn		D1587/026/01	LI-49[LS]	PC
<i>Spergularia rubra</i> (Sand Spurrey / Troellig Arfor Coch)	SJ2551	30/07/2011	Shanklin, J.			Hafod Farm		D1169/004/02	LI-51[LS]	NA
<i>Speyeria aglaja</i> (Dark Green Fritillary / Britheg Werdd)	SJ254523 (Estimated (Centroid of Site))	3 records, between 16/08/1988 and 12/07/1999	Rob W Whitehead; Ian R. Wynne	1		Gwynfryn	adjacent to disused quarry. Breeding: No. Mature: Yes. Record type: Field record / observation	D0127/001/02	LBAP-F, LBAP-G	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Speyeria aglaja</i> (Dark Green Fritillary / Britheg Werdd)	SJ2551	12/07/2013	John Lawton Roberts	1		Minera Quarry		D0967/006/01	LBAP-F, LBAP-G	PC
<i>Speyeria aglaja</i> (Dark Green Fritillary / Britheg Werdd)	SJ256522	04/07/2011	John V.Smith	1		Minera Quarry		D1858/001/02	LBAP-F, LBAP-G	NA
<i>Speyeria aglaja</i> (Dark Green Fritillary / Britheg Werdd)	SJ253522	25/07/2018	Andrew & Janet Graham	1		Eisteddfod Farm, Gwynfryn		D1858/001/02	LBAP-F, LBAP-G	NA
<i>Speyeria aglaja</i> (Dark Green Fritillary / Britheg Werdd)	SJ250524	2 records, between 25/07/2018 and 27/07/2018	Andrew & Janet Graham; A.N & J.E. Graham	1; 1 Adult		Eisteddfod Farm, Gwynfryn	Quarry: disused	D1858/001/02 , D1373/001/05	LBAP-F, LBAP-G	NA
<i>Speyeria aglaja</i> (Dark Green Fritillary / Britheg Werdd)	SJ252522	05/08/2001	Rob W Whitehead	1	Field record	Gwynfryn - Quarry rim		D1373/001/05	LBAP-F, LBAP-G	NA
<i>Speyeria aglaja</i> (Dark Green Fritillary / Britheg Werdd)	SJ257523	12/07/2013	John Lawton Roberts	1 Adult		Minera		D1373/001/05	LBAP-F, LBAP-G	NA
<i>Speyeria aglaja</i> (Dark Green Fritillary / Britheg Werdd)	SJ246516	28/06/2011	A.N. & J.E. Graham	4 Adult		Minera Quarry		D1373/001/05	LBAP-F, LBAP-G	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Speyeria aglaja</i> (Dark Green Fritillary / Britheg Werdd)	SJ247518	28/06/2004	J. L. Roberts	1 Adult		Minera Quarry		D1373/001/05	LBAP-F, LBAP-G	NA
<i>Speyeria aglaja</i> (Dark Green Fritillary / Britheg Werdd)	SJ250520	1978	D.M. Parker	abundant		Minera Quarry	NCC Report p30. N.W. area of grassland & spoil heaps Vida ririnana & V.hirta common.	D0217/001/04	LBAP-F, LBAP-G	NA
<i>Sphagnum</i> <i>cuspidatum</i> (Feathery Bog- moss)	SJ2550	22/09/1996	Hodgetts, N.G.			-Withheld-	-Withheld-	D1075/001/06	LI-52[LR]	NA
<i>Sphagnum</i> <i>cuspidatum</i> (Feathery Bog- moss)	SJ2450	22/09/1996	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-52[LR]	NA
<i>Spinus spinus</i> (Siskin / Pila Gwyrdd)	SJ250507	06/06/2015	Mr N French	4		Worlds End		D1297/020/01	Bern2, LBAP-C	PC
<i>Spinus spinus</i> (Siskin / Pila Gwyrdd)	SJ247516 (Estimated (Centroid of Site))	30/10/1985	Janice Butler and Dawn Gray			Aber Sychnant Grassland		D1239/012/01	Bern2, LBAP-C	PC
<i>Spinus spinus</i> (Siskin / Pila Gwyrdd)	SJ2552	3 records, between 24/01/2009 and 26/06/2012	Anon; Bob Lane; Steven Davies	4; 5	Reported to recorder		Occurrence ID: NBN-GA000656- BGBW2009- 16440297- 106813598; Survey: Observer data; BirdTrack. Activity: H	D1852/002/01 , D0062/008/01 , D1297/025/01	Bern2, LBAP-C	PC, NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Spinus spinus</i> (Siskin / Pila Gwyrdd)	SJ2351	37 records, between 20/02/2005 and 22/03/2020	Julie Rogers; Mike Radcliffe; Barry Lynes; Julie Chicken; Ros Lane; Trevor Britton; Kevin J Smith; Des James; Helen Conrad; Jenny Thomas; JA Jackson; John Lawton Roberts; Stephen Mcavoy; Steven Dav...	1; 2; 3; 4; 5; 9; 10; 20; 1000; 8; 10+; 5+	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; Huge flock'. Survey: Observer data; Birdtrack. Activity: S; Birdtrack. Activity: H; BirdTrack; BirdTrack. Activity: S; Bird Track; Breeding status: H	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	Bern2, LBAP-C	NA, PC, UA
<i>Spinus spinus</i> (Siskin / Pila Gwyrdd)	SJ2251	15 records, between 28/03/2004 and 11/07/2018	Kevin J Smith; John Lawton Roberts; Steven Davies; Norma Williams; Graham Jones	1; 2; 12; 6+	Reported to recorder	Llandegla Forest	Survey: Observer data; Birdtrack. Activity: P; BirdTrack	D0062/008/01 , D1297/025/01	Bern2, LBAP-C	NA, PC
<i>Spinus spinus</i> (Siskin / Pila Gwyrdd)	SJ2452	5 records, between 04/05/2012 and 24/03/2018	Julie Chicken; Barry Lynes; Ray Eades; Anne Brencley; Anon	1; 2; 3	Reported to recorder	Gwynfryn, W	Survey: Observer data; BirdTrack. Activity: H	D0062/008/01 , D1297/025/01	Bern2, LBAP-C	NA, PC
<i>Spinus spinus</i> (Siskin / Pila Gwyrdd)	SJ2451	3 records, between 26/03/2005 and 23/04/2019	John Lawton Roberts; Barrie J Roberts; Mr James Hughes	2	Reported to recorder	Gwynfryn, SW	Over moor edge. Survey: Observer data; Bird Track	D0062/008/01 , D1297/025/01 , D1297/026/01	Bern2, LBAP-C	NA, PC
<i>Spinus spinus</i> (Siskin / Pila Gwyrdd)	SJ2350	3 records, between 01/04/2012 and 09/06/2012	Corinne R Williams; Julie Chicken	2; 3; 8	Reported to recorder	Ruabon Mountain, Esclusham Mountain, far W	Survey: Observer data	D0062/008/01	Bern2, LBAP-C	NA
<i>Spinus spinus</i> (Siskin / Pila Gwyrdd)	SJ2352	3 records, between 21/03/2008 and 19/05/2018	Dermot J Smith; Steven Davies; John Finnan	12	Reported to recorder	Llandegla Forest, NE	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	Bern2, LBAP-C	NA, PC
<i>Spinus spinus</i> (Siskin / Pila Gwyrdd)	SJ2250	6 records, between 15/04/2007 and 07/02/2017	Neil Hughes; Henry RA Cook; Louise Bailey; Samuel El Jones	1 Female; 1 Male; 1; 15+; 4	Reported to recorder	Llandegla Forest, S	Roving. Activity: P. Survey: Observer data; Birdtrack; BirdTrack	D0062/008/01 , D1297/025/01	Bern2, LBAP-C	NA, PC
<i>Spinus spinus</i> (Siskin / Pila Gwyrdd)	SJ2453	4 records, between 25/02/2010 and 07/05/2017	Steven Davies	3; 1; 2	Reported to recorder	Nant-y-Ffrith Reservoir	Activity: S. Survey: Observer data; Birdtrack.. Activity: H; Birdtrack;; BirdTrack. Activity: S	D0062/008/01 , D1297/025/01	Bern2, LBAP-C	NA, PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Spinus spinus</i> (Siskin / Pila Gwyrdd)	SJ2553	2 records, between 04/05/2010 and 03/06/2010	Steven Davies	2		Bwlchgwyn, W	Birdtrack.: Activity: P; Birdtrack.: Activity: A	D1297/025/01	Bern2, LBAP-C	PC
<i>Spinus spinus</i> (Siskin / Pila Gwyrdd)	SJ2252	2 records, between 19/04/2008 and 04/04/2015	Dermot J Smith; Steven Davies	30+; 5+		Llandegla, Moel Garegog, E	Birdtrack. Activity: S; BirdTrack	D1297/025/01	Bern2, LBAP-C	PC
<i>Spinus spinus</i> (Siskin / Pila Gwyrdd)	SJ2551	3 records, between 28/04/2014 and 22/04/2018	N Duggan; Declan Savage; Justin B Williams	1; 4; 2		Ruabon Mountain, Esclusham Mountain, N	BirdTrack	D1297/025/01	Bern2, LBAP-C	PC
<i>Spinus spinus</i> (Siskin / Pila Gwyrdd)	SJ2450	2 records, between 22/03/2015 and 26/04/2017	Tony G Jackson; Derek J Gruar	2		Ruabon Mountain, Esclusham Mountain, W	Bird Track; BirdTrack	D1297/025/01	Bern2, LBAP-C	PC
<i>Spinus spinus</i> (Siskin / Pila Gwyrdd)	SJ2550	2 records, between 01/01/2019 and 02/05/2019	Mr J F Jones	12; 6		Esclusham mountains		D1297/026/01	Bern2, LBAP-C	PC
<i>Straminergon stramineum</i> (Straw Spear-moss)	SJ2450	22/09/1996	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-51[LR]	NA
<i>Straminergon stramineum</i> (Straw Spear-moss)	SJ2550	22/09/1996	Hodgetts, N.G.			-Withheld-	-Withheld-	D1075/001/06	LI-51[LR]	NA
<i>Sylvia atricapilla</i> (Blackcap / Telor Penddu)	SJ2351	5 records, between 23/03/2007 and 05/07/2019	Julie Rogers; Steven Davies; Shelagh A Halsey; Trevor B Taylor; Mr T Taylor	1	Reported to recorder	Pendinas, Reservoir	heard singing. Survey: Observer data; BirdTrack; BirdTrack. Activity: S	D0062/008/01 , D1297/025/01 , D1297/026/01	LBAP-C	NA, PC
<i>Sylvia atricapilla</i> (Blackcap / Telor Penddu)	SJ2552	3 records, between 01/06/1991 and 30/05/2019	Julie Chicken; Dr Anne Brenchley; Dr David Emley	1	Reported to recorder	Gwynfryn	Survey: Observer data; Breeding status: S	D0062/008/01 , D1297/026/01 , D1297/042/01	LBAP-C	NA, 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)	SJ2451	26/05/2012	Jenny Thomas	1	Reported to recorder	Gwynfryn, SW	Survey: Observer data	D0062/008/01	LBAP-C	NA
<i>Sylvia atricapilla</i> (Blackcap / Telor Penddu)	SJ2453	7 records, between 18/06/2002 and 14/06/2020	Steven Davies; Mr Steven Davies	3; 1	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01 , D1297/039/01 , D1297/040/01 , D1297/041/01	LBAP-C	NA, PC, UA
<i>Sylvia atricapilla</i> (Blackcap / Telor Penddu)	SJ2251	5 records, between 23/04/2017 and 12/07/2017	Norma Williams			Llandegla Forest	BirdTrack	D1297/025/01	LBAP-C	PC
<i>Sylvia atricapilla</i> (Blackcap / Telor Penddu)	SJ2352	19/05/2018	John Finnan			Llandegla Forest, NE		D1297/025/01	LBAP-C	PC
<i>Sylvia atricapilla</i> (Blackcap / Telor Penddu)	SJ2252	2 records, between 27/07/2011 and 27/06/2012	Steven Davies	2; 1		Llandegla, Moel Garegog, E	BirdTrack; BirdTrack. Activity: FF	D1297/025/01	LBAP-C	PC
<i>Sylvia atricapilla</i> (Blackcap / Telor Penddu)	SJ2454	22/07/2018	Steven Davies	1		Rhydtalog, E		D1297/025/01	LBAP-C	PC
<i>Sylvia atricapilla</i> (Blackcap / Telor Penddu)	SJ2550	2 records, between 21/06/2016 and 02/05/2019	DV Avis; Mr J F Jones	2; 7		Ruabon Mountain, Esclusham Mountain	BirdTrack; Breeding status: S	D1297/025/01 , D1297/026/01	LBAP-C	PC
<i>Sylvia atricapilla</i> (Blackcap / Telor Penddu)	SJ2551	3 records, between 26/06/2012 and 15/08/2020	Steven Davies; N Duggan; Mr Steven Davies	2; 1		Ruabon Mountain, Esclusham Mountain, N	BirdTrack. Activity: P; BirdTrack	D1297/025/01 , D1297/039/01	LBAP-C	PC, UA
<i>Sympetrum danae</i> (Black Darter / Gwäell Ddu)	SJ25485132	3 records, all on 19/08/2012	Sue Loose	1 emergent; 1 exuvia; 1 adult		Worlds End Road, Minera		D1295/001/04	LBAP-S	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Sympetrum danae</i> (Black Darter / Gwäell Ddu)	SJ23455169	2 records, both on 10/08/2017	Aldridge, Chloe	1 adult male		Llandegla forest, Ruthin Road, Llandegla, Wrexham	On shore of reservoir in plantation and mixed forest. iRecord (iRecord general data)	D1295/001/04 , D1844/001/03	LBAP-S	NA, PC
<i>Sympetrum danae</i> (Black Darter / Gwäell Ddu)	SJ23435173	2 records, both on 27/09/2011	Sue Loose	21-100 adult; Present copulating pair or tandem		Pendinas Reservoir, Llandegla Forest		D1295/001/04	LBAP-S	NA
<i>Sympetrum danae</i> (Black Darter / Gwäell Ddu)	SJ252510	2 records, between 04/09/2005 and 08/09/2006	Bryan Formstone	2-5 adult		Minerva Mountain: small reservoir, Unspecified		D1295/001/04	LBAP-S	NA
<i>Sympetrum danae</i> (Black Darter / Gwäell Ddu)	SJ249506	13/09/2007	John Lawton Roberts	2-5 adult		Ruabon Mountain		D1295/001/04	LBAP-S	NA
<i>Thalictrum minus</i> (Lesser Meadow-rue / Arianllys Bach)	SJ250524 (Estimated (Centroid of Site))	01/11/1985	Dawn Gray and Janice Butler	Frequent/Occasional		Eisteddfod Grassland	Habitat: Basic dry grassland/heath mosaic	D1239/012/01	LI-50[LS], LI-51[LS], LI-52[LS]	PC
<i>Thamnobryum alopecurum</i> (Fox-tail Feather-moss)	SJ2551	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C	NA
<i>Thuidium assimile</i> (Philibert's Tamarisk-moss)	SJ249523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-C, LI-48[LR], LI-49[LR], LI-50[LR]	NA
<i>Thuidium assimile</i> (Philibert's Tamarisk-moss)	SJ250524 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	1 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-C, LI-48[LR], LI-49[LR], LI-50[LR]	NA
<i>Thuidium assimile</i> (Philibert's Tamarisk-moss)	SJ253518 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	LBAP-C, LI-48[LR], LI-49[LR], LI-50[LR]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Thuidium assimile</i> (Philibert's Tamarisk-moss)	SJ2550	22/09/1996	Hodgetts, N.G.			-Withheld-	-Withheld-	D1075/001/06	LBAP-C, LI-48[LR], LI-49[LR], LI-50[LR]	NA
<i>Thuidium assimile</i> (Philibert's Tamarisk-moss)	SJ2552	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-C, LI-48[LR], LI-49[LR], LI-50[LR]	NA
<i>Thuidium delicatulum</i> (Delicate Tamarisk-moss)	SJ252517 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	LI-52[LR]	NA
<i>Thuidium delicatulum</i> (Delicate Tamarisk-moss)	SJ2450	22/09/1996	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-52[LR]	NA
<i>Thuidium recognitum</i> (Lesser Tamarisk-moss)	SJ248525 (Estimated (From Recorder's Map))	04/08/1988	Anon	Q DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LBAP-D, LBAP-F, LI-50[LR], LI-51[LR]	NA
<i>Thuidium recognitum</i> (Lesser Tamarisk-moss)	SJ254522	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-D, LBAP-F, LI-50[LR], LI-51[LR]	NA
<i>Tortula lanceola</i> (Lance-leaved Pottia)	SJ251523	2 records, both on 05/04/2008	British Bryological Society Meeting; Long, D.G.			-Withheld-	-Withheld-	D1075/001/06	LBAP-C, LBAP-F, LI-49[LR], LI-51[LR], LI-52[LR]	NA
<i>Trifolium medium</i> (Zigzag Clover)	SJ254523 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	2 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	LI-48[LS]	NA
<i>Trifolium medium</i> (Zigzag Clover)	SJ25725199	08/07/2014	Williams, D.			Esclusham Mountain		D1169/004/02	LI-48[LS]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Triglochin palustre</i> (Marsh Arrowgrass / Saethbennig y Gors)	SJ247516 (Estimated Centroid of Site))	30/10/1985	Janice Butler and Dawn Gray	Frequent/Occasional		Aber Sychnant Grassland	Habitat: Marshy grassland	D1239/012/01	LI-50[LS]	PC
<i>Triglochin palustre</i> (Marsh Arrowgrass / Saethbennig y Gors)	SJ24755358	16/11/2018	Jonathan D Shanklin			Tan-y-bryn	Marshy area by river	D1587/026/01	LI-50[LS]	PC
<i>Trisetum flavescens</i> (Yellow Oat-grass / Ceirchwellt Melyn)	SJ254524 (Estimated (From Recorder's Map))	04/08/1988	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	5 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	GBNNSIP, LI-48[LS]	NA
<i>Trisetum flavescens</i> (Yellow Oat-grass / Ceirchwellt Melyn)	SJ249525 (Estimated (From Recorder's Map))	06/09/1996	Tim Blackstock, Peter Jackson, Jon Turner, Dan Guest, Stuart Smith	3 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	GBNNSIP, LI-48[LS]	NA
<i>Trisetum flavescens</i> (Yellow Oat-grass / Ceirchwellt Melyn)	SJ252516 (Estimated (From Recorder's Map))	12/09/1996	Dan Guest, Stuart Smith	4 DOMIN (Estimate)	Field record	Hafod Fields (SSSI)		D0820/001/02	GBNNSIP, LI-48[LS]	NA
<i>Tritomaria quinqueidentata</i> (Lyon's Notchwort)	SJ2450	22/09/1996	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-51[LR], LI-52[LR]	NA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Tritomaria quinqueidentata</i> (Lyon's Notchwort)	SJ2551	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-51[LR], LI-52[LR]	NA
<i>Ulex gallii</i> (Western Gorse / Eithinen Fân)	SJ220528 (Selected from Interactive Map)	06/08/2011	Emily Meilleur & recording group			Moel Garegog, Llandegla	Heathland	D1274/001/01	LBAP-A, LBAP-C, LBAP-S	KC
<i>Ulex gallii</i> (Western Gorse / Eithinen Fân)	SJ247512 (Estimated (From Recorder's Map))	05/08/1988	Peter Jackson, Jon Turner	2 DOMIN (Estimate), Seedling (Estimate)	Field record	Park Farm	Determination from imperfect material.	D0820/001/02	LBAP-A, LBAP-C, LBAP-S	NA
<i>Ulex gallii</i> (Western Gorse / Eithinen Fân)	SJ2152	31/07/2016	Jonathan Shanklin			Moel Garegog		D1587/009/01	LBAP-A, LBAP-C, LBAP-S	PC
<i>Ulex gallii</i> (Western Gorse / Eithinen Fân)	SJ254523	26/09/2016	Denbs Group (Williams, D.)			Minera Quarry	Old road through wooded area	D1169/004/02	LBAP-A, LBAP-C, LBAP-S	NA
<i>Ulex gallii</i> (Western Gorse / Eithinen Fân)	SJ2551	30/07/2011	Shanklin, J.			Hafod Farm		D1169/004/02	LBAP-A, LBAP-C, LBAP-S	NA
<i>Ulex gallii</i> (Western Gorse / Eithinen Fân)	SJ2151	08/06/2013	Shanklin, J.			Llandegla Forest		D1169/004/02	LBAP-A, LBAP-C, LBAP-S	NA
<i>Ulex gallii</i> (Western Gorse / Eithinen Fân)	SJ2254	13/10/2015	Jonathan Shanklin			Rhydtalog		D1169/004/02	LBAP-A, LBAP-C, LBAP-S	NA
<i>Ulex gallii</i> (Western Gorse / Eithinen Fân)	SJ250524 (Estimated (Centroid of Site))	3 records, all on 01/11/1985	Dawn Gray and Janice Butler	Locally Abundant; Frequent/Occasional; Locally Dominant		Eisteddfod Grassland	Willow Carr. Habitat: Semi-natural broadleaved woodland; Habitat: Unimproved calcareous grassland; Habitat: Basic dry grassland/heath mosaic	D1239/012/01	LBAP-A, LBAP-C, LBAP-S	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Ulex gallii</i> (Western Gorse / Eithinen Fân)	SJ247516 (Estimated (Centroid of Site))	4 records, all on 30/10/1985	Janice Butler and Dawn Gray	Rare; Frequent/Occasional; Locally Abundant; Locally Dominant		Aber Sychnant Grassland	Habitat: Marshy grassland; Habitat: unimproved acid grassland; Habitat: unimproved basic grassland; Habitat: dry heath/grassland mosaic (basic)	D1239/012/01	LBAP-A, LBAP-C, LBAP-S	PC
<i>Ulex gallii</i> (Western Gorse / Eithinen Fân)	SJ2453	16/11/2018	Jonathan D Shanklin			Tan-y-bryn		D1587/026/01	LBAP-A, LBAP-C, LBAP-S	PC
<i>Vaccinium oxycoccos</i> (Cranberry / Llygaeren)	SJ222530 (Selected from Interactive Map)	06/08/2011	Emily Meilleur & recording group			Duck Pond, Moel Garegog, Llandegla	Bog by pond	D1274/001/01	LI-51[LR], LI- 52[LR]	KC
<i>Vaccinium oxycoccos</i> (Cranberry / Llygaeren)	SJ2450	25/04/2011	Shanklin, J.			Esclusham Mountain		D1169/004/02	LI-51[LR], LI- 52[LR]	NA
<i>Vaccinium oxycoccos</i> (Cranberry / Llygaeren)	SJ2252	25/04/2011	Shanklin, J.			Casgan Dittw		D1169/004/02	LI-51[LR], LI- 52[LR]	NA
<i>Vaccinium oxycoccos</i> (Cranberry / Llygaeren)	SJ233539 (Selected from Interactive Map)	30/05/2019	Emily Meilleur; Gail Quartly- Bishop			Moel Garegog	Spring	D1274/001/01	LI-51[LR], LI- 52[LR]	KC
<i>Vaccinium vitis- idaea</i> (Cowberry / Llusen Goch)	SJ224522 (Selected from Interactive Map)	06/08/2011	Emily Meilleur & recording group			Moel Garegog, Llandegla	Heathland	D1274/001/01	LI-49[LS], LI- 51[LR]	KC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Vaccinium vitis-idaea</i> (Cowberry / Llusen Goch)	SJ2250	25/04/2011	Shanklin, J.			Llandegla Forest		D1169/004/02	LI-49[LS], LI-51[LR]	NA
<i>Vaccinium vitis-idaea</i> (Cowberry / Llusen Goch)	SJ230534 (Selected from Interactive Map)	30/05/2019	Emily Meilleur; Gail Quartly- Bishop			Moel Garegog	Heathland	D1274/001/01	LI-49[LS], LI-51[LR]	KC
<i>Valeriana dioica</i> (Marsh Valerian / Triaglog y Gors)	SJ2451	29/05/2004	Lawton Roberts, J.			Esclusham Mountain		D1169/004/02	LI-48[LS], LI-49[LR], LI-50[LS]	NA
<i>Viburnum opulus</i> (Guelder-rose / Gwifwrnwydden y Gors)	SJ257523	26/09/2016	Denbs Group (Williams, D.)			Minera Quarry	Lane running W to E	D1169/004/02	LI-52[LS]	NA
<i>Viola lutea</i> (Mountain Pansy / Trilliw y Mynydd)	SJ2551	2 records, both on 07/05/2011	Day, P.			Hafod Farm	SJ25595123. Abundant along a grassy area within the heath; SJ25625118. near to an old mine working, a few plants.	D1169/004/02	LI-49[LR], LI-50[LS], LI-51[LR]	NA
<i>Viola lutea</i> (Mountain Pansy / Trilliw y Mynydd)	SJ24795169	29/05/2004	Lawton Roberts, J.			Esclusham Mountain	Pasture N of Park Farm	D1169/004/02	LI-49[LR], LI-50[LS], LI-51[LR]	NA
<i>Viola odorata</i> (Sweet Violet / Fioled Bêr)	SJ255522	03/08/2016	Williams, D.			Minera Quarry		D1169/004/02	LI-48[LR]	NA
<i>Viola reichenbachiana</i> (Early Dog-violet / Fioled y Coed)	SJ248536	10/06/1981	Goronwy Wynne			Bwlchgwyn; 1m east of	hedge bank narrow lane	D0101/001/01	LI-52[LS]	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Wamstorfia fluitans</i> (Floating Hook-moss)	SJ2354	1950 to 1988	Hill, M.O.			-Withheld-	-Withheld-	D1075/001/06	LI-51[LR], LI-52[LR]	NA
<i>Wamstorfia fluitans</i> (Floating Hook-moss)	SJ2450	22/09/1996	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LI-51[LR], LI-52[LR]	NA
<i>Weissia controversa</i> (Green-tufted Stubble-moss)	SJ2450	2 records, between 22/09/1996 and 05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-D	NA
<i>Weissia controversa</i> (Green-tufted Stubble-moss)	SJ2551	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-D	NA
<i>Weissia longifolia</i> (Crisp Beardless-moss)	SJ254522	05/04/2008	British Bryological Society Meeting			-Withheld-	-Withheld-	D1075/001/06	LBAP-D	NA

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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)	SJ2550	02/05/2019	Mr J F Jones	2		Esclusham mountains		D1297/026/01	Bonn2, GBNNSIP, INNS, WCA9	PC
<i>Branta canadensis</i> (Canada Goose / Gwydd Canada)	SJ243531 (GPS Reading)	21/03/2018	Gordon Plater	20		Nant y ffrith	Reservoir	D1117/001/01	BDir2.1, Bonn2, GBNNSIP, INNS, WCA9	PC
<i>Branta canadensis</i> (Canada Goose / Gwydd Canada)	SJ2551	4 records, between 02/05/2009 and 28/04/2017	Martin G Williams; Steven Davies; N Duggan; Emma Broad	1; 3	Reported to recorder	Ruabon Mountain, Esclusham Mountain, N	Survey: Observer data; Birdtrack. Activity: M; BirdTrack	D0062/008/01 , D1297/025/01	BDir2.1, Bonn2, GBNNSIP, INNS, WCA9	NA, PC
<i>Branta canadensis</i> (Canada Goose / Gwydd Canada)	SJ2550	12 records, between 10/04/2009 and 20/03/2020	John Lawton Roberts; Kevin J Smith; Zac Hinchcliffe; John F Jones; Kenny D Hall; Mark T Breaks; Heather Cartwright; Mr James Bray; Mr Mark Breaks; Mr Michael Wakeman; Mrs Heather Cartwright	2; 3	Reported to recorder	Ruabon Mountain, Esclusham Mountain	Pair. First of spring on breeding ground, confirmed by keeper. Survey: Observer data; Survey: Observer data; BirdTrack; One over north	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01	BDir2.1, Bonn2, GBNNSIP, INNS, WCA9	NA, PC, UA
<i>Branta canadensis</i> (Canada Goose / Gwydd Canada)	SJ2351	23 records, between 04/05/2002 and 22/03/2020	John Lawton Roberts; Julie Rogers; Julie Chicken; Helen Conrad; Steven Davies; David Keeling; Andy J Bevan; Neil Hughes; Peter A Sketch; SJ Hall; Trevor B Taylor; Mr T Taylor; Dr Anne Brenchley; Mr...	2; 3; 4; 11; 6; 14; 21	Reported to recorder	Pendinas, Reservoir	Survey: Observer data; Birdtrack. Activity: M; BirdTrack; BirdTrack. Activity: P; Bird Track; BirdTrack. Activity: FL; Breeding status: P	D0062/008/01 , D1297/025/01 , D1297/026/01 , D1297/039/01 , D1297/042/01	BDir2.1, Bonn2, GBNNSIP, INNS, WCA9	NA, PC, UA
<i>Branta canadensis</i> (Canada Goose / Gwydd Canada)	SJ2452	3 records, between 28/02/2011 and 29/06/2014	Ros Lane; Steven Davies	2; 1	Reported to recorder	Gwynfryn, W	Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	BDir2.1, Bonn2, GBNNSIP, INNS, WCA9	NA, PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Branta canadensis</i> (Canada Goose / Gwydd Canada)	SJ2451	3 records, between 26/05/2012 and 23/04/2019	Jenny Thomas; Barrie J Roberts; Mr James Hughes	2	Reported to recorder	Gwynfryn, SW	Survey: Observer data; Bird Track	D0062/008/01 , D1297/025/01 , D1297/026/01	BDir2.1, Bonn2, GBNNSIP, INNS, WCA9	NA, PC
<i>Branta canadensis</i> (Canada Goose / Gwydd Canada)	SJ2453	44 records, between 28/03/2004 and 14/06/2020	John Lawton Roberts; Steven Davies; Julie Chicken; John Rushton; Mr Steven Davies	6; 12; 13; 15; 17; 3; 2; 1; 8; 4; 41; 7; 16; 5; 9; 10; 11; 14; 11+	Reported to recorder	Nant-y-Ffrith Reservoir	Survey: Observer data; WEBS. Survey: Observer data; Birdtrack; Birdtrack. Activity: H; Birdtrack. Activity: P; Birdtrack.; Birdtrack.. Activity: F; Birdtrack.. Activity: H; BirdTrack; BirdTrack. Activity: H; BirdTrack. Activity: P	D0062/008/01 , D1297/025/01 , D1297/027/01 , D1297/039/01 , D1297/040/01	BDir2.1, Bonn2, GBNNSIP, INNS, WCA9	NA, PC, UA
<i>Branta canadensis</i> (Canada Goose / Gwydd Canada)	SJ2450	2 records, between 25/03/2016 and 02/06/2016	John Lawton Roberts; Rob Swift	24 Adult; 2	Reported to recorder	Ruabon Mountain, Esclusham Mountain, W	Flying over moor. Survey: Observer data; BirdTrack	D0062/008/01 , D1297/025/01	BDir2.1, Bonn2, GBNNSIP, INNS, WCA9	NA, PC
<i>Branta canadensis</i> (Canada Goose / Gwydd Canada)	SJ2553	05/05/2013	Steven Davies	2		Bwlchgwyn, W	BirdTrack. Activity: P	D1297/025/01	BDir2.1, Bonn2, GBNNSIP, INNS, WCA9	PC
<i>Branta canadensis</i> (Canada Goose / Gwydd Canada)	SJ2251	9 records, between 19/03/2017 and 11/07/2018	Norma Williams; Graham Jones	7; 6		Llandegla Forest	BirdTrack; Activity: FL	D1297/025/01	BDir2.1, Bonn2, GBNNSIP, INNS, WCA9	PC
<i>Branta canadensis</i> (Canada Goose / Gwydd Canada)	SJ2352	19/05/2018	John Finnan			Llandegla Forest, NE		D1297/025/01	BDir2.1, Bonn2, GBNNSIP, INNS, WCA9	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Branta canadensis</i> (Canada Goose / Gwydd Canada)	SJ2250	28/04/2013	Louise Bailey	2		Llandegla Forest, S	BirdTrack	D1297/025/01	BDir2.1, Bonn2, GBNNSIP, INNS, WCA9	PC
<i>Branta canadensis</i> (Canada Goose / Gwydd Canada)	SJ2252	6 records, between 19/04/2009 and 24/03/2018	Steven Davies	6; 4; 5; 13; 17+		Llandegla, Moel Garegog, E	Birdtrack. Activity: H; BirdTrack; BirdTrack. Activity: P	D1297/025/01	BDir2.1, Bonn2, GBNNSIP, INNS, WCA9	PC
<i>Branta canadensis</i> (Canada Goose / Gwydd Canada)	SJ2253	04/05/2013	Steven Davies	2		Moel Garegog, NE	Birdtrack. Duck Pool. Activity: P	D1297/025/01	BDir2.1, Bonn2, GBNNSIP, INNS, WCA9	PC
<i>Branta canadensis</i> (Canada Goose / Gwydd Canada)	SJ2454	19/05/2011	Steven Davies	4		Rhydtalog, E	BirdTrack	D1297/025/01	BDir2.1, Bonn2, GBNNSIP, INNS, WCA9	PC
<i>Branta canadensis</i> (Canada Goose / Gwydd Canada)	SJ2151	10/04/2016	Rupert J Pyrah			Tafarn-y-garth	BirdTrack	D1297/025/01	BDir2.1, Bonn2, GBNNSIP, INNS, WCA9	PC
<i>Cotoneaster simonsii</i> (Himalayan Cotoneaster / Cotoneaster Simons)	SJ2553	16/11/2018	Jonathan D Shanklin			Coed Pen-y-nant		D1587/026/01	GBNNSIP, INNS, WCA9	PC
<i>Crassula helmsii</i> (New Zealand Pigmyweed / Corchwyn Seland Newydd)	SJ2551	30/07/2011	Shanklin, J.			Hafod Farm		D1169/004/02	GBNNSIP, INNS, 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</i> <i>crocasmiiiflora</i> (Montbretia / Crib- y-Ceiliog)	SJ257523	26/09/2016	Denbs Group (Williams, D.)			Minera Quarry	Lane running W to E	D1169/004/02	GBNNSIP, INNS, WCA9	NA
<i>Epilobium</i> <i>brunnescens</i> (New Zealand Willowherb / Helyglys Seland Newydd)	SJ2352	28/07/2011	Shanklin, J.			Casgan Dittw		D1169/004/02	GBNNSIP, INNS	NA
<i>Fallopia japonica</i> (Japanese Knotweed / Clymog Japan)	SJ2454	13/10/2015	Jonathan Shanklin			Blaenau		D1587/004/01	GBNNSIP, INNS, WCA9	PC
<i>Impatiens</i> <i>glandulifera</i> (Himalayan Balsam / Jac y Neidiwr)	SJ23305175 (Selected from Interactive Map)	30/09/2015	Mick Brummage	~100 Flowering		Llandegla Forest	64 plants removed	D1330/001/01	GBNNSIP, INNS	PC
<i>Impatiens</i> <i>glandulifera</i> (Himalayan Balsam / Jac y Neidiwr)	SJ257523	26/09/2016	Denbs Group (Williams, D.)			Minera Quarry	Lane running W to E	D1169/004/02	GBNNSIP, INNS	NA
<i>Impatiens</i> <i>glandulifera</i> (Himalayan Balsam / Jac y Neidiwr)	SJ252520 (GPS Reading)	09/07/2020	Katie Piercy	50,000 Flowering		Castle wood	Large area of dense HB. Numbers estimated.	D1330/001/01	GBNNSIP, INNS	PC

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record/Sample Type	Site Name	Notes	Dataset ID	Lists	V
<i>Lamiastrum galeobdolon</i> subsp. <i>argentatum</i> (Variegated Yellow Archangel)	SJ2553	16/11/2018	Jonathan D Shanklin			Coed Pen-y-nant		D1587/026/01	GBNNSIP, INNS, WCA9	PC
<i>Lemna minuta</i> (Least Duckweed / Llinad Bach)	SJ2453	16/11/2018	Jonathan D Shanklin			Tan-y-bryn		D1587/026/01	GBNNSIP, INNS	PC
<i>Neovison vison</i> (American Mink / Minc)	SJ245532	15/10/2009	SB & JB	scat		Nant-y-Ffrith Reservoir	Site number: DE 26	D1558/001/01	GBNNSIP, INNS, WCA9	NA
<i>Prunus laurocerasus</i> (Cherry Laurel / Coeden Lawrgeirios)	SJ2553	16/11/2018	Jonathan D Shanklin			Coed Pen-y-nant	Status: Planted	D1587/026/01	GBNNSIP, INNS	PC
<i>Rhododendron ponticum</i> (Rhododendron Wylt)	SJ2553	16/11/2018	Jonathan D Shanklin			Coed Pen-y-nant		D1587/026/01	GBNNSIP, INNS, WCA9	PC
<i>Sedum album</i> (White Stonecrop / Briweg Wen)	SJ2454	13/10/2015	Jonathan Shanklin			Blaenau		D1587/004/01	GBNNSIP, INNS	PC
<i>Sedum album</i> (White Stonecrop / Briweg Wen)	SJ2553	16/11/2018	Jonathan D Shanklin			Coed Pen-y-nant		D1587/026/01	GBNNSIP, INNS	PC

Sites - 31 records	
Sites of Special Scientific Interest intersecting 2000m buffer	Ruabon/Llantysilio Mountains and Minera (482) (617m), Llandegla Moor (759) (819m)
Special Areas of Conservation intersecting 2000m buffer	Berwyn a Mynyddoedd De Clwyd / Berwyn and South Clwyd Mountains (UK0012926) (617m)
Areas of Outstanding Natural Beauty intersecting 2000m buffer	Bryniau Clwyd a Dyffryn Dyfrdwy (0m)
NWWT Reserves intersecting 2000m buffer	Chwarel Minera Quarry (926m)
Wildlife Sites intersecting 2000m buffer	Eisteddfod Quarry (Wrexham W207) (1268m), Bwlchgwyn Quarry (Wrexham W205) (1854m), Nant y ffridd wetland (Denbighshire D239) (402m), Pen-dinas (Denbighshire D238) (1310m), Eisteddfod Grassland (Wrexham W206) (1612m), Aber Sychnant (Wrexham W208) (860m)
Regionally Important Geodiversity Sites intersecting 2000m buffer	Park Farm Limestone Pavement (1227m), Pool Park and South Minera Mines (1679m), Minera 2 (1316m)
Scheduled Ancient Monuments intersecting 2000m buffer	Minera Hoffman Limekiln (DE235) (1838m), Cas-Gan-Ditw Round Barrow (DE169) (546m), Maes Maelor Round Barrow (DE056) (584m)
Listed Buildings intersecting 2000m buffer	Ty Hir (1619) (884m), Gwern Hall (19390) (1961m)
Ancient Woodland intersecting 2000m buffer	Ancient Semi Natural Woodland (30666) (1189m), Ancient Semi Natural Woodland (30664) (1108m), Ancient Semi Natural Woodland (33470) (1061m), Ancient Semi Natural Woodland (30665) (1425m)
Traditional Orchards intersecting 2000m buffer	FLIN0393 (1743m), FLIN0386 (1977m), FLIN0388 (1817m), FLIN0390 (1939m), FLIN0387 (1830m), FLIN0389 (1889m), FLIN0392 (1329m), WREX0195 (1265m)

Sites of Special Scientific Interest		
Site Code	Site Name	Link
482	Ruabon/Llantysilio Mountains and Minera	More Information
759	Llandegla Moor	More Information

Special Areas of Conservation		
Site Code	Site Name	Link
UK0012926	Berwyn a Mynyddoedd De Clwyd / Berwyn and South Clwyd Mountains	More Information

NWWT Reserves		
Site Code	Site Name	Link
	Chwarel Minera Quarry	More Information

Wildlife Sites		
Site Code	Site Name	Link
Wrexham W207	Eisteddfod Quarry	More Information

Site Code	Site Name	Link
Wrexham W205	Bwlchgwyn Quarry	More Information
Denbighshire D239	Nant y ffridd wetland	More Information
Denbighshire D238	Pen-dinas	More Information
Wrexham W206	Eisteddfod Grassland	More Information
Wrexham W208	Aber Sychnant	More Information

Scheduled Ancient Monuments

Site Code	Site Name	Class	Period	Site Type	Link
DE235	Minera Hoffman Limekiln	Industrial	Post Medieval/Modern	Limekiln	More Information
DE169	Cas-Gan-Ditw Round Barrow	Religious, Ritual and Funerary	Prehistoric	Round barrow	More Information
DE056	Maes Maelor Round Barrow	Religious, Ritual and Funerary	Prehistoric	Round barrow	More Information

Listed Buildings

Site Code	Site Name	Grade	Classification	Link
1619	Ty Hir	II	Domestic	More Information
19390	Gwern Hall	II	Domestic	More Information

Phase 1				
Habitat	Distance	Area	Coverage	At Point
A.1.2.2 - Plantation Coniferous Woodland	0m - 1770m	350.507	27.896%	Yes
B.4 - Improved Grassland	35m - 1965m	304.401	24.226%	No
D.1.1 - Acid Dry Dwarf Shrub Heath	295m - 1996m	266.282	21.193%	No
B.2.2 - Semi-improved Neutral Grassland	166m - 1994m	73.804	5.874%	No
C.1.1 - Continuous Bracken	148m - 1995m	44.75	3.561%	No
B.1.1 - Unimproved Acid Grassland	636m - 1989m	33.582	2.673%	No
I.2.1 - Quarry	941m - 1975m	30.692	2.443%	No
E.1.6.1 - Blanket Sphagnum Bog	1248m - 1971m	28.816	2.293%	No
E.2.1 - Acid/Neutral Flush	833m - 1983m	28.032	2.231%	No
B.3.1 - Unimproved Calcareous Grassland	889m - 1985m	15.632	1.244%	No
G.1 - Standing Water	394m - 1644m	15.13	1.204%	No
A.2.1 - Dense/Continuous Scrub	1045m - 1994m	11.226	0.893%	No
A.1.1.1 - Semi-natural Broad-leaved Woodland	1056m - 1993m	6.46	0.514%	No
D.5 - Dry Heath/Acid Grassland Mosaic	1177m - 1990m	5.052	0.402%	No
B.5 - Marsh/Marshy Grassland	493m - 1109m	4.681	0.373%	No
I.1.1.1 - Acid/Neutral Inland Cliff	964m - 1980m	3.566	0.284%	No
E.3 - Fen	415m - 1129m	3.442	0.274%	No
B.1.2 - Semi-improved Acid Grassland	606m - 1917m	2.958	0.235%	No
J.3.7	786m - 1837m	1.304	0.104%	No
N/A	856m - 1929m	0.945	0.075%	No
I.1.2.1 - Acid/Neutral Scree	1872m	0.831	0.066%	No
J.3.6 - Buildings	1239m - 1914m	0.803	0.064%	No
E.3.2.1 - Basin Mire	829m	0.782	0.062%	No
J.1.5 - Gardens	1312m - 1773m	0.264	0.021%	No
A.1.1.2 - Plantation Broad-leaved Woodland	852m	0.246	0.02%	No
D.2 - Wet Dwarf Shrub Heath	1441m	0.224	0.018%	No

10 APPENDIX 3 – NATURE METRICS GREAT CRESTED NEWT REPORT



GREAT CRESTED NEWT **DETECTION RESULTS**

Company: Marches Ecology LLP

Order number: SO00596

Project code: Llandegla - One Planet Adventure

Date of Report: 17 June 2022

Number of samples: 3

Thank you for sending your sample(s) for analysis by NatureMetrics. Your sample(s) have been processed in accordance with the protocol set out in Appendix 5 of Biggs et al. (2014).

Summary of the results

Results indicate GCN absence in 'Pond-1', 'Pond-2', and 'Pond-3'.

The extraction blank control and the qPCR negative controls were negative, and the qPCR positive controls and their replicates amplified as expected.

Results are based on the samples as supplied by the client to the laboratory. Incorrect sampling methodology may affect the results. Note that a negative result does not preclude the presence of GCN at a level below the **limits of detection**.

Methods

eDNA was precipitated via centrifugation at 14,000 x g and then extracted using Qiagen DNeasy Blood and Tissue extraction kits. **qPCR** amplification was carried out in 12 replicates per sample, using GCN specific **primers** and **probe** (developed by Thomsen et al. (2012) and adopted by Biggs et al. (2014)), in the presence of **extraction negative controls**, **qPCR positive controls**, and **qPCR negative controls**. A score is given for the number of positive replicates out of 12.

The **qPCR** method follows the recommendations set out by NatureMetrics for Natural England in the qPCR validation project and helps improve the reliability of the interpretation of the data. Results from the GCN assay are considered to have a **high** confidence rating according to our **Validation Scale** (Harper et al. 2021).

The quality control methods exceed the requirements outlined in Appendix 5 of Biggs et al. (2014). These consist of the use of **kit blanks**, additional **extraction negative controls** and **qPCR negative controls**, and **qPCR positive controls**. The qPCR positive controls are standards of known concentration amplified in triplicate to generate **limit of detection** and give confidence to any weak and late amplifications.



Kit ID	Pond ID	Sampled	Arrived	Inhibition	Degradation	GCN Score
GCN-22-01207	'Pond-1'	30-May	06-Jun	Pass ✓	Pass ✓	(00)Negative ✗
GCN-22-01208	'Pond-2'	30-May	06-Jun	Pass ✓	Pass ✓	(00)Negative ✗
GCN-22-01206	'Pond-3'	30-May	06-Jun	Pass ✓	Pass ✓	(00)Negative ✗

END OF REPORT

Report issued by: **Ben Jones**

Contact: **team@naturemetrics.co.uk**



Understanding your results

Positive

Target DNA has been detected in this sample, meaning that at least 1 of the 12 qPCR replicates has amplified. This is not a quantitative test, so you should not interpret a high eDNA score (e.g. 12/12) as necessarily indicating a larger population of GCN than a low eDNA score (e.g. 1/12).

Negative

No target DNA has been detected in this sample, but the internal and external controls worked as expected. This tells us that if there had been GCN DNA in the sample, we would have detected it, so we can be confident in its absence from the sample provided.

Inconclusive

No GCN DNA was detected in the sample, but the internal controls failed to amplify as expected. This means that any GCN DNA in the sample might also have failed to amplify properly, so we cannot have confidence in this negative result. Inconclusive results can be caused by the degradation of the DNA (as indicated by delayed or no amplification of the DNA marker contained in the ethanol in the kits) or by inhibition of the reaction (as indicated by delayed or no amplification of the DNA marker added in the lab) caused by certain chemicals or organic compounds that may be present in the water sample.

Validation Scale

We have developed our own confidence assessment tool for qPCR eDNA assays that builds upon the Thaling et al. (2021) validation scale and helps end-users to interpret the qPCR outputs but also contextualise these with the level of validation that the assay itself has gone through. Briefly, the level of confidence that can be assigned to results coming from an assay is derived from several validation steps:

- Basic analysis - can the assay work in principle on the computer?
- PCR protocol - has the protocol been optimised in the lab?
- Specificity analysis - has the assay been tested in the lab against other co-inhabiting and/or closely related species?
- How extensively has the assay been tested with natural samples?
- Have the theoretical limits of detection been established?
- Have detection probabilities been estimated with extensive site occupancy modelling?
- Have external factors affecting detectability been extensively tested (e.g. seasonality, spatial heterogeneity)?

- Low

Results from these assays are difficult to interpret with confidence. It is impossible to conclusively tell if the target species is present or absent because of the limited amounts of *in silico*, *in vitro*, and *in vivo* testing.

- Medium

Assays with this rating have been tested *in silico*, have optimised lab protocols, specificity and sensitivity tested in and out of the lab, but with no estimates of detection probabilities or extensive testing of external factors that may affect the detectability of the target. Positive results can be interpreted as meaning the target species' DNA is present (assuming the correct sampling conditions), but negative results could mean that the



target is absent or that external factors such as ecology, seasonality, and spatial scales are influencing the detections.

- High

High rating assays have everything that a Medium assay has, in addition to site occupancy modelling and extensive testing of external effects such as ecological, temporal and spatial factors. Positive results can be conclusively interpreted, and negative results can be interpreted as meaning the target species' DNA is absent (assuming the correct sampling conditions). In some instances, a probability of target species presence at a site and in a sample can be given.

Glossary

controls

Controls are used to monitor both the performance of the assays but also any contamination. Controls are treated in the same way as a normal sample. This is particularly important given the sensitivity of eDNA qPCR methods. Our full complement of controls enables us to fully monitor the whole GCN eDNA process from kits to data.

- kit blank

Used to determine if the kits are contaminated but also to monitor the early stages of the pipelines, e.g. sample reception. These samples also act as uninhibited samples that can be used as a baseline to compare against. This is an additional control not specifically mentioned in the Biggs et al. (2014) protocol.

- extraction negative

Extraction blank. Used to monitor potential contamination during the DNA extraction process.

- qPCR negative

Template negative control. Used to monitor potential contamination during the qPCR setup process. For every qPCR reaction, we include more qPCR negative controls than are prescribed in the Biggs et al. (2014) protocol.

- qPCR positive

Used to determine whether the assay is working correctly. In addition to the 4 standard dilutions prescribed by the Biggs et al. (2014) protocol, we include an additional standard dilution and amplify all standards in triplicate. We can use this increased number of replicates and standards to generate standard curves that will allow us to calculate the **limit of detection (LOD)**.

-Limit of detection

Limit of detection. The lowest concentration of qPCR positive control DNA that amplifies. LOD is determined for every single qPCR plate. Target amplification below the LOD cannot automatically be considered as negative but should be further investigated as spurious amplifications are more prevalent at these low concentrations.

eDNA

Short for 'environmental DNA'. Refers to DNA deposited in the environment through excretions and secretions, such as mucus, skin cells, saliva, faeces, urine etc. This can be collected in environmental samples (e.g. water,



sediment) and used to identify the organisms that it originated from. eDNA in water is broken down by environmental processes over a period of days to weeks. It can travel some distance from the point at which it was released from the organism, particularly in running water. eDNA is sampled in low concentrations and can be degraded (i.e. broken into short fragments), which limits the analysis options.

inhibitors

Chemicals/compounds that reduce or prevent DNA amplification, potentially resulting in false-negative results. Common inhibitors include tannins, humic acids and other organic compounds. Inhibitors can be overcome by either diluting the DNA (and the inhibitors), but dilution carries the risk of reducing the DNA concentration below the limits of detection.

qPCR

Stands for 'quantitative PCR'. A PCR reaction incorporating a coloured dye that fluoresces during DNA amplification, allowing a machine to track the progress of the reaction. Often used with species-specific primers and probe where amplification is used to infer the presence of the target species' DNA in the sample. If the species is not present in the sample, no fluorescence will be detected.

- primers

Short sections of synthesised DNA that bind to either end of the DNA segment to be amplified by qPCR.

- probe

A short section of synthesised DNA that binds to a specific section of the target species' DNA within the section flanked by the primers. The probe is designed to be totally specific to that species. The probe is labelled such that it fluoresces during amplification, which is used to infer the presence of the target species' DNA in the sample.

References

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- Harper KJ, Tang CQ, Bruce K, Ross-Gillespie A, Ross-Gillespie V, and Egeter B (2021). A framework for assessing confidence in environmental DNA qPCR assays and results. Natural England Report.
- Thalinger B, Deiner K, Harper LR, Rees HC, Blackman RC, Sint D, Traugott M, Goldberg CS and Bruce K (2021). A validation scale to determine the readiness of environmental DNA assays for routine species monitoring. Environmental DNA, 3, 823–836.
- Thomsen PF, Kielgast JOS, Iversen LL, Wiuf C, Rasmussen M, Gilbert MTP, Orlando L and Willerslev E (2012). Monitoring endangered freshwater biodiversity using environmental DNA. Molecular Ecology, 21, 2565-2573.



- Dense/ continuous scrub
- Sxci Salix cinerea (Grey Willow)
- Individual broad-leaved tree
- Scattered scrub
- Coniferous plantation woodland
- SI Semi-improved acid grassland
- SI Poor semi-improved grassland
- Continuous bracken
- Tall ruderal
- Running water
- Dry ditch
- Habitat boundary
- Fence
- Bare ground
- Approx. survey site boundary
- Target Note

C483 Proposed Forest Pods and Ancillary Development on land at Llandegla Forest, Denbighshire - Preliminary Ecological Appraisal

Figure 1 - Extended Phase 1 Habitat Survey

Date: 08/04/2022

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10 m 0 30 m
1: 800

Base mapping provided by the client.



 Extended Phase 1 Habitat Survey site boundary
Refer to Figure 1

 Pond number

C483 Proposed Forest Pods and Ancillary Development on land at Llandegla Forest, Denbighshire - Preliminary Ecological Appraisal

Figure 2 - Ponds Subject to GCN eDNA Survey

Date: 18/07/2022

Base mapping contains Ordnance Survey data Crown copyright and database right 2022.



-  Reptile refugia [tin]
-  Reptile refugia [felt]
-  Extended Phase 1 Habitat Survey site boundary
Refer to Figure 1

Refer to *Figure 1* for Extended Phase 1 Habitat Survey key.



10 m 0 30 m
1: 800

C483 Proposed Forest Pods and Ancillary Development on land at Llandegla Forest, Denbighshire - Preliminary Ecological Appraisal

Figure 3 - Location of Reptile Refugia

Date: 18/07/2022

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