



Fford Isaf, Gynfrwyn Wrexham Ecological Assessment

*Report Ref: 5049.002
March 2015*

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DRAWING

G5049.001	Habitat Walkover Plan
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3.0 METHODS

Desktop Study

- 3.1 Information regarding historic species records and protected sites within a 1km radius of the site was requested/gathered from the sources listed in Table 1.

Table 1: Ecological information and consultations

CONSULTEE/SOURCE OF INFORMATION	NATURE OF INFORMATION
Cofnod	Statutory and non-statutory sites and protected and S.41 species. Local BAP priority habitats/species
Where's the Path	Location map
S.41 NERC Act (2006)	Habitats and Species of Principal Importance for the Conservation of Biodiversity

Habitat Survey

- 3.2 A habitat survey was undertaken by TEP ecologist John Crowder (MCIEEM, FISC level 3) on 4th March 2015. The survey was carried out in accordance with the Guidelines for Preliminary Ecological Appraisal (IEEM 2012) and Phase 1 Habitat assessment methods (JNCC 2010) and gives an overview of key habitats and the potential of the site to support any species of conservation concern.
- 3.2 As part of the habitat survey the proposed development site was assessed for its potential to support bats with regards to roosting, foraging and commuting. A ground-based tree survey was undertaken by viewing the tree looking for field signs and bat roosting potential.
- 3.3 The following features in trees can potentially provide roosting opportunities for bats:
- Old woodpecker holes;
 - Splits or rot holes in trunk, bough or large branches;
 - Holes formed by two boughs or branches growing in contact;
 - Loose or lifting bark;
 - A covering of dense latticed creeper, usually ivy (*Hedera helix*).
 - Dense epicormic growth

The Criteria for roost assessment is listed in Table 2 and based upon the Bat Conservation Trust (BCT) 'Bat Surveys: Good Practice Guidelines' (2012).

Table 2: Tree roost assessment criteria

Confirmed	A tree where positive signs are found; e.g. emerging bats, droppings found or pre-emergence sounds heard;
Category 1*	Potential to support larger roosts and is situated in or near good foraging habitat or near a good commuting route leading to such habitat;
Category 1	A tree that has definite features of potential for roosting bats, supporting fewer suitable features than Category 1* trees (above)

	or with potential for use by single bats but are less than ideal in some way, for example, may have cluttered access;
Category 2	A tree that has no obvious potential, although the tree is of a size and age that elevated surveys may result in cracks or crevices being found; or the tree supports some features that may have limited potential to support bats
Category 3	A tree that has no potential to support roosting bats.

Limitations to Survey

- 3.3 The recommended period for Phase 1 habitat surveys is from April to mid-October, therefore this survey was undertaken outside of this period. It is considered that habitats on site are limited due to the sites use as horse grazing, therefore there are no limitations for the habitat survey being undertaken during this period.
- 3.4 There is no limitation to the bat roost assessment.

4.0 RESULTS

Desktop Study

- 4.1 Full results of the desktop study are presented in Appendix 1 and summarised below.
- 4.2 Ruabon/Llamtysilio Mountains and Minera SSSI is located 139m south west of the site. Berwyn a Mynyddoedd De Clwyd / Berwyn and South Clwyd Mountains SAC is located 321m south of the site. Both these sites are designated for the diversity of flora and fauna. There are no local wildlife sites within 1km of the site. Ancient woodland is 511m south east of the site.
- 4.3 Under the Local Unitary Development Plan the land is allocated as mineral buffer zone.
- 4.4 The following species records were identified:
- Bats – Several bat species were recorded including common pipistrelle, whiskered/brandts, daubentons, brown long eared and lesser horseshoe bat. The closest record is for lesser horseshoe and whiskered bat both 400m south of the site.
 - Common lizard – records of common lizard 806m north east of the site.
 - Badger – records of badger 752m east of the site
 - Hedgehog – records of hedgehog 671m north east of the site.
 - Birds – Records of song thrush, reed bunting, redwing, black grouse, starling, lesser redpoll, skylark, cuckoo, turtle dove, curlew, lapwing, barn owl, hen harrier, peregrine, house sparrow, fieldfare, kestrel, marsh tit, bullfinch, dunnoek, pied flycatcher, brambling, linnet and common crossbill within 1km.

Habitat Survey

- 4.5 The results of the habitat survey are illustrated in Drawing G5049.001. The following paragraphs provide a summary of the habitat survey.

4.6 The following habitats are present within, or adjoining, the site:

- Species-poor semi-improved neutral grassland;
- Marshy grassland;
- Scattered scrub;
- Dense continuous scrub;
- Scattered broad-leaved trees;
- Wall.

Species-poor modified neutral grassland

4.7 The site comprises of mostly species poor modified neutral grassland that is a former pony paddock. Species that occur include Yorkshire fog *Holcus lanatus*, nettle *Urtica dioica* and dandelion sp *Taraxacum* sp.

Marshy grassland

4.8 A small area of marshy grassland is in the north of the site. The area is wet throughout and is dominated by soft rush *Juncus effusus*.

Scattered scrub

4.9 Small areas of scattered scrub are associated with the north west and southern boundaries of the site, these comprise of hawthorn *Crataegus monogyna*.

Dense scrub

4.10 A number of areas of dense scrub are associated with the west, north east and south west boundaries of the site. The dense scrub is dominated by bramble *Rubus fruticosus* agg.

Scattered broad-leaved trees

4.11 A single apple tree *Malus* sp is located on the west boundary of the site.

Wall

4.12 A stone wall is located on the western and eastern boundaries of the site. The wall is covered in grass that has regenerated over it. The grass is grazed by horses and it is kept short as a result of this.

Invasive and protected plant species

4.13 No invasive or protected plant species were recorded on site during the survey.

Connectivity with the wider landscape

4.14 This small site is isolated from the habitats present in the wider landscape due to the lack of any strong connective habitat adjoining the site as the site is surrounded by housing. Adjacent gardens to the site offer some limited connectivity to the south but this is not considered to be significant.

Fauna

Amphibians and reptiles

- 4.15 There are no waterbodies and therefore there is no potential amphibian breeding habitat on site or within 250m of the site and the onsite habitats offer very little potential for amphibian foraging and refuge.
- 4.16 The areas of dense scrub provide limited sheltering habitat for reptiles. However the site is small disturbed as the paddock is used to graze horses. The grassland which is present within the majority of the site is therefore grazed short and unsuitable for use by reptiles.
- 4.17 The stone walls on the boundaries of the site have been largely grassed over and do not provide any suitable cracks or crevices suitable to provide hibernation habitat for amphibians or reptiles. Moreover the walls are grazed by horses thereby making them unsuitable to support reptiles such as common lizard.

Bats

- 4.18 There are no buildings on site. There is one tree in the north of the site and some large hawthorns. The tree and larger hawthorns were assessed to be category 3 meaning they do not have potential to support roosting bats.
- 4.19 The trees do provide some limited foraging potential for bats, however there is very little connectivity to the wider landscape meaning the trees are unlikely to provide significant commuting or foraging opportunities for bats in local area.
- 4.20 The stone walls on the boundaries of the site have been largely grassed over. The cracks and crevices have been infilled with soil and do not provide any gaps deep enough to provide suitable roosting potential for bats.

Badger

- 4.21 No evidence of badger was noted during the survey. The habitats present are considered to offer very limited opportunities for badger foraging and no opportunities for setts due to the short grassland sward, the small nature of the site and the site being isolated from other habitats.

Water vole/otter

- 4.22 There is no habitat such as ponds or watercourses within or immediately adjacent to the site suitable to support water vole/otter.

Birds

- 4.23 The trees, dense and scattered shrub within the site provide nesting opportunities for a range of common bird species. The dense scrub and grassland habitat on site provide some limited foraging opportunities for common species but offer no nesting potential.
- 4.24 The stone walls on the boundaries of the site have been largely grassed over and do not provide any nesting habitat for birds.

5.0 CONCLUSIONS

Protected sites

- 5.1 Ruabon/Llamtysilio Mountains and Minera SSSI is 139m south west of the site. Berwyn a Mynyddoedd De Clwyd / Berwyn and South Clwyd Mountains SAC is 321m south of the site. Ancient woodland is 511m south east of the site. These sites are designated for flora and fauna. There are barriers in the form of residential development between the development site and these protected sites. There will be no direct or in-direct impacts as a result of the proposed development.

Invasive and protected plant species

- 5.2 No protected or invasive plant species were identified within or adjacent to the site boundary.

Amphibians and reptiles

- 5.3 There is no potential amphibian breeding habitat on or within 250m of the site. There will be no implications with regard amphibians and the proposed development of the site.
- 5.4 The walls have been grazed by horses and do not provide any other potential for reptiles such as common lizard. There are no implications for development of the site and reptiles.

Bats

- 5.5 The trees on site are immature to middle aged and offer no suitable habitat for roosting bats. The isolated nature of the site also means the trees onsite provide only limited foraging and commuting potential for bats. The stone wall on the boundaries of the site is largely grassed over and does not provide potential for roosting bats. There are no implications with regards to development of the site in relation to loss of onsite habitats and bats.

Badgers

- 5.6 No evidence of badgers was noted during the survey. There are no implications for the development with regard to badger.

Water vole/otter

- 5.7 There are no suitable habitats on or adjacent to the site suitable to support water vole or otter; therefore, there are no implications for development of the site with regard to these species.

Birds

- 5.8 The tree and dense and scattered shrub habitat provide some foraging and nesting potential for range of common bird species.
- 5.9 All wild UK nesting birds, their nests and eggs are protected under the *Wildlife and Countryside Act 1981* (as amended). It is an offence to intentionally or recklessly, damage or destroy nests so all vegetation work should be undertaken outside the bird nesting season (March to August inclusive). There may be timing implications if removal of this dense scrub is required due to the potential of this habitat for nesting birds.

6.0 RECOMMENDATIONS

- 6.1 Any tree or scrub removal should be undertaken outside of the nesting bird season (March to August inclusive). If works affecting areas of trees and dense shrub habitat site are required during the nesting season, a suitably qualified ecologist should inspect the trees/shrubs no more than 24 hours in advance of works to ensure that no nesting birds are present. If nesting birds are found to be present an exclusion zone will need to be set up and works delayed until nesting is completed (i.e. until young have fledged). The ecologist will regularly monitor the nest and advise the contractors when works can proceed.
- 6.2 To ensure a net gain of biodiversity through development of the site, it is recommended that landscaping incorporates planting which optimises the potential of the site to support a range of common faunal species (including birds and invertebrates). Planting should provide a good structural diversity, with a mix of native trees and berry forming shrubs being provided (e.g. hawthorn, blackthorn, elder, hazel). Use of wildflower/meadow seed mixes instead of amenity grassland where possible bordering proposed driveway/footpath areas would also attract more wildlife to the site.
- 6.3 Additional opportunities for bats and birds could be provided through the use of bat and bird boxes on suitable trees, and on any buildings proposed for erection on site. Examples of site suitable bat and bird box designs are presented at Appendix 2.

7.0 REFERENCES

Bat Conservation Trust (2012) 'Bat Survey: Good Practice Guidelines' The Bat Conservation Trust, London

English Nature (2001) Bat mitigation guidelines. English Nature, Peterborough.

Joint Nature Conservation Committee (2010) Phase 1 Habitat Survey. JNCC. Peterborough

APPENDIX 1: Desktop Study

Desk Based Ecology Assessment

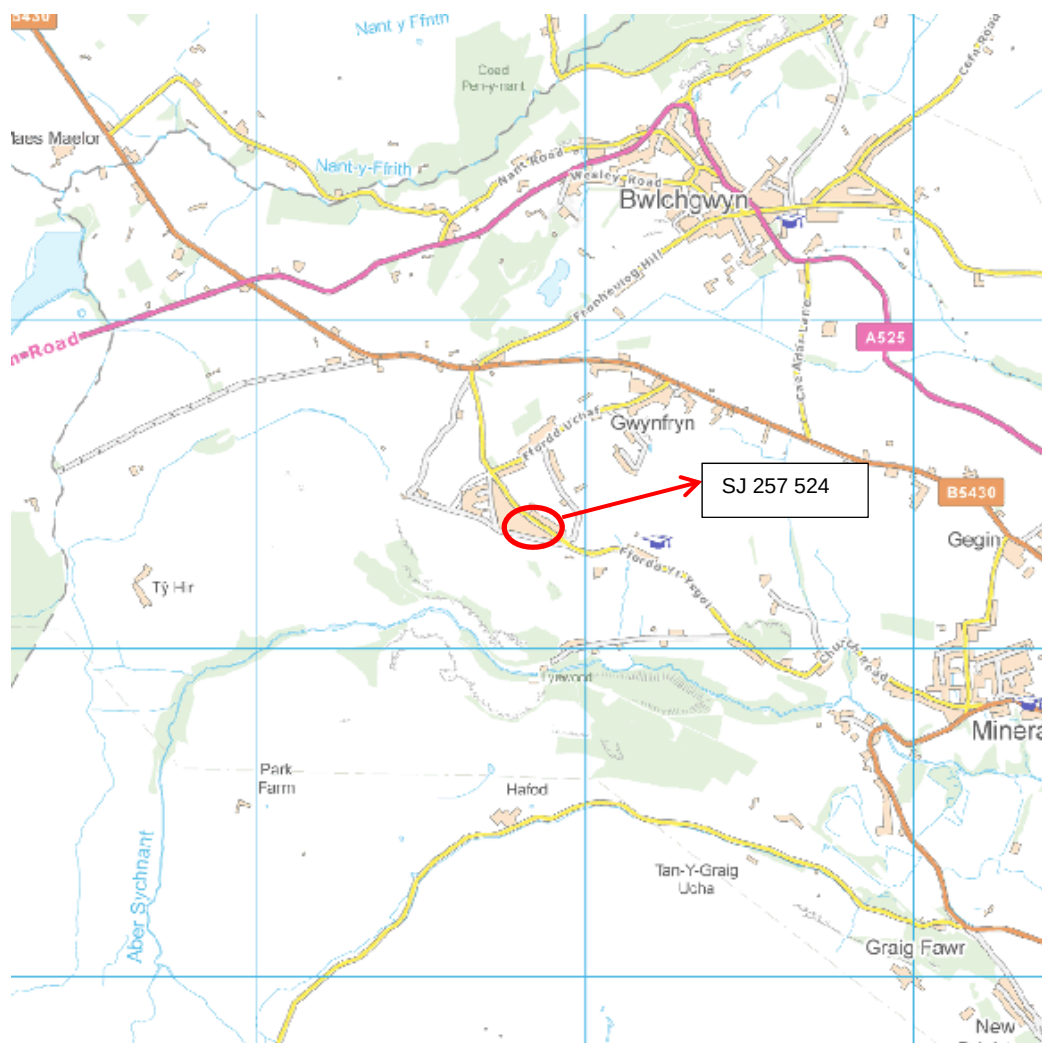
**Gynfrwyn
Wrexham**

Approximate Central Grid Reference: SJ 257 524

Contents

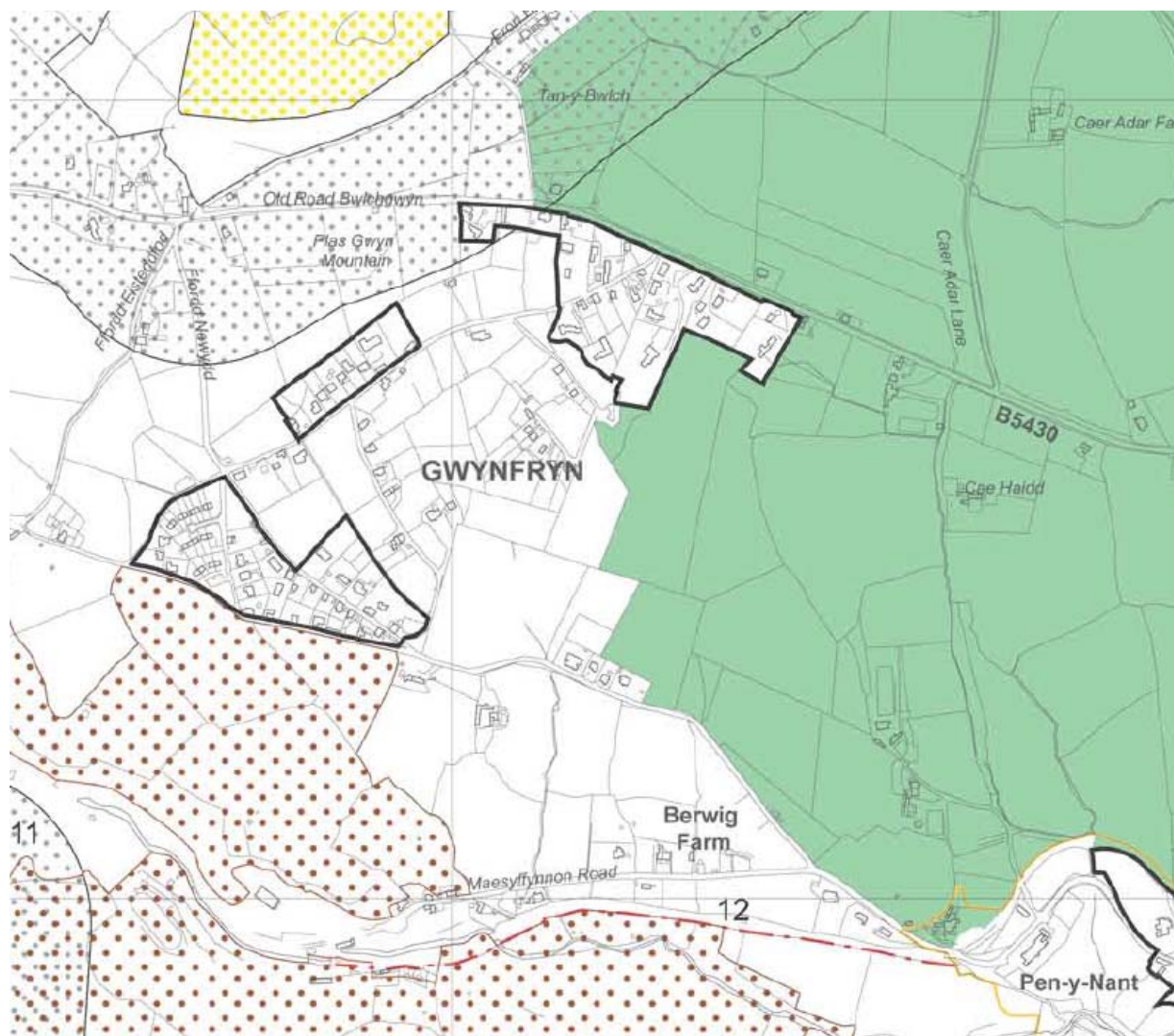
- **Site location plan**
- **Extract from local plan**
- **Extracts of relevant planning policies**
- **Local site designations**
- **Local species records**
- **National site designations**
- **Habitat inventory records**

Site location plan



Contains Ordnance Survey data © Crown copyright and database right 2015

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



Inset Plan Notation / Nodiadau Map Mewnrosodiad

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

Extracts of relevant planning policies and supplementary planning guidance

Environment and Conservation

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

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

Hedgerows, Trees and Woodland

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

Special Landscape Areas

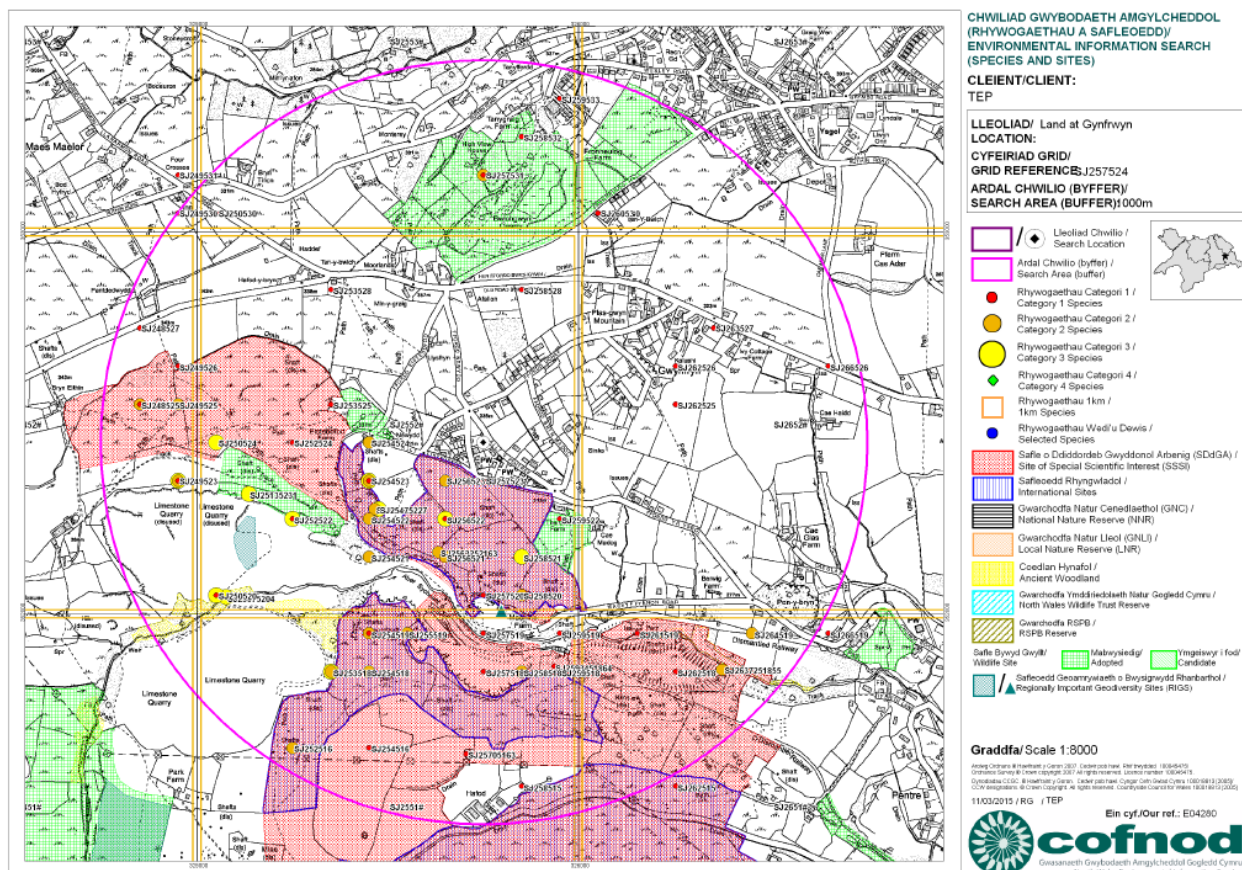
Policy EC5 Within Special Landscape Areas, priority will be given to the conservation and enhancement of the landscape. Development, other than for agriculture, small-scale farm-based and other rural enterprises, and essential operational development by utility service providers, will be strictly controlled.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

Biodiversity Conservation

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

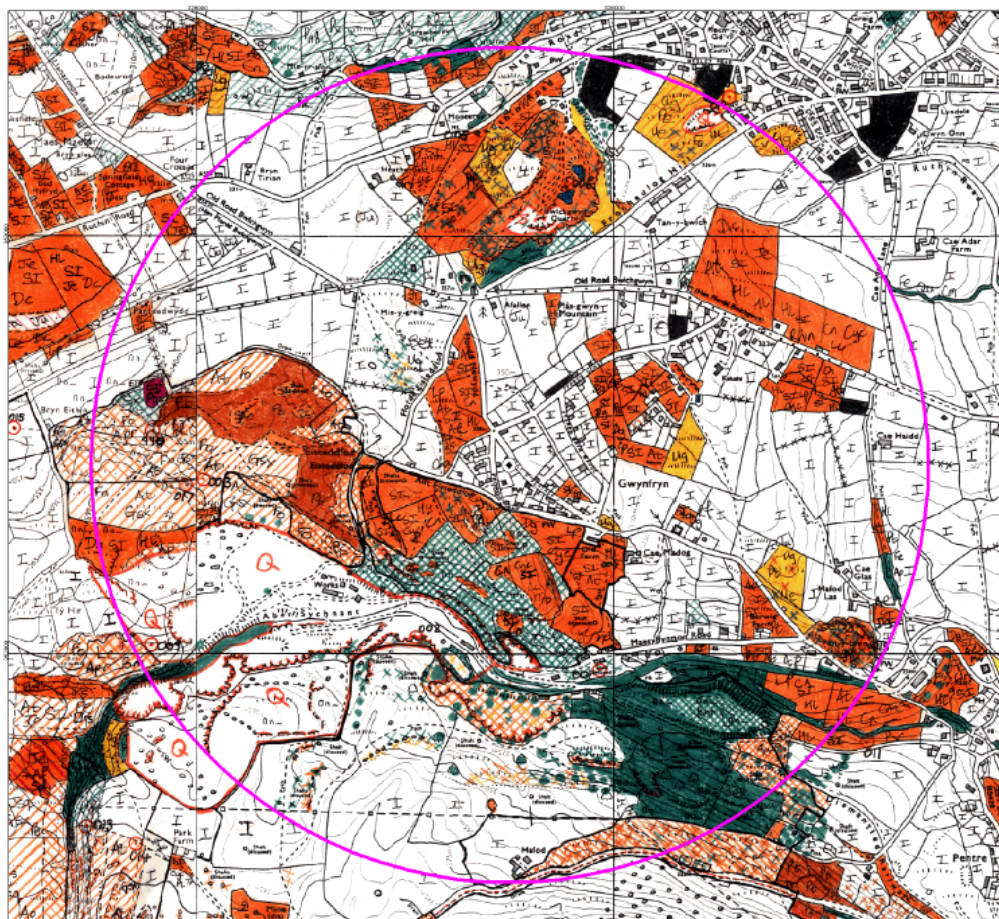
Map provided by COFNOD of site designations and species records within 1km

Map not to be put into public domain



Map provided by Cofnod of Phase 1 habitat within 1km

Map not to be put into public domain



A Woodland and Scrub 1 Woodland 1 Broad-leaved 1 Semi-natural 2 Plantation 2 Coniferous 1 Semi-natural 2 Plantation 2 Scrub 1 Dense/Continuous 2 Scattered 3 Parkland/Scattered Trees 1 Broad-leaved 2 Coniferous 3 Mixed 4 Recently-felled Woodland 1 Broad-leaved 2 Coniferous 3 Mixed B Grassland and Marsh 1 Acid Grassland 1 Unimproved 2 Semi-improved 2 Neutral Grassland 1 Unimproved 2 Semi-improved 3 Calcareous Grassland 1 Unimproved 2 Semi-improved 4 Improved Grassland 5 Marshy/Marshy Grassland 6 Poor Semi-improved Grassland C Tall Herb and Fern 1 Bracken 1 Continuous 2 Scattered	2 Upland Species-rich Ledges 3 Other 1 Tall Ruderal 2 Non-ruderal D Heathland 1 Dry Dwarf Shrub Heath 1 Acid 2 Basic 2 Wet Dwarf Shrub Heath 1 Lichen/Bryophyte Heath 3 Montane Heath/Dwarf Herb 5 Dry Heath/Acid Grassland Mosaic 6 Wet Heath/Acid Grassland Mosaic E Mire 1 Bog 6 Sphagnum Bog 1 Blanket Bog 2 Raised Bog 7 Wet Modified Bog 8 Dry Modified Bog 2 Flush and Spring 1 Acid/Neutral Flush 2 Basic Flush 3 Bryophyte-dominated Spring 3 Fen 1 Valley Mire 2 Basin Mire 3 Flood-Plain Mire 4 Basic 4 Bare Peat F Swamp, Marginal and Inundation 1 Swamp 2 Marginal and Inundation 1 Marginal Vegetation 2 Inundation Vegetation	G Open Water 1 Standing Water 1 Eutrophic 2 Mesotrophic 3 Oligotrophic 4 Dystrophic 5 Marl 6 Brackish 2 Running Water 1 Eutrophic 2 Mesotrophic 3 Oligotrophic 4 Dystrophic 5 Marl/Tufa 6 Brackish H Coastland 1 Intertidal 1 Mud/Sand 2 Shingle/Cobbles 3 Boulders/Rocks 2 Saltmarsh 3 Saltmarsh/Dune Interface 4 Scattered Plants 6 Dense Continuous 3 Shingle above High Tide 4 Rocks above High Tide 5 Strandline Vegetation 6 Sand Dune 4 Dune Slack 5 Dune Grassland 6 Dune Heath 7 Dune Scrub 8 Open Dune 8 Maritime Cliff and Slope 1 Hard Cliff 2 Soft Cliff 3 Crevice/Ledge Vegetation 4 Coastal Grassland 5 Coastal Heathland	I Rock Exposure and Waste 1 Natural 1 Inland Cliff 1 Acid/Neutral 2 Basic 2 Scree 1 Acid/Neutral 2 Basic 3 Limestone Pavement 4 Other Exposure 1 Acid/Neutral 2 Basic 5 Cave 2 Artificial 1 Quarry 2 Spoil 3 Mine 4 Refuse Tip J Miscellaneous 1 Cultivated/Disturbed Land 1 Arable 2 Amenity Grassland 3 Ephemeral/Short Perennial 4 Introduced Shrub 5 Cinders 2 Boundaries (mapping optional) 1 Intact Hedge 1 Species-rich 2 Species-poor 2 Defunct Hedge 1 Species-rich 2 Species-poor 3 Hedge and Trees 1 Species-rich 2 Species-poor 4 Fence 5 Wall 6 Dry Ditch 7 Boundary Removed 8 Earth Bank 3 Built-up Areas 4 Caravan Site 5 Sea Wall 6 Buildings 4 Bare Ground 5 Other Habitat
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Extract of species data provided by COFNOD within 1km

Cofnod Environmental Information Search
Please read Important Issues and Notes before interpreting this information**-PUBLIC VERSION-**

Our Reference	Client Name	Date Run	Your Reference							
E04280	TEP	11/03/2015	5049							
Search Location		Grid Reference								
Land at Gynfrwyn		SJ257524								
Category 1 Species (Species with European and/or UK Legal Protection, Section 42 [NERC] Species or UK BAP Priority Species) within 1000m - 979 records										
Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
Acanthis cabaret (Lesser Redpoll)	SJ2453	10 records, between 28/08/2004 and 21/07/2013	Steven Davies; Davies, S	2, 1+; 35; 1		Nant-y-Ffrith Reservoir; Site Name Withheld	Birdtrack: Breeding code: P; Birdtrack: Breeding code: F; BirdTrack: Comments Withheld	D1297/005/01 D0062/001/01 D1297/013/01	S42, UKBAP, UKBR, WBR, LBAP[CON, DEN]	1
Acanthis cabaret (Lesser Redpoll)	SJ2553	29/06/2011	Steven Davies	1+		Bwlchgwyn, W	BirdTrack	D1297/005/01	S42, UKBAP, UKBR, WBR, LBAP[CON, DEN]	1
Acanthis cabaret (Lesser Redpoll)	SJ2651	02/05/2011	Kevin Smith	1		Site Name Withheld	Comments Withheld	D0062/003/01	S42, UKBAP, UKBR, WBR, LBAP[CON, DEN]	3
Acanthis cabaret (Lesser Redpoll)	SJ2653	10 records, between 02/04/2006 and 28/06/2011	Steven Davies; Julie Chicken	2; 1; 6; 9; 2 Juvenile; 30; 16		Bwlchgwyn, Site Name Withheld	BirdTrack; Comments Withheld	D1297/005/01 D0062/001/01	S42, UKBAP, UKBR, WBR, LBAP[CON, DEN]	1
Acoronicta rumicoides (Knot Grass / Bidog Tafol)	SJ258518	08/06/1984	M.Newstead	1 Adult		Minera quarry	Quarry: disused. Method: MV Light	D1285/001/02	S42, UKBAP, LBAP[GWY]	3
Agrochola helvola (Flounced Chestnut / Castan Grech)	SJ258518	28/09/1984	M.Newstead	1 Adult		Minera quarry	Quarry: disused. Method: MV Light	D1285/001/02	S42, UKBAP, LBAP[GWY]	3
Agrochola litura (Brown-spot Pinion / Castan Smotyn Brown)	SJ258518	28/09/1984	M.Newstead	1 Adult		Minera quarry	Quarry: disused. Method: MV Light	D1285/001/02	S42, UKBAP, LBAP[GWY]	3
Agrochola lychnidis (Beaded Chestnut / Castan Leiniog)	SJ258518	28/09/1984	M.Newstead	1 Adult		Minera quarry	Quarry: disused. Method: MV Light	D1285/001/02	S42, UKBAP, LBAP[GWY]	3
Alauda arvensis (Skyhawk / Eheddydd)	SJ2451	2 records, between 28/03/2010 and 28/04/2013	Andrew Wallbank; Davies, S	6; 1		Site Name Withheld; Gwynfryn, SW	Comments Withheld	D0062/003/01 D1297/012/01	BDv2.2, S42, UKBR, WBA, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	3
Alauda arvensis (Skyhawk / Eheddydd)	SJ2452	26/06/2010	Steven Davies	1		Gwynfryn, W	Birdtrack: Breeding code: H	D1297/005/01	BDv2.2, S42, UKBR, WBA, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	1
Alauda arvensis (Skyhawk / Eheddydd)	SJ2453	9 records, between 19/05/2008 and 30/06/2013	Steven Davies; Julie Chicken; Davies, S	1+; 1		Nant-y-Ffrith Reservoir; Site Name Withheld	Birdtrack: Breeding code: S; Comments Withheld; Breeding status: Singing male	D1297/005/01 D0062/001/01 D1297/002/01 D1297/013/01	BDv2.2, S42, UKBR, WBA, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	1
Alauda arvensis (Skyhawk / Eheddydd)	SJ2551	3 records, between 02/05/2009 and 31/05/2011	Steven Davies; Norman Hallas	1+; 2; 1		Ruabon Mountain, Exclusham Mountain, N	Birdtrack: Breeding code: H; BirdTrack	D1297/005/01 D1297/002/01	BDv2.2, S42, UKBR, WBA, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	1
Alauda arvensis (Skyhawk / Eheddydd)	SJ2651	07/05/2007	Julie Rogers	1		Site Name Withheld	Comments Withheld	D0062/001/01	BDv2.2, S42, UKBR, WBA, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	3
Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V
Allophyes oxyacanthae (Green-brindled Crescent / Cilgant Brych)	SJ258518	28/09/1984	M.Newstead	1 Adult		Minera quarry	Quarry: disused. Method: MV Light	D1285/001/02	S42, UKBAP, LBAP[GWY]	3
Amphipyra tragopogonis (Mouse Moth / Ôl-adain Lyglwyd)	SJ258518	24/08/1984	M.Newstead	1 Adult		Minera quarry	Quarry: disused. Method: MV Light	D1285/001/02	S42, UKBAP, LBAP[GWY]	3
Anguis fragilis (Slow-worm / Neidr Ddefaid)	SJ2553	2 records, both in 1990	Mark Lee; Lee, Mark			Bwlchgwyn Quarry		D0035/002/01 D1076/001/02	Bern, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	4
Anguis fragilis (Slow-worm / Neidr Ddefaid)	SJ262526	2 records, both in 1990	Mark Lee; Lee, Mark			Y Gors, Gwynfryn	Nature reserve, Gwynfryn CC	D0035/002/01 D1076/001/02	Bern, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, GWY, SNP]	4
Apamea remissa (Dusky Brocade / Brithyn Llwydolau)	SJ258518	30/06/1984	M.H.Grice	1 Adult		Minera quarry	Quarry: disused. Method: MV Light Trap	D1285/001/02	S42, UKBAP, LBAP[GWY]	3
Arctia caja (Garden Tiger / Teigr yr Ard)	SJ258518	07/07/1984	M.Newstead	1 Adult		Minera quarry	Quarry: disused. Method: MV Light	D1285/001/02	S42, UKBAP, LBAP[GWY]	3
Atethmia centrago (Centre-banded Sallow / Melyn yr Ynn)	SJ258518	24/08/1984	M.Newstead	1 Adult		Minera quarry	Quarry: disused. Method: MV Light	D1285/001/02	S42, UKBAP, LBAP[GWY]	3
Boloria selene (Small Pearl-bordered Fritillary / Britheg Berlog Fach)	SJ2452 (Estimated Centroid of Site)	June 1990	Bryan Formstone	1		SJ2452	Breeding: No. Mature: Yes. Record type: Field record / observation	D0127/001/02	RD1(UK), S42, UKBAP, LBAP[CON, DEN, FLI, GWY, SNP]	3
Boloria selene (Small Pearl-bordered Fritillary / Britheg Berlog Fach)	SJ252522	4 records, between 29/05/2003 and 02/07/2009	Rob W Whitehead; John Lawton Roberts	2; 3; 3 Adult; 1 Adult		Gwynfryn - Quarry rim; Minera Quarry, Gwynfryn	Field record / observation; Daytime observation; Daytime observation. Habitat: Quarry: disused	D1373/001/03	RD1(UK), S42, UKBAP, LBAP[CON, DEN, FLI, GWY, SNP]	3
Boloria selene (Small Pearl-bordered Fritillary / Britheg Berlog Fach)	SJ254523	19/06/2002	Rob W Whitehead	8 Adult		Gwynfryn	Field record / observation	D1373/001/03	RD1(UK), S42, UKBAP, LBAP[CON, DEN, FLI, GWY, SNP]	3
Boloria selene (Small Pearl-bordered Fritillary / Britheg Berlog Fach)	SJ261519	21/06/2014	John Lawton Roberts	1		Minera Quarry	By FP in semi-wooded section	D0967/006/01	RD1(UK), S42, UKBAP, LBAP[CON, DEN, FLI, GWY, SNP]	1
Brachykomia viminalis (Minor Shoulder-knot / Gwargwlwm Bach)	SJ258518	29/07/1984	M.Newstead	1 Adult		Minera quarry	Quarry: disused. Method: MV Light	D1285/001/02	S42, UKBAP, LBAP[GWY]	3
Bucephala clangula (Goldeneye / Hwyaden Lygad-Aur)	SJ2453	5 records, between 13/12/2004 and 06/11/2011	Steven Davies; Julie Chicken	1; 2; 1 Male; 1 Female		Site Name Withheld	Comments Withheld	D0062/003/01 D0062/001/01	BDv2.2, Bonn, UKBA, WCA1.2, LBAP[CON]	3
Bufo bufo (Common Toad / Ulyffant Dafadenog)	SJ2553	1977	Burnett, B.W.			Bwlchgwyn		D1076/001/02	Bern, S42, UKBAP, WCA5, LBAP[ANG, CON, DEN, FLI, GWY]	3

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	SA
<i>Bufo bufo</i> (Common Toad / Llyffant Dafadenog)	SJ2653	1993	Anon			Bwlchgwyn	Toad warning signs list	D1076/001/02	Bern, S42, UKBAP, WCA, LBAP[ANG, CON, DEN, FLI, GWY]	3	SA
<i>Chroicocephalus ridibundus</i> (Black-headed Gull / Gwylan Benddu)	SJ2453	5 records, between 30/05/2004 and 05/05/2013	Steven Davies; John Lawton Roberts; Davies, S	1+; 3; 2; 1		Nant-y-Ffrith Reservoir; Site Name Withheld	Birdtrack; Comments Withheld; Breeding status: Flying over	D1297/005/01 D0062/003/01 D0062/001/01 D1297/013/01 D1297/002/01	BDi2,2, Bonn, S42, UKBA, WBR, LBAP[GWY]	1	SA
<i>Circus cyaneus</i> (Hen Harrier / Boda Tinwyn)	SJ25	02/08/2009	Norman Hallas	1		Site Name Withheld	Comments Withheld	D1297/002/01	BDi1, Bonn, CITES, S42, UKBR, WBR, LBAP[CON, DEN, FLI, GWY, SNP]	1	SA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlyon 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	RD1(UK), S42, UKBAP, LBAP[GWY]	3	SA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlyon Bach y Waun)	SJ249526	29/06/2006	Rob W Whitehead	3 Adult		S of Pantdedwydd	Daytime observation	D1373/001/03	RD1(UK), S42, UKBAP, LBAP[GWY]	3	SA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlyon Bach y Waun)	SJ257518 (Estimated Centroid of Site)	26/05/1992	Rob W Whitehead	2		Nr Gwynfryn	Breeding: No. Mature: Yes. Record type: Field record / observation	D0127/001/02	RD1(UK), S42, UKBAP, LBAP[GWY]	3	SA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlyon Bach y Waun)	SJ250520	1978	Parker, D.M.	Present		Minera Quarry		D1050/003/01	RD1(UK), S42, UKBAP, LBAP[GWY]	4	SA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlyon Bach y Waun)	SJ252522	3 records, between 05/08/2001 and 19/07/2006	Rob W Whitehead	2 Adult; 5; 1 Adult		Gwynfryn - Quarry rim; Minera Quarry, Gwynfryn	Daytime observation; Field record / observation; Daytime observation. Habitat: Quarry; disused	D1373/001/03	RD1(UK), S42, UKBAP, LBAP[GWY]	3	SA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlyon 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	RD1(UK), S42, UKBAP, LBAP[GWY]	3	SA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlyon Bach y Waun)	SJ254523 (Estimated Centroid of Site)	6 records, between 16/08/1988 and 19/06/2002	Ian R. Wynne; Rob W Whitehead	1; 5; 2; 30; 2 Adult		Gwynfryn	adjacent to disused quarry. Breeding: No. Mature: Yes. Record type: Field record / observation; Field record / observation	D0127/001/02 D1373/001/03	RD1(UK), S42, UKBAP, LBAP[GWY]	3	SA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlyon 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	RD1(UK), S42, UKBAP, LBAP[GWY]	3	SA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlyon Bach y Waun)	SJ259533 (Estimated Centroid of Site)	15/07/1995	Rob W Whitehead	2		Heatherfield, Bwlchgwyn	Breeding: No. Mature: Yes. Record type: Field record / observation	D0127/001/02	RD1(UK), S42, UKBAP, LBAP[GWY]	3	SA
<i>Coenonympha pamphilus</i> (Small Heath / Gweirlyon Bach y Waun)	SJ262518 (Estimated Centroid of Site)	28/05/1990	Rob W Whitehead	2		Minera, Dismantled Railway	Breeding: No. Mature: Yes. Record type: Field record / observation	D0127/001/02	RD1(UK), S42, UKBAP, LBAP[GWY]	3	SA
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ2451 (Approximate)	25/04/2014	Chris Mellanchip	1 Adult	Live Sighting	LMZ: Ruabon 06; Park Farm		D1448/002/01	S42, UKBA, UKBAP, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	3	SA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	SA
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ2453	20/04/2009	Julie Chicken	1		Site Name Withheld	Comments Withheld	D0062/001/01	S42, UKBA, UKBAP, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	3	SA
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ2551	25/05/2013	Davies, S	1		Ruabon Mountain, Esclusham Mountain, N	Breeding status: Singing male	D1297/012/01	S42, UKBA, UKBAP, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	1	SA
<i>Cuculus canorus</i> (Cuckoo / Cog)	SJ2653	24/05/2007	Julie Chicken	1		Site Name Withheld	Comments Withheld	D0062/001/01	S42, UKBA, UKBAP, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	3	SA
<i>Diloba caeruleocephala</i> (Figure of Eight / Cnwbach Ffigwr Wyth)	SJ258518	11/11/1984	M.Newstead	1 Adult		Minera quarry	Quarry: disused. Method: MV Light	D1285/001/02	S42, UKBAP	3	SA
<i>Ecliptopera silaceata</i> (Small Phoenix / Ffenics Bach)	SJ258518	08/06/1984	M.Newstead	1 Adult		Minera quarry	Quarry: disused. Method: MV Light	D1285/001/02	S42, UKBAP, LBAP[GWY]	3	SA
<i>Emberiza schoeniclus</i> (Reed Bunting / Bras y Cyrs)	SJ2453	15 records, between 11/08/2004 and 05/05/2013	Steven Davies; Julie Chicken; Davies, S	1; 2; 1 Male; 4; Female 1, Male 2		Nant-y-Ffrith Reservoir; Site Name Withheld	Birdtrack; Breeding code: H; BirdTrack; Comments Withheld; Breeding status: Pair in suitable nesting habitat	D1297/005/01 D0062/001/01 D1297/002/01 D1297/013/01	Bern, S42, UKBA, UKBAP, UKBR, WBA, LBAP[CON, DEN, FLI, GWY]	1	SA
<i>Emberiza schoeniclus</i> (Reed Bunting / Bras y Cyrs)	SJ2551	25/02/2009	Julie Chicken	1		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, S42, UKBA, UKBAP, UKBR, WBA, LBAP[CON, DEN, FLI, GWY]	3	SA
<i>Emberiza schoeniclus</i> (Reed Bunting / Bras y Cyrs)	SJ2653	3 records, between 19/03/2006 and 03/05/2010	Steven Davies; Julie Chicken	1		Bwlchgwyn; Site Name Withheld	Birdtrack; Breeding code: H; Comments Withheld	D1297/005/01 D0062/001/01	Bern, S42, UKBA, UKBAP, UKBR, WBA, LBAP[CON, DEN, FLI, GWY]	1	SA
<i>Ennomos fuscantaria</i> (Dusky Thorn / Carpiog Tywyll)	SJ258518	24/08/1984	M.Newstead	1 Adult		Minera quarry	Quarry: disused. Method: MV Light	D1285/001/02	S42, UKBAP, LBAP[GWY]	3	SA
<i>Entephria caesiata</i> (Grey Mountain Carpet / Brychan Llwyd y Mynydd)	SJ262525	3 records, all in 1977	Newstead, Mr M.; M.Newstead; Mr M. Newstead	present; 1 Adult; Present	Field record	Esclusham Mountain; Esclusham mntn	Grassland; marshy, upland. Method: MV Light	D1050/003/01 D1285/001/02 D0217/001/01	S42, UKBAP, LBAP[GWY]	1	SA
<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	Bern, S42, UKBAP, LBAP[ANG, CON, FLI, GWY]	4	SA
<i>Erinaceus europaeus</i> (Hedgehog / Draenog)	SJ258528 (Selected from Interactive Map)	06/08/2012	Lizzy Webster	1	Dead on road	Old Road Bwlchgwyn		D1383/001/01	Bern, S42, UKBAP, LBAP[ANG, CON, FLI, GWY]	4	SA
<i>Erinaceus europaeus</i> (Hedgehog / Draenog)	SJ263527 (Selected from Interactive Map)	13/06/2013	Lizzy Webster	1 Adult	Dead on road	Old Road Bwlchgwyn		D1383/001/01	Bern, S42, UKBAP, LBAP[ANG, CON, FLI, GWY]	1	SA
<i>Erynnis tages</i> (Dingy Skipper / Gwibiwr Llwyd)	SJ257518 (Estimated Centroid of Site)	26/05/1992	Rob W Whitehead	2		Nr Gwynfryn	Breeding: No. Mature: Yes. Record type: Field record / observation	D0127/001/02	RD1(UK), S42, UKBAP, LBAP[CON, FLI, GWY]	3	SA
<i>Erynnis tages</i> (Dingy Skipper / Gwibiwr Llwyd)	SJ252522 (Estimated Centroid of Site)	8 records, between 01/08/1998 and 02/06/2005	Bryan Formstone; Rob W Whitehead; J. L. Roberts	2; 7; 5; 6 Adult; 4 Adult; 1 Adult; 2 Adult		Minera Quarry, Gwynfryn; Gwynfryn - Quarry rim	Breeding: No. Habitat: Quarry; disused. Mature: Yes. Record type: Field record / observation; Field record / observation; Daytime observation; Daytime observation. Habitat: Quarry; disused	D0127/001/02 D1373/001/03	RD1(UK), S42, UKBAP, LBAP[CON, FLI, GWY]	3	SA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	Q
<i>Erynnis tages</i> (Dingy Skipper / Gwibiwr Lwyd)	SJ254523 (Estimated (Centroid of Site))	2 records, between 12/07/1999 and 19/06/2002	Ian R. Wynne; Rob W Whitehead	1; 1 Adult		Gwynfryn	adjacent to disused quarry. Breeding: No. Mature: Yes. Record type: Field record / observation; Field record / observation	D0127/001/02 D1373/001/03	RD1(UK), S42, UKBAP, LBAP[CON, FLI, GWY]	3	☑
<i>Erynnis tages</i> (Dingy Skipper / Gwibiwr Lwyd)	SJ262518 (Estimated (Centroid of Site))	2 records, between 28/05/1990 and 30/05/2005	Rob W Whitehead	2; 1 Adult		Minera, Dismanted Railway	Breeding: No. Mature: Yes. Record type: Field record / observation; Daytime observation	D0127/001/02 D1373/001/03	RD1(UK), S42, UKBAP, LBAP[CON, FLI, GWY]	3	☑
<i>Eugnorisma glareosa</i> (Autumnal Rustic / Gwladwr yr Hydref)	SJ258518	24/08/1984	M.Newstead	1 Adult		Minera quarry	Quarry: disused. Method: MV Light	D1285/001/02	S42, UKBAP, LBAP[GWY]	3	☑
<i>Eulithis mellinata</i> (Spinach / Brychan Owens)	SJ258518	21/07/1984	M.Newstead	1 Adult		Minera quarry	Quarry: disused. Method: MV Light	D1285/001/02	S42, UKBAP, LBAP[GWY]	3	☑
<i>Falco columbarius</i> (Merlin / Cudyll Bach)	SJ25	31/05/2011	Norman Hallas	1		Site Name Withheld	Comments Withheld	D1297/005/01	BD1r1, Bern, Bonn, CITES, UKBA, WBA, WCA1.1, LBAP[CON, DEN, FLI, GWY]	1	☑
<i>Falco peregrinus</i> (Peregrine / Hebog Tramor)	SJ25	26/06/2010	Steven Davies	1		Site Name Withheld	Comments Withheld	D1297/005/01	BD1r1, Bern, Bonn, CITES, UKBA, WCA1.1, LBAP[ANG, CON, GWY]	1	☑
<i>Falco peregrinus</i> (Peregrine / Hebog Tramor)	SJ25	2 records, between 28/02/2011 and 25/05/2013	Steven Davies; Davies, S	1		Site Name Withheld	Comments Withheld	D1297/005/01 D1297/012/01	BD1r1, Bern, Bonn, CITES, UKBA, WCA1.1, LBAP[ANG, CON, GWY]	1	☑
<i>Falco subbuteo</i> (Hobby / Hebog yr Eheddyd)	SJ25	27/06/2011	Steven Davies	1		Site Name Withheld	Comments Withheld	D1297/005/01	Bern, Bonn, CITES, WBA, WCA1.1, LBAP[CON, GWY]	1	☑
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ2453	22 records, between 17/05/2008 and 21/07/2013	Steven Davies; Julie Chicken; Kevin Smith; Davies, S	1; 2; 3		Nant-y-Frith Reservoir, Site Name Withheld	BirdTrack: Breeding code: H; BirdTrack; BirdTrack; Comments Withheld	D1297/002/01 D1297/005/01 D0062/001/01 D1297/013/01	Bern, Bonn, CITES, S42, UKBA, WBR, LBAP[ANG, CON, DEN, FLI, GWY]	1	☑
<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; 1 Adult	Live Sighting	Near to Moors Inn; A525 nr Moors Inn	Hunting over field	D1117/001/01	Bern, Bonn, CITES, S42, UKBA, WBR, LBAP[ANG, CON, DEN, FLI, GWY]	4	☑
<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	Bern, Bonn, CITES, S42, UKBA, WBR, LBAP[ANG, CON, DEN, FLI, GWY]	4	☑
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ2551	6 records, between 12/12/2008 and 29/07/2011	Julie Chicken; Steven Davies; Norman Hallas	1; 2		Site Name Withheld; Ruabon Mountain, Esclusham Mountain, N	Comments Withheld; BirdTrack; BirdTrack Hovering over several areas of moorland; BirdTrack:	D0062/001/01 D1297/005/01 D1297/002/01	Bern, Bonn, CITES, S42, UKBA, WBR, LBAP[ANG, CON, DEN, FLI, GWY]	3	☑
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ2552	3 records, between 01/06/2004 and 02/05/2009	Norman Hallas; Steven Davies	1 Female; 1 Male; 1		Site Name Withheld, Gwynfryn	Comments Withheld	D0062/001/01 D1297/002/01	Bern, Bonn, CITES, S42, UKBA, WBR, LBAP[ANG, CON, DEN, FLI, GWY]	3	☑
<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	Bern, Bonn, CITES, S42, UKBA, WBR, LBAP[ANG, CON, DEN, FLI, GWY]	4	☑
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ2651	4 records, between 09/12/2007 and 26/03/2011	Steven Davies; Kevin Smith; Deborah Sainsbury	1; 1 Male		Minera, Quarry: Site Name Withheld	BirdTrack; Comments Withheld	D1297/005/01 D0062/003/01 D1297/002/01	Bern, Bonn, CITES, S42, UKBA, WBR, LBAP[ANG, CON, DEN, FLI, GWY]	1	☑
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ2652	28/07/2011	Steven Davies	1		Gwynfryn, E	BirdTrack	D1297/005/01	Bern, Bonn, CITES, S42, UKBA, WBR, LBAP[ANG, CON, DEN, FLI, GWY]	1	☑

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	Q
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ265526	28/03/2011	Elizabeth Webster	1	Field record	Old Road, Bwlchgwyn		D1419/002/01	Bern, Bonn, CITES, S42, UKBA, WBR, LBAP[ANG, CON, DEN, FLI, GWY]	1	☑
<i>Falco tinnunculus</i> (Kestrel / Cudyll Coch)	SJ2653	2 records, between 28/06/2011 and 31/07/2011	Steven Davies	1		Bwlchgwyn	BirdTrack	D1297/005/01	Bern, Bonn, CITES, S42, UKBA, WBR, LBAP[ANG, CON, DEN, FLI, GWY]	1	☑
<i>Ficedula hypoleuca</i> (Pied Flycatcher / Gwybedog Brith)	SJ2553	06/08/2004	Steven Davies	1		Site Name Withheld	Comments Withheld	D0062/001/01	Bonn, S42, UKBA, WBR, LBAP[CON, GWY, SNP]	3	☑
<i>Ficedula hypoleuca</i> (Pied Flycatcher / Gwybedog Brith)	SJ2653	2 records, both on 03/05/2008	Julie Chicken	1 Female; 1 Male		Site Name Withheld	Comments Withheld	D0062/001/01	Bonn, S42, UKBA, WBR, LBAP[CON, GWY, SNP]	3	☑
<i>Fringilla montifringilla</i> (Brambling / Pinc y Myrdd)	SJ2453	06/03/2011	Steven Davies	1		Site Name Withheld	Comments Withheld	D0062/003/01	WCA1.1, LBAP[CON]	3	☑
<i>Fringilla montifringilla</i> (Brambling / Pinc y Myrdd)	SJ2652	12/03/2004	Les Wood	1		Site Name Withheld	Comments Withheld	D0062/001/01	WCA1.1, LBAP[CON]	3	☑
<i>Fringilla montifringilla</i> (Brambling / Pinc y Myrdd)	SJ2653	12 records, between 19/03/2006 and 02/01/2011	Marina Thomas; Steven Davies; Julie Chicken	1; 1 Female; 3 Male; 7; 22; 4; 9; 42; 37; 6		Bwlchgwyn; Site Name Withheld	BirdTrack: BirdTrack in garden; Comments Withheld	D1297/002/01 D1297/005/01 D0062/001/01	WCA1.1, LBAP[CON]	1	☑
<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	RD1(UK), S42, UKBAP, WVP, LBAP[CON]	3	☑
<i>Graphophora augur</i> (Double Dart / Dart Deunod)	SJ258518	30/06/1984	M.Newstead	1 Adult		Minera quarry	Quarry: disused. Method: MV Light	D1285/001/02	S42, UKBAP	3	☑
<i>Gymnadenia conopsea</i> (Fragrant Orchid / Tegeirian Pâr)	SJ248525 (Estimated (From Recorder's Map))	04/08/1988	Anon	1 DOMIN (Estimate)	Field record	Minera (part SSSI)		D0820/001/02	S42, WVP	3	☑
<i>Gymnadenia conopsea</i> (Fragrant Orchid / Tegeirian Pâr)	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	S42, WVP	3	☑
<i>Gymnadenia conopsea</i> (Fragrant Orchid / Tegeirian Pâr)	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	S42, WVP	3	☑
<i>Helioophobus reticulata</i> (Bordered Gothic / Rhwyll Ymylog)	SJ258518	24/08/1984	M.Newstead	1 Adult		Minera quarry	Quarry: disused. Method: MV Light	D1285/001/02	RD2(UK), S42, UKBAP, LBAP[CON]	3	☑
<i>Hipparchia semele</i> (Grayling / Gweirioyn Lwyd)	SJ252522	2 records, between 05/08/2001 and 19/07/2006	Rob W Whitehead	9; 16 Adult		Gwynfryn - Quarry rm; Minera Quarry, Gwynfryn	Field record / observation; Daytime observation, Habitat: Quarry: disused	D1373/001/03	RD1(UK), S42, UKBAP, LBAP[GWY]	3	☑
<i>Hipparchia semele</i> (Grayling / Gweirioyn Lwyd)	SJ254523 (Estimated (Centroid of Site))	16/08/1988	Rob W Whitehead	2		Gwynfryn	adjacent to disused quarry. Breeding: No. Mature: Yes. Record type: Field record / observation	D0127/001/02	RD1(UK), S42, UKBAP, LBAP[GWY]	3	☑
<i>Hipparchia semele</i> (Grayling / Gweirioyn Lwyd)	SJ262518 (Estimated (Centroid of Site))	17/08/1988	Rob W Whitehead	2		Minera, Dismanted Railway	Breeding: No. Mature: Yes. Record type: Field record / observation	D0127/001/02	RD1(UK), S42, UKBAP, LBAP[GWY]	3	☑
<i>Hydraecia micacea</i> (Rosy Rustic / Gwladwr Gwridog)	SJ258518	24/08/1984	M.Newstead	1 Adult		Minera quarry	Quarry: disused. Method: MV Light	D1285/001/02	S42, UKBAP, LBAP[GWY]	3	☑

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	SA
Lagopus lagopus (Red Grouse / Grugiar Goch)	SJ2551	2 records, between 28/04/2007 and 23/07/2009	Julie Rogers; Julie Chicken	1		Site Name Withheld	Comments Withheld	D0062/001/01	BDi2.1, S42, UKBA, UKBAP, WBR, LBAP[CON, DEN, FLI, GWY, SNP]	3	SA
Larus argentatus (Herring Gull / Gwylan y Penwaig)	SJ2453	4 records, between 19/05/2008 and 22/12/2013	Julie Chicken; Davies, S	20; 28; 5; 6		Site Name Withheld; Nant-y-Ffrith Reservoir	Comments Withheld	D0062/001/01 D1297/013/01	BDi2.2, Bonn, S42, UKBA, UKBAP, UKBR, LBAP[CON, GWY]	3	SA
Lasiommata megera (Wall / Gweirioyn y Cloddiau)	SJ252522 (Estimated (Centroid of Site))	01/06/1998	Bryan Formstone	2		Minera Quarry, Gwynfryn	Breeding: No. Habitat: Quarry; disused. Mature: Yes. Record type: Field record / observation	D0127/001/02	RD1(UK), S42, UKBAP, LBAP[GWY]	3	SA
Lasiommata megera (Wall / Gweirioyn y Cloddiau)	SJ257531	17/07/1997	Emily Meilleur			Bwlchgwyn Quarry		D0229/002/01	RD1(UK), S42, UKBAP, LBAP[GWY]	1	SA
Lasiommata megera (Wall / Gweirioyn y Cloddiau)	SJ262518 (Estimated (Centroid of Site))	28/05/1990	Rob W Whitehead	2		Minera, Dismantled Railway	Breeding: No. Mature: Yes. Record type: Field record / observation	D0127/001/02	RD1(UK), S42, UKBAP, LBAP[GWY]	3	SA
Lasiommata megera (Wall / Gweirioyn y Cloddiau)	SJ260530	26/05/2014	Steven Davies	1 Adult		Bwlchgwyn		D1117/001/01	RD1(UK), S42, UKBAP, LBAP[GWY]	1	SA
Linaria cannabina (Linnet / Llinos)	SJ2451	28/03/2010	Andrew Wallbank	2		Site Name Withheld	Comments Withheld	D0062/003/01	Bern, S42, UKBR, WBR, LBAP[ANG, CON, DEN, FLI, GWY]	3	SA
Linaria cannabina (Linnet / Llinos)	SJ2551	6 records, between 28/02/2009 and 31/05/2011	Julie Chicken; Norman Hallas; Steven Davies	2; 1; 5		Site Name Withheld; Ruabon Mountain, Ercallham Mountain, N	Comments Withheld; BirdTrack; Birdtrack: Breeding code: H	D0062/001/01 D1297/005/01 D1297/002/01	Bern, S42, UKBR, WBR, LBAP[ANG, CON, DEN, FLI, GWY]	3	SA
Linaria cannabina (Linnet / Llinos)	SJ2552	3 records, between 20/02/2008 and 28/07/2011	Julie Chicken; Steven Davies	5; 10; 3		Site Name Withheld; Gwynfryn	Comments Withheld; BirdTrack	D0062/001/01 D1297/005/01	Bern, S42, UKBR, WBR, LBAP[ANG, CON, DEN, FLI, GWY]	3	SA
Linaria cannabina (Linnet / Llinos)	SJ257531	17/07/1997	Emily Meilleur			Bwlchgwyn Quarry		D0229/002/01	Bern, S42, UKBR, WBR, LBAP[ANG, CON, DEN, FLI, GWY]	1	SA
Linaria cannabina (Linnet / Llinos)	SJ2651	2 records, between 02/05/2011 and 14/07/2011	Steven Davies; Kevin Smith	5; 1		Minera, Quarry; Site Name Withheld	BirdTrack; Comments Withheld	D1297/005/01 D0062/003/01	Bern, S42, UKBR, WBR, LBAP[ANG, CON, DEN, FLI, GWY]	1	SA
Linaria cannabina (Linnet / Llinos)	SJ2652	07/05/2009	Steven Davies	2		Gwynfryn, E		D1297/002/01	Bern, S42, UKBR, WBR, LBAP[ANG, CON, DEN, FLI, GWY]	1	SA
Linaria cannabina (Linnet / Llinos)	SJ2653	2 records, between 23/07/2007 and 22/04/2009	Julie Chicken; Steven Davies	50; 1		Site Name Withheld; Bwlchgwyn	Comments Withheld	D0062/001/01 D1297/002/01	Bern, S42, UKBR, WBR, LBAP[ANG, CON, DEN, FLI, GWY]	3	SA
Loxia curvirostra (Common Crossbill / Gylfingroes)	SJ2451	25/03/2005	John Lawton Roberts	3		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, WCA1.1, LBAP[CON]	3	SA
Loxia curvirostra (Common Crossbill / Gylfingroes)	SJ2452	2 records, between 29/07/2004 and 10/04/2011	John Lawton Roberts; Steven Davies	1; 5		Site Name Withheld; Gwynfryn, W	Comments Withheld; BirdTrack	D0062/001/01 D1297/005/01	Bern, WCA1.1, LBAP[CON]	3	SA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	SA
Loxia curvirostra (Common Crossbill / Gylfingroes)	SJ2453	28/08/2004	Steven Davies	5		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, WCA1.1, LBAP[CON]	3	SA
Loxia curvirostra (Common Crossbill / Gylfingroes)	SJ2551	18/03/2011	John Lawton Roberts	1 Male		Site Name Withheld	Comments Withheld	D0062/003/01	Bern, WCA1.1, LBAP[CON]	3	SA
Loxia curvirostra (Common Crossbill / Gylfingroes)	SJ2552	20/02/2008	Julie Chicken	2 Female		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, WCA1.1, LBAP[CON]	3	SA
Loxia curvirostra (Common Crossbill / Gylfingroes)	SJ2553	4 records, between 16/08/2004 and 24/09/2009	Steven Davies	3; 3 Female; 4 Male; 11		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, WCA1.1, LBAP[CON]	3	SA
Loxia curvirostra (Common Crossbill / Gylfingroes)	SJ2653	01/01/2013	Davies, S	2+		Bwlchgwyn		D1297/012/01	Bern, WCA1.1, LBAP[CON]	1	SA
Meles meles (Badger / Mochyn Daear)	SJ2553	05/06/2000	Clwyd Badger Group (CBG)		Badger Sett	Site Name Withheld	Comments Withheld	D0059/001/01	BA, Bern, LBAP[CON, DEN, FLI, WRE]	3	SA
Meles meles (Badger / Mochyn Daear)	SJ2651	2 records, between 02/01/2002 and 30/10/2004	Clwyd Badger Group (CBG)		Badger Sett	Site Name Withheld	Comments Withheld	D0059/001/01	BA, Bern, LBAP[CON, DEN, FLI, WRE]	3	SA
Meles meles (Badger / Mochyn Daear)	SJ2652	11/04/2002	Clwyd Badger Group (CBG)		Badger Sett	Site Name Withheld	Comments Withheld	D0059/001/01	BA, Bern, LBAP[CON, DEN, FLI, WRE]	3	SA
Meles meles (Badger / Mochyn Daear)	SJ2653	05/06/2000	Clwyd Badger Group (CBG)		Badger Sett	Site Name Withheld	Comments Withheld	D0059/001/01	BA, Bern, LBAP[CON, DEN, FLI, WRE]	3	SA
Mesoligia illerosa (Rosy Minor / Corrach Gwridog)	SJ258518	29/07/1984	M.Newstead	1 Adult		Minera quarry	Quarry: disused. Method: MV Light	D1285/001/02	S42, UKBAP, LBAP[GWY]	3	SA
Milvus milvus (Red Kite / Barcud)	SJ25	19/04/2009	Steven Davies	1		Site Name Withheld	Comments Withheld	D1297/002/01	BDi1, Bonn, CITES, RD1(UK), UKBA, WBA, WCA1.1, WCA9, LBAP[CON, GWY]	1	SA
Monotropa hypopitys (Yellow Bird's-nest / Cytwf)	SJ2593451864	22/08/2008	Williams, D. & Green, J.A.		Minera	S side of path, above house with dogs		D1169/001/02	RD1(UK), RD2(UK), S42, UKBAP, LBAP[GWY]	3	SA
Monotropa hypopitys (Yellow Bird's-nest / Cytwf)	SJ259519	2000	Anon		Minera			D0216/001/03	RD1(UK), RD2(UK), S42, UKBAP, LBAP[GWY]	2	SA
Muscicapa striata (Spotted Flycatcher / Gwybedog Mannog)	SJ2651	06/07/2004	Steven Davies	2		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, Bonn, S42, UKBAP, UKBR, WBR, LBAP[CON, DEN, FLI, GWY]	3	SA
Mustela erminea (Stoat / Carlem)	SJ248527	11/04/2012	Steven Davies	1	Live Sighting	West of Gwynfryn		D1117/001/01	Bern, NRW, LBAP[ANG, CON, FLI]	4	SA
Mustela putorius (Polecat / Fflwbart)	SJ259518	17/10/1999	Tony King	1		Minera lead mine	Dead polecat at the bottom of a mineshaft (Pipe Shaft)	D1117/001/01	Bern, HDi1, RD2(UK), S42, UKBAP, LBAP[CON, FLI, GWY, SNP]	4	SA
Myotis (Myotis Bat Species)	SJ2551	9 records, between 16/01/1993 and 06/12/2008	Anon @ Clwyd Bat Group	1; 2; 4; 5; 8; 11		Site Name Withheld	Comments Withheld	D0059/001/01	Bern, Bonn, EPS, HDi1, WCA9, LBAP[ANG, DEN, FLI, SNP]	3	SA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	SA
<i>Myotis</i> (Myotis Bat Species)	SJ2551	06/12/2013	Anon @ Clwyd Bat Group	1		Site Name Withheld	Comments Withheld	D0098/001/01	Bern, Bonn, EPS, HDR, WCA5, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	3	SA
<i>Myotis daubentonii</i> (Daubenton's Bat / Ystlum y Dwr)	SJ2551	27 records, between 23/02/1992 and 18/01/2014	Anon @ Clwyd Bat Group; Sam Dyer	3; 4; 5; 2; 1; Adult M		Site Name Withheld	Comments Withheld	D0098/001/01 D1543/002/01	Bern, Bonn, EPS, HDR, RD2(UK), WCA5, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	3	SA
<i>Myotis daubentonii</i> (Daubenton's Bat / Ystlum y Dwr)	SJ2551	3 records, between 03/03/1991 and 06/12/2013	Anon @ Clwyd Bat Group	1; 3; 4		Site Name Withheld	Comments Withheld	D0098/001/01	Bern, Bonn, EPS, HDR, RD2(UK), WCA5, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	3	SA
<i>Myotis daubentonii</i> (Daubenton's Bat / Ystlum y Dwr)	SJ2553	1987	Schofield, Henry			Site Name Withheld	Comments Withheld	D1072/001/02	Bern, Bonn, EPS, HDR, RD2(UK), WCA5, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	3	SA
<i>Myotis mystacinus</i> (Whiskered Bat / Ystlum Barfog)	SJ2551	04/10/2012	Sam Dyer	Adult M		Site Name Withheld	Comments Withheld	D1543/002/01	Bern, Bonn, EPS, HDR, RD2(UK), WCA5, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	3	SA
<i>Myotis mystacinus/brandtii</i> (Whiskered/Brandt's Bat)	SJ2551 (Supplied by Original Recorder (Unchecked))	12 records, between 23/02/1992 and 02/03/2008	Keith Davies; Anon @ Clwyd Bat Group	1; 2	Bat Roost	Site Name Withheld	Comments Withheld	D0308/046/01 D0098/001/01	Bern, Bonn, EPS, HDR, WCA5, LBAP(ANG, CON, DEN, FLI, SNP)	1	SA
<i>Myotis mystacinus/brandtii</i> (Whiskered/Brandt's Bat)	SJ2551	3 records, between 03/03/1992 and 01/03/2014	Anon @ Clwyd Bat Group	1; 2		Site Name Withheld	Comments Withheld	D0098/001/01	Bern, Bonn, EPS, HDR, WCA5, LBAP(ANG, CON, DEN, FLI, SNP)	3	SA
<i>Myotis mystacinus/brandtii</i> (Whiskered/Brandt's Bat)	SJ2552	2 records, between 10/12/2006 and 06/12/2008	Anon @ Clwyd Bat Group	1		Site Name Withheld	Comments Withheld	D0098/001/01	Bern, Bonn, EPS, HDR, WCA5, LBAP(ANG, CON, DEN, FLI, SNP)	3	SA
<i>Myotis nattereri</i> (Natterer's Bat / Ystlum Natterer)	SJ2551 (Supplied by Original Recorder (Unchecked))	126 records, between 23/02/1992 and 18/01/2014	Keith Davies; Anon @ Clwyd Bat Group; Sam Dyer	19; 21; 48; 37; 31; 27; 2; 43; 67; 4; 7; 8; 10; 11; 12; 13; 14; 15; 16; 17; 20; 22; 24; 25; 26; 28; 29; 30; 32; 34; 35; 38; 39; 41; 42; 44; 47; 51; 52; 53; Adult M; Juvenile M; Adult F	Bat Roost	Site Name Withheld	Comments Withheld	D0308/046/01 D0098/001/01 D1543/002/01	Bern, Bonn, EPS, HDR, RD2(UK), WCA5, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	1	SA
<i>Myotis nattereri</i> (Natterer's Bat / Ystlum Natterer)	SJ2551	3 records, between 04/03/1995 and 01/03/2014	Anon @ Clwyd Bat Group	2; 1; 4		Site Name Withheld	Comments Withheld	D0098/001/01	Bern, Bonn, EPS, HDR, RD2(UK), WCA5, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	3	SA
<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		Site Name Withheld	Comments Withheld	D0098/001/01	Bern, Bonn, EPS, HDR, RD2(UK), WCA5, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	3	SA
<i>Natrix natrix</i> (Grass Snake / Neidr y Gwair)	SJ2553	2 records, both in 1990	Mark Lee; Lee, Mark			Bwlchgwyn Quarry		D0035/002/01 D1076/001/02	Bern, S42, UKBAP, WCA5, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	4	SA
<i>Natrix natrix</i> (Grass Snake / Neidr y Gwair)	SJ2551	3 records, all on 12/09/1981	L Farrell; Farrell, L.; Mary Swan			Minera quarries; Minera Quarries; Mineral Quarries		D0035/002/01 D1076/001/02	Bern, S42, UKBAP, WCA5, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	4	SA
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ2452	26/05/2013	Davies, S	1		Gwynfryn, W	Breeding status: Singing male	D1297/012/01	BDi2.2, Bonn, RD1(UK), S42, UKBA, UKBAP, WBR, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	1	SA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	SA
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ2453	26 records, between 28/03/2004 and 30/06/2013	Steven Davies; John Lawton Roberts; Kevin Smith; Julie Chicken; Davies, S	1; 2; 4; 3 Female; 3 Male; 5		Nant-y-Ffrith Reservoir; Site Name Withheld	Birdtrack: Breeding code: H; Birdtrack: Breeding code: D; BirdTrack: Comments Withheld; Breeding status: Suitable nesting habitat	D1297/005/01 D0062/001/01 D1297/013/01 D1297/002/01	BDi2.2, Bonn, RD1(UK), S42, UKBA, UKBAP, WBR, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	1	SA
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ2551	2 records, between 17/04/2005 and 31/05/2011	Julie Rogers; Norman Hallas	1		Site Name Withheld; Ruabon Mountain, Escusham Mountain, N	Comments Withheld; BirdTrack Alarmed by same buzzard. Not seen / heard one here for many years when one was leading chicks down road off moor	D0062/001/01 D1297/005/01	BDi2.2, Bonn, RD1(UK), S42, UKBA, UKBAP, WBR, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	3	SA
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ254516 (Estimated (From Recorder's Map))	25/04/2014	Chris Mellanchip	1 Adult	Live Sighting	LMZ: Ruabon 06	Heard, not seen.	D1448/002/01	BDi2.2, Bonn, RD1(UK), S42, UKBA, UKBAP, WBR, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	3	SA
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ2552	2 records, between 01/06/2004 and 02/05/2009	Norman Hallas; Steven Davies	1		Site Name Withheld; Gwynfryn	Comments Withheld	D0062/001/01 D1297/002/01	BDi2.2, Bonn, RD1(UK), S42, UKBA, UKBAP, WBR, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	3	SA
<i>Numenius arquata</i> (Curlew / Gylfinir)	SJ2552	07/05/2009	Steven Davies	1		Gwynfryn, E		D1297/002/01	BDi2.2, Bonn, RD1(UK), S42, UKBA, UKBAP, WBR, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	1	SA
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ2453	10 records, between 02/01/2009 and 22/12/2013	Steven Davies; Davies, S	2; 1+; 4; 2+; 1; 3		Nant-y-Ffrith Reservoir; Site Name Withheld	BirdTrack: Comments Withheld	D1297/005/01 D0062/001/01 D1297/013/01 D1297/002/01	S42, UKBAP, UKBR, WBA, LBAP(CON, FLI, GWY)	1	SA
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ2552	3 records, between 13/12/2007 and 28/07/2011	Steven Davies; Julie Chicken	1+; 7		Gwynfryn; Site Name Withheld	BirdTrack: Comments Withheld	D1297/005/01 D0062/001/01	S42, UKBAP, UKBR, WBA, LBAP(CON, FLI, GWY)	1	SA
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ257523	27/09/2012	Martyn Harris	5		Gwynfryn, near Minera, Denbighshire	field record	D0969/001/04	S42, UKBAP, UKBR, WBA, LBAP(CON, FLI, GWY)	1	SA
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ2553	29/06/2011	Steven Davies	1		Bwlchgwyn, W	BirdTrack	D1297/005/01	S42, UKBAP, UKBR, WBA, LBAP(CON, FLI, GWY)	1	SA
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ2552	28/07/2011	Steven Davies	1+		Gwynfryn, E	BirdTrack	D1297/005/01	S42, UKBAP, UKBR, WBA, LBAP(CON, FLI, GWY)	1	SA
<i>Passer domesticus</i> (House Sparrow / Aderyn y To)	SJ2553	26 records, between 05/02/2006 and 29/12/2013	Steven Davies; Julie Chicken; Davies, S	1+; 11; 3 Female; 2 Male; 4; 2; 9; 6; 3; 20; 16; 12		Bwlchgwyn; Site Name Withheld	Birdtrack: Breeding code: H; Birdtrack: Breeding code: N; Birdtrack: BirdTrack; Comments Withheld	D1297/005/01 D0062/001/01 D1297/012/01 D1297/002/01	S42, UKBAP, UKBR, WBA, LBAP(CON, FLI, GWY)	1	SA
<i>Perizoma abulata</i> (Grass Rivulet / Gwregys y Gwair)	SJ258518	16/05/1985	M.Newstead	1 Adult		Minera quarry	Quarry: disused. Method: MV Light	D1285/001/02	S42, UKBAP	3	SA
<i>Perizoma abulata</i> (Grass Rivulet / Gwregys y Gwair)	SJ250520	2 records, both on 16/05/1984	Mr M. Newstead; Newstead, Mr M.	1 present	Field record	Minera Quarry		D0217/001/01 D1050/003/01	S42, UKBAP	3	SA
<i>Perizoma abulata</i> (Grass Rivulet / Gwregys y Gwair)	SJ252524	25/07/2012	Graham, A.N. & J.E.	1 Adult		Minera Quarry	Method: Sweeping	D1285/001/02	S42, UKBAP	3	SA

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	SA
<i>Perizoma abuluta</i> (Grass Rivulet / Gwregys y Gwair)	SJ256522	13/06/2003	J.B. Fomstone	2 Adult		Minera quarry North	Scrub: scattered. Method: Netted	D1285/001/02	S42, UKBAP	3	☑
<i>Pipistrellus pipistrellus</i> (Common Pipistrelle / Ystum Lleiaf Cyffredin)	SJ2551	05/09/1996	Anon			Site Name Withheld	Comments Withheld	D1486/001/01	Bern, Bonn, EPS, HDIR, RD2(UK), S42, WCA5, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	3	☑
<i>Pipistrellus pipistrellus</i> (Common Pipistrelle / Ystum Lleiaf Cyffredin)	SJ2651	06/06/1993	Anon	23		Site Name Withheld	Comments Withheld	D1486/001/01	Bern, Bonn, EPS, HDIR, RD2(UK), S42, WCA5, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	3	☑
<i>Plecotus auritus</i> (Brown Long-eared Bat / Ystum Hinglust)	SJ2551 (Supplied by Original Recorder (Unchecked))	90 records, between 23/02/1992 and 18/01/2014	Keith Davies; Anon @ Clwyd Bat Group; Sam Dyer	3; 1; 6; 13; 8; 5; 10; 2; 4; 7; 9; 15; Adult M; Adult F	Bat Roost	Site Name Withheld	Comments Withheld	D0308/046/01 D0098/001/01 D1543/002/01	Bern, Bonn, EPS, HDIR, RD2(UK), S42, UKBAP, WCA5, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	1	☑
<i>Plecotus auritus</i> (Brown Long-eared Bat / Ystum Hinglust)	SJ2551	01/03/2014	Anon @ Clwyd Bat Group	1		Site Name Withheld	Comments Withheld	D0098/001/01	Bern, Bonn, EPS, HDIR, RD2(UK), S42, UKBAP, WCA5, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	3	☑
<i>Poecile palustris</i> (Marsh Tit / Titw'r Wern)	SJ2552	21/03/2011	Mike S Jones	1 Adult		Site Name Withheld	Comments Withheld	D0062/003/01	Bern, RD2(UK), S42, UKBAP, UKBR, WBR, LBAP(CON, DEN, FLI, GWY)	4	☑
<i>Prunella modularis</i> (Dunnoch / Llywd y Gwrych)	SJ2452	28/02/2011	Steven Davies	1		Gwynfryn, W	BirdTrack	D1297/005/01	Bern, RD2(UK), S42, UKBA, UKBAP, LBAP(CON)	1	☑
<i>Prunella modularis</i> (Dunnoch / Llywd y Gwrych)	SJ2453	7 records, between 19/04/2009 and 27/06/2011	Steven Davies	1		Nant-y-Ffrith Reservoir	Birdtrack; BirdTrack	D1297/005/01 D1297/002/01	Bern, RD2(UK), S42, UKBA, UKBAP, LBAP(CON)	1	☑
<i>Prunella modularis</i> (Dunnoch / Llywd y Gwrych)	SJ2552	13/12/2007	Julie Chicken	2		Site Name Withheld	Comments Withheld	D0062/001/01	Bern, RD2(UK), S42, UKBA, UKBAP, LBAP(CON)	3	☑
<i>Prunella modularis</i> (Dunnoch / Llywd y Gwrych)	SJ2553	2 records, between 01/06/2009 and 29/06/2011	Steven Davies	2		Bwlchgwyn, W	BirdTrack	D1297/005/01 D1297/002/01	Bern, RD2(UK), S42, UKBA, UKBAP, LBAP(CON)	1	☑
<i>Prunella modularis</i> (Dunnoch / Llywd y Gwrych)	SJ2651	2 records, between 30/11/2004 and 07/05/2009	Julie Chicken; Steven Davies	1		Site Name Withheld; Minera, Quarry	Comments Withheld	D0062/001/01 D1297/002/01	Bern, RD2(UK), S42, UKBA, UKBAP, LBAP(CON)	3	☑
<i>Prunella modularis</i> (Dunnoch / Llywd y Gwrych)	SJ2652	28/07/2011	Steven Davies	1		Gwynfryn, E	BirdTrack	D1297/005/01	Bern, RD2(UK), S42, UKBA, UKBAP, LBAP(CON)	1	☑
<i>Prunella modularis</i> (Dunnoch / Llywd y Gwrych)	SJ2653	15 records, between 08/01/2006 and 17/04/2011	Steven Davies; Julie Chicken	1; 2; 3; 4; 6		Bwlchgwyn; Site Name Withheld	BirdTrack; Comments Withheld	D1297/005/01 D0062/001/01 D1297/002/01	Bern, RD2(UK), S42, UKBA, UKBAP, LBAP(CON)	1	☑
<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ2453	11 records, between 30/11/2004 and 10/11/2013	Steven Davies; Julie Chicken; Davies, S	2; 3; 5; 2 Male; 6; 1		Nant-y-Ffrith Reservoir; Site Name Withheld	Birdtrack: Breeding code: P. Birdtrack; Comments Withheld	D1297/005/01 D0062/001/01 D1297/013/01 D1297/002/01	S42, UKBA, UKBAP, UKBR, WBR, LBAP(CON, DEN, FLI, GWY)	1	☑
<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ2551	2 records, between 28/02/2011 and 14/07/2011	Steven Davies	1; 2		Ruabon Mountain, Esclusham Mountain, N	BirdTrack	D1297/005/01	S42, UKBA, UKBAP, UKBR, WBR, LBAP(CON, DEN, FLI, GWY)	1	☑
<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ259522	08/08/1997	Emily Meilleur			Old Farm		D0023/002/01	S42, UKBA, UKBAP, UKBR, WBR, LBAP(CON, DEN, FLI, GWY)	1	☑

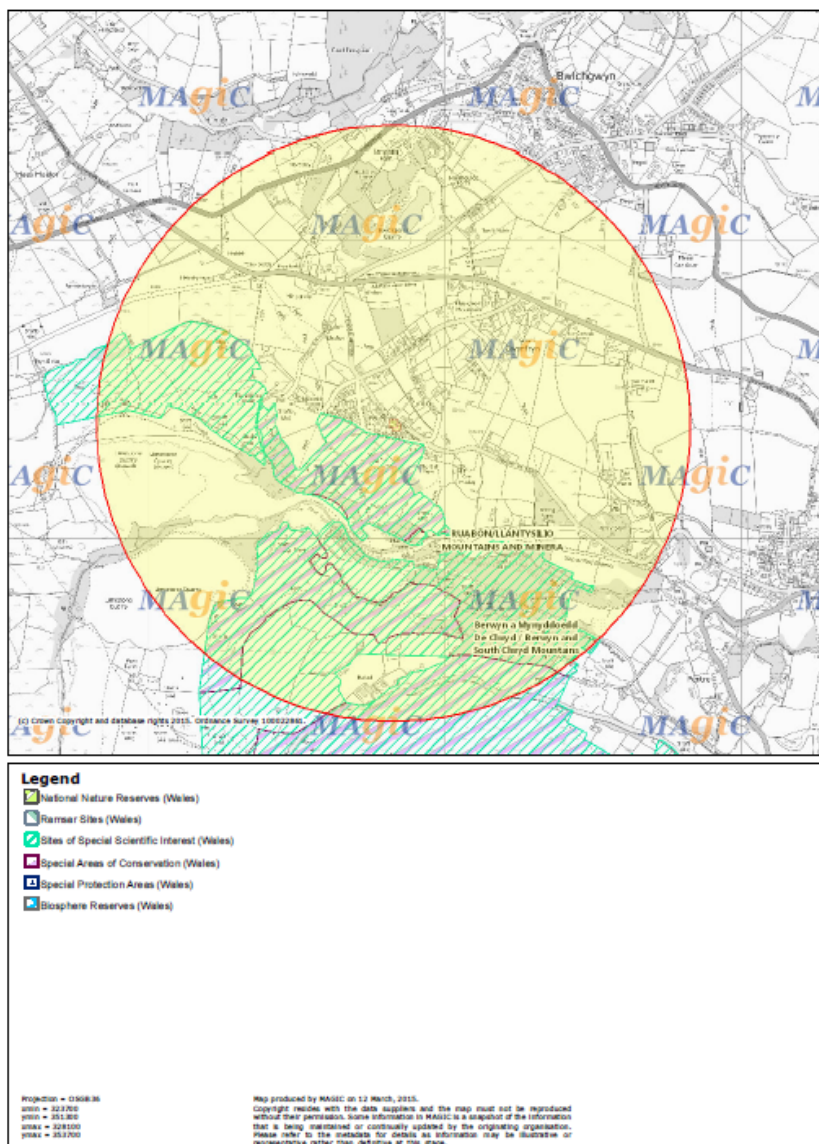
Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	SA
<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ2553	2 records, between 28/06/2007 and 03/06/2010	Steven Davies	1 Female; 2		Site Name Withheld; Bwlchgwyn, W	Comments Withheld; Birdtrack: Breeding code: H	D0062/001/01 D1297/005/01	S42, UKBA, UKBAP, UKBR, WBR, LBAP(CON, DEN, FLI, GWY)	3	☑
<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ2651	2 records, between 18/02/2005 and 07/05/2009	Julie Rogers; Steven Davies	1		Site Name Withheld; Minera, Quarry	Comments Withheld	D0062/001/01 D1297/002/01	S42, UKBA, UKBAP, UKBR, WBR, LBAP(CON, DEN, FLI, GWY)	3	☑
<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ2652	28/07/2011	Steven Davies	1+		Gwynfryn, E	BirdTrack	D1297/005/01	S42, UKBA, UKBAP, UKBR, WBR, LBAP(CON, DEN, FLI, GWY)	1	☑
<i>Pyrrhula pyrrhula</i> (Bullfinch / Coch y Berllan)	SJ2653	24 records, between 14/10/2004 and 01/01/2013	Steven Davies; Julie Chicken; Davies, S	1; 2; 3 Female; 2 Male; 5; 4; 1 Female; 3 Male; 10; 2 Female; 4 Female; 6 Male; 2 Juvenile		Bwlchgwyn; Site Name Withheld	BirdTrack; Comments Withheld	D1297/005/01 D0062/001/01 D1297/012/01	S42, UKBA, UKBAP, UKBR, WBR, LBAP(CON, DEN, FLI, GWY)	1	☑
<i>Rana temporaria</i> (Common Frog / Llyfant Melyn)	SJ257531	17/07/1997	Emily Meilleur			Bwlchgwyn Quarry		D0023/002/01	Bern, HDIR, WCA5, LBAP(ANG, CON, FLI)	1	☑
<i>Rana temporaria</i> (Common Frog / Llyfant Melyn)	SJ262515	29/06/1996	Merritt, R.			Minera		D1076/001/02	Bern, HDIR, WCA5, LBAP(ANG, CON, FLI)	3	☑
<i>Rhinolophus hipposideros</i> (Lesser Horseshoe Bat / Ystum Pedol Lleiaf)	SJ2551 (Supplied by Original Recorder (Unchecked))	16 records, between 05/12/1992 and 18/01/2014	Keith Davies; Anon @ Clwyd Bat Group; Sam Dyer	1; 2; Adult M	Bat Roost	Site Name Withheld	Comments Withheld	D0308/046/01 D0098/001/01 D1543/002/01	Bern, Bonn, EPS, HDIR, RD2(UK), S42, UKBAP, WCA5, LBAP(ANG, CON, DEN, FLI, GWY, SNP, WRE)	1	☑
<i>Rhinolophus hipposideros</i> (Lesser Horseshoe Bat / Ystum Pedol Lleiaf)	SJ2551	5 records, between 03/03/1992 and 01/03/2014	Anon @ Clwyd Bat Group	9; 1; 27; 2		Site Name Withheld	Comments Withheld	D0098/001/01	Bern, Bonn, EPS, HDIR, RD2(UK), S42, UKBAP, WCA5, LBAP(ANG, CON, DEN, FLI, GWY, SNP, WRE)	3	☑
<i>Rhinolophus hipposideros</i> (Lesser Horseshoe Bat / Ystum Pedol Lleiaf)	SJ2552	12 records, between 01/12/2003 and 01/03/2014	Anon @ Clwyd Bat Group	3; 4; 5; 7; 1; 2; 22		Site Name Withheld	Comments Withheld	D0098/001/01	Bern, Bonn, EPS, HDIR, RD2(UK), S42, UKBAP, WCA5, LBAP(ANG, CON, DEN, FLI, GWY, SNP, WRE)	3	☑
<i>Rhinolophus hipposideros</i> (Lesser Horseshoe Bat / Ystum Pedol Lleiaf)	SJ2653	1987	Schofield, Henry			Site Name Withheld	Comments Withheld	D1072/001/02	Bern, Bonn, EPS, HDIR, RD2(UK), S42, UKBAP, WCA5, LBAP(ANG, CON, DEN, FLI, GWY, SNP, WRE)	3	☑
<i>Spilosoma lubricipeda</i> (White Emme / Ermin Gwyn)	SJ258518	08/06/1984	M.Newstead	1 Adult		Minera quarry	Quarry: disused. Method: MV Light	D1285/001/02	S42, UKBAP, LBAP(GWY)	3	☑
<i>Spilosoma luteum</i> (Buff Emme / Ermin Llywdfelyn)	SJ258518	08/06/1984	M.Newstead	1 Adult		Minera quarry	Quarry: disused. Method: MV Light	D1285/001/02	S42, UKBAP, LBAP(GWY)	3	☑
<i>Streptopelia turtur</i> (Turtle Dove / Turtur)	SJ2452	30/05/2004	John Lawton Roberts	2		Site Name Withheld	Comments Withheld	D0062/001/01	BDI2.2, CITES, S42, UKBAP, UKBR, WBR, LBAP(CON, GWY)	3	☑
<i>Streptopelia turtur</i> (Turtle Dove / Turtur)	SJ2652	14 records, between 03/05/2004 and 19/06/2004	Les Wood	1; 2		Site Name Withheld	Comments Withheld	D0062/001/01	BDI2.2, CITES, S42, UKBAP, UKBR, WBR, LBAP(CON, GWY)	3	☑

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	Σ
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ2452	26/06/2010	Steven Davies	1+		Gwynfryn, W	Birdtrack: Breeding code: F	D1297/005/01	BDr2.2, Bem, RD2(UK), S42, UKBAP, UKBR, WBR, LBAP(CON, FLI, GWY)	1	☑
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ2453	26 records, between 29/07/2004 and 22/12/2013	Steven Davies; John Lawton Roberts; Julie Chicken; Davies, S	1+; 1; 25; 10; 50; 25 Juvenile; 150; 6; c20; 7; c30; 40+; 20		Nant-y-Ffrith Reservoir; Site Name Withheld	Birdtrack: Birdtrack: Breeding code: F; Birdtrack: Breeding code: H; BirdTrack: Comments Withheld	D1297/002/01 D1297/005/01 D0062/001/01 D1297/013/01	BDr2.2, Bem, RD2(UK), S42, UKBAP, UKBR, WBR, LBAP(CON, FLI, GWY)	1	☑
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ2552	02/05/2009	Steven Davies	1		Gwynfryn		D1297/002/01	BDr2.2, Bem, RD2(UK), S42, UKBAP, UKBR, WBR, LBAP(CON, FLI, GWY)	1	☑
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ2651	12/12/2008	Julie Chicken	21		Site Name Withheld	Comments Withheld	D0062/001/01	BDr2.2, Bem, RD2(UK), S42, UKBAP, UKBR, WBR, LBAP(CON, FLI, GWY)	3	☑
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ2652	07/05/2009	Steven Davies	1+		Gwynfryn, E		D1297/002/01	BDr2.2, Bem, RD2(UK), S42, UKBAP, UKBR, WBR, LBAP(CON, FLI, GWY)	1	☑
<i>Sturnus vulgaris</i> (Starling / Drudwen)	SJ2653	17 records, between 01/01/2006 and 19/05/2013	Steven Davies; Julie Chicken; Davies, S	1+; 300+; 4; 5; 2; 12; 8; 18		Bwlchgwyn; Site Name Withheld	Birdtrack: Breeding code: H; Birdtrack: BirdTrack: Comments Withheld	D1297/005/01 D0062/001/01 D1297/012/01 D1297/002/01	BDr2.2, Bem, RD2(UK), S42, UKBAP, UKBR, WBR, LBAP(CON, FLI, GWY)	1	☑
<i>Tetrao tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25	02/05/2009	Steven Davies	2		Site Name Withheld	Comments Withheld	D1297/002/01	BDr2.2, S42, UKBAP, UKBR, WBR, LBAP(CON, DEN, FLI, GWY, SNP)	1	☑
<i>Tetrao tetrix</i> (Black Grouse / Grugiar Ddu)	SJ25	2 records, between 28/04/2013 and 27/07/2013	Davies, S	Adult Male 1; Male 1		Site Name Withheld	Comments Withheld	D1297/012/01	BDr2.2, S42, UKBAP, UKBR, WBR, LBAP(CON, DEN, FLI, GWY, SNP)	1	☑
<i>Tholera decemline</i> (Feathered Gothic / Rhwyll Blug)	SJ258518	07/09/1984	M.Newstead	1 Adult		Minera quarry	Quarry: disused. Method: MV Light	D1285/001/02	S42, UKBAP	3	☑
<i>Triturus cristatus</i> (Great Crested Newt / Madfall Ddwr Grïog)	SJ25705163 (Approximate)	1992	KM	Present		Near Hafod Farm		D1118/011/03	Bem, EPS, HDR, RD1(UK), RD2(UK), S42, UKBAP, WCA5, LBAP(ANG, CON, DEN, FLI, SNP, WRE)	1	☑
<i>Turdus iliacus</i> (Redwing / Coch Dan Adain)	SJ2453	8 records, between 28/04/2013 and 27/09/2013	Steven Davies; Julie Chicken; Davies, S	1+; 1500; 12; 25; 2; 1		Nant-y-Ffrith Reservoir; Site Name Withheld	BirdTrack; Comments Withheld	D1297/005/01 D0062/001/01 D1297/013/01 D1297/002/01	BDr2.2, UKBA, UKBR, WBA, WCA1.1, LBAP(CON)	1	☑
<i>Turdus iliacus</i> (Redwing / Coch Dan Adain)	SJ2553	11/10/2007	Steven Davies	20		Site Name Withheld	Comments Withheld	D0062/001/01	BDr2.2, UKBA, UKBR, WBA, WCA1.1, LBAP(CON)	3	☑
<i>Turdus iliacus</i> (Redwing / Coch Dan Adain)	SJ2652	12/10/2004	Les Wood	5		Site Name Withheld	Comments Withheld	D0062/001/01	BDr2.2, UKBA, UKBR, WBA, WCA1.1, LBAP(CON)	3	☑
<i>Turdus iliacus</i> (Redwing / Coch Dan Adain)	SJ2653	6 records, between 13/03/2007 and 29/12/2013	Steven Davies; Julie Chicken; Davies, S	20; 1; 22; 20+		Bwlchgwyn; Site Name Withheld	BirdTrack; Comments Withheld	D1297/005/01 D0062/001/01 D1297/012/01	BDr2.2, UKBA, UKBR, WBA, WCA1.1, LBAP(CON)	1	☑

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	Σ
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ2451	28/04/2013	Davies, S	1		Gwynfryn, SW		D1297/012/01	BDr2.2, Bem, RD2(UK), S42, UKBAP, UKBR, WBA, LBAP(ANG, CON, DEN, FLI, GWY, SNP, WRE)	1	☑
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ2452	2 records, between 26/06/2010 and 10/04/2011	Steven Davies	1; 2		Gwynfryn, W	BirdTrack; Birdtrack: Breeding code: H	D1297/005/01	BDr2.2, Bem, RD2(UK), S42, UKBAP, UKBR, WBA, LBAP(ANG, CON, DEN, FLI, GWY, SNP, WRE)	1	☑
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ2453	4 records, between 12/02/2008 and 22/09/2013	Julie Chicken; Steven Davies; Davies, S	1		Site Name Withheld; Nant-y-Ffrith Reservoir	Comments Withheld	D0062/001/01 D1297/002/01 D1297/013/01	BDr2.2, Bem, RD2(UK), S42, UKBAP, UKBR, WBA, LBAP(ANG, CON, DEN, FLI, GWY, SNP, WRE)	3	☑
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ2551	31/05/2011	Norman Hallas	1		Ruabon Mountain, Eclusham Mountain, N	BirdTrack	D1297/005/01	BDr2.2, Bem, RD2(UK), S42, UKBAP, UKBR, WBA, LBAP(ANG, CON, DEN, FLI, GWY, SNP, WRE)	1	☑
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ2552	02/05/2009	Steven Davies	1		Gwynfryn		D1297/002/01	BDr2.2, Bem, RD2(UK), S42, UKBAP, UKBR, WBA, LBAP(ANG, CON, DEN, FLI, GWY, SNP, WRE)	1	☑
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ2651	2 records, between 07/05/2007 and 14/07/2011	Steven Davies; Julie Rogers	1		Minera, Quarry; Site Name Withheld	BirdTrack; Comments Withheld	D1297/005/01 D0062/001/01	BDr2.2, Bem, RD2(UK), S42, UKBAP, UKBR, WBA, LBAP(ANG, CON, DEN, FLI, GWY, SNP, WRE)	1	☑
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ2652	28/07/2011	Steven Davies	1		Gwynfryn, E	BirdTrack	D1297/005/01	BDr2.2, Bem, RD2(UK), S42, UKBAP, UKBR, WBA, LBAP(ANG, CON, DEN, FLI, GWY, SNP, WRE)	1	☑
<i>Turdus philomelos</i> (Song Thrush / Bronfraith)	SJ2653	14 records, between 01/01/2006 and 25/07/2011	Steven Davies; Julie Chicken	1; 1+; 2; 3		Bwlchgwyn; Site Name Withheld	Birdtrack: Breeding code: FF; Birdtrack: Breeding code: S; BirdTrack: Comments Withheld	D1297/005/01 D0062/001/01	BDr2.2, Bem, RD2(UK), S42, UKBAP, UKBR, WBA, LBAP(ANG, CON, DEN, FLI, GWY, SNP, WRE)	1	☑
<i>Turdus pilaris</i> (Fieldfare / Socan Eira)	SJ2453	15 records, between 08/04/2004 and 22/12/2013	Steven Davies; Julie Chicken; Davies, S	20+; 1+; 2; 5; 1; 300; 21; 10+		Nant-y-Ffrith Reservoir; Site Name Withheld	Birdtrack; BirdTrack; Comments Withheld	D1297/002/01 D1297/005/01 D0062/003/01 D0062/001/01 D1297/013/01	BDr2.2, UKBA, UKBR, WBA, WCA1.1, LBAP(CON)	1	☑
<i>Turdus pilaris</i> (Fieldfare / Socan Eira)	SJ2551	09/12/2005	Julie Rogers	20+		Site Name Withheld	Comments Withheld	D0062/001/01	BDr2.2, UKBA, UKBR, WBA, WCA1.1, LBAP(CON)	3	☑
<i>Turdus pilaris</i> (Fieldfare / Socan Eira)	SJ2651	12/12/2008	Julie Chicken	12		Site Name Withheld	Comments Withheld	D0062/001/01	BDr2.2, UKBA, UKBR, WBA, WCA1.1, LBAP(CON)	3	☑
<i>Turdus pilaris</i> (Fieldfare / Socan Eira)	SJ2653	4 records, between 26/02/2006 and 24/02/2011	Steven Davies; Julie Chicken	1; 2		Bwlchgwyn; Site Name Withheld	BirdTrack; Comments Withheld	D1297/005/01 D0062/001/01	BDr2.2, UKBA, UKBR, WBA, WCA1.1, LBAP(CON)	1	☑
<i>Tyrus jacobaeae</i> (Cinnabar / Teigr y Benfelen)	SJ258518	25/07/1984	M.Newstead	1 Adult		Minera quarry	Quarry: disused. Method: MV Light	D1285/001/02	S42, UKBAP, LBAP(GWY)	3	☑

Species Name	Grid Reference	Date	Recorder(s)	Abundance	Record Type	Site Name	Comments	Dataset ID	Lists	V	SA
<i>Tyto alba</i> (Barn Owl / Tyluan Wen)	SJ26 (Supplied by Original Recorder)	24/03/2011	Elizabeth Webster	1	Field record	Site Name Withheld	Comments Withheld	D1419/002/01	Bern, CITES, RD2(UK), UKBA, WBA, WCA1, 1, WCA8, LBAP(ANG, CON, DEN, FLI, GWY, SNP, WREI)	1	
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ2452	10/04/2011	Steven Davies	2		Gwynfryn, W	BirdTrack	D1297/005/01	BDI2.2, Bonn, S42, UKBA, UKBAP, UKBR, WBR, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	1	
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ2453	30 records, between 30/04/2004 and 22/12/2013	Steven Davies; John Lawton Roberts; Julie Chicken; Davies, S	23+; 4; 20+; 30+; 1+; 12; 6; 20; 55+; 59; 75; 30; 2; 16; 5; 1; 10+; 8; 11; 28; 17+; c10; 13; c30		Nant-y-Ffrith Reservoir; Site Name Withheld	Birdtrack: Breeding code: D; Birdtrack: Breeding code: H; Birdtrack; BirdTrack; Comments Withheld	D1297/002/01 D1297/005/01 D0062/003/01 D0062/001/01 D1297/013/01	BDI2.2, Bonn, S42, UKBA, UKBAP, UKBR, WBR, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	1	
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ2552	2 records, between 01/06/2004 and 02/05/2009	Norman Hallas; Steven Davies	5+; 2		Site Name Withheld; Gwynfryn	Comments Withheld	D0062/001/01 D1297/002/01	BDI2.2, Bonn, S42, UKBA, UKBAP, UKBR, WBR, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	3	
<i>Vanellus vanellus</i> (Lapwing / Cornchwiglen)	SJ2653	22/04/2009	Steven Davies	1		Bwlchgwyn		D1297/002/01	BDI2.2, Bonn, S42, UKBA, UKBAP, UKBR, WBR, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	1	
<i>Vipera berus</i> (Adder / Gwiber)	SJ2553	2 records, both in 1990	Mark Lee; Lee, Mark			Bwlchgwyn Quarry		D0035/002/01 D1076/001/02	Bern, S42, UKBAP, WCA5, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	4	
<i>Vipera berus</i> (Adder / Gwiber)	SJ262526	2 records, both in 1990	Mark Lee; Lee, Mark			Y Gors, Gwynfryn	Nature reserve, Gwynfryn CC	D0035/002/01 D1076/001/02	Bern, S42, UKBAP, WCA5, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	4	
<i>Vipera berus</i> (Adder / Gwiber)	SJ2653	2 records, both in 1976	BW Burnett; Burnett, B.W.			Bwlchgwyn		D0035/002/01 D1076/001/02	Bern, S42, UKBAP, WCA5, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	4	
<i>Xanthia icterilis</i> (Sallow / Melyn Penfelyn)	SJ258518	24/08/1984	M.Newstead	1 Adult		Minera quarry	Quarry: disused. Method: MV Light	D1285/001/02	S42, UKBAP, LBAP[GWY]	3	
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ2553	4 records, between 1977 and 1990	BW Burnett; Mark Lee; Burnett, B.W.; Lee, Mark			Bwlchgwyn; Bwlchgwyn Quarry		D0035/002/01 D1076/001/02	Bern, S42, UKBAP, WCA5, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	4	
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ258532	22/09/2006	Mick Brummage	1 juv.		Bwlchgwyn Quarry	In heathland on quarry edge	D0035/002/01	Bern, S42, UKBAP, WCA5, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	4	
<i>Zootoca vivipara</i> (Common Lizard / Madfall)	SJ262526	2 records, both in 1990	Mark Lee; Lee, Mark			Y Gors, Gwynfryn	Nature reserve, Gwynfryn CC	D0035/002/01 D1076/001/02	Bern, S42, UKBAP, WCA5, LBAP(ANG, CON, DEN, FLI, GWY, SNP)	4	

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



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

Sites of Special Scientific Interest (Wales)

Name

RUABON/LLANTYSILIO MOUNTAINS AND MINERA

SSSI Code

31WJE

First Notified

01/01/1955

Last Notified

28/02/1991

Confirmation Date

21/11/1991

Eastings

316508

Northings

347379

Cartesian Area (Ha)

4784.49

Special Areas of Conservation (Wales)

Name

Berwyn a Mynyddoedd De Clwyd / Berwyn and South Clwyd Mountains

Reference

UK0012926

Marine

n

Date Notified

13/12/2004

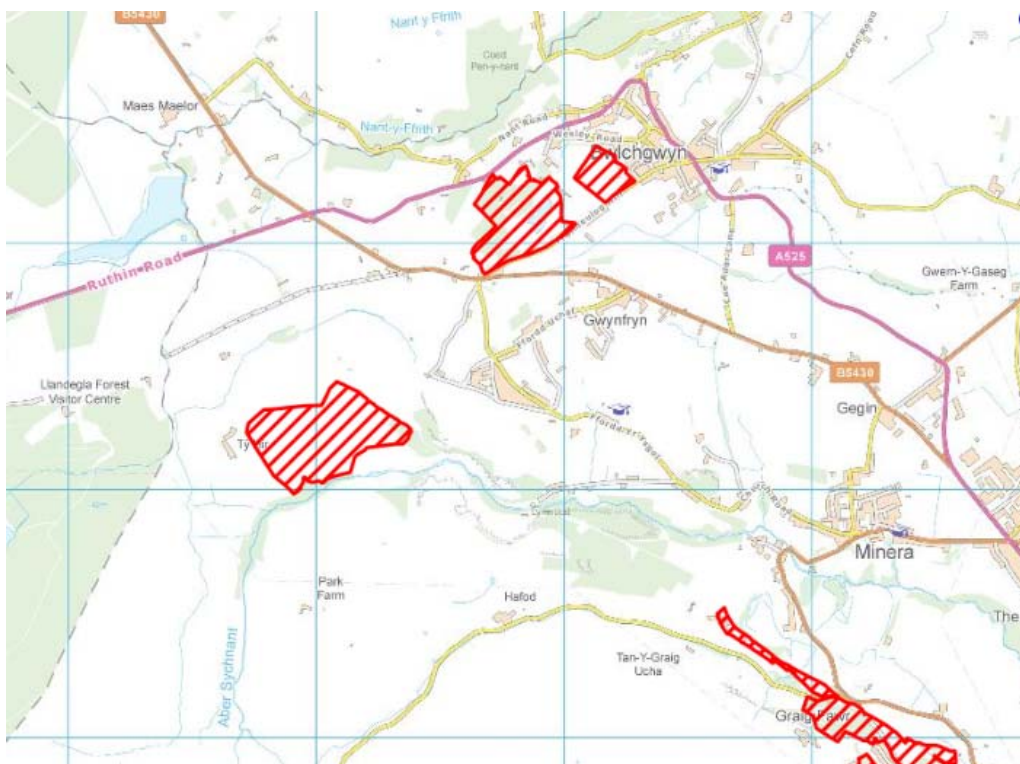
Cartesian Area (Ha)

27216.91

Natural England – Open Mosaic Habitat on Previously Developed Land

<http://habitatsurveys.esdm.co.uk/home.aspx>

As with all habitat inventories the OMH map is not definitive. Some sites may be missing whilst some may be included that should not be. The inventory was created using existing data sets of previously developed land, remote checking of aerial photography and habitat survey at a small number of sites to test the accuracy of the remote checking. 99% of the sites mapped in this inventory have a confidence description attached of 'probably Priority Habitat'. Users of this site are encouraged to add their own local knowledge to the inventory using the tools on the [map page](#) to help create an inventory that is as accurate as possible. The [habitat survey](#) developed as part of the inventory creation project is a quick and reliable way of identifying OMH in the field.



APPENDIX 2: Enhancement Opportunities for Bats and Birds

BAT BOX SPECIFICATION

Schwegler 1FR Bat Tube This long box can be installed within brick masonry, beneath plasterwork or wood panelling, or incorporated into concrete structures such as factory buildings or bridges. Inside it contains a woodcrete surface, a roughened wood board, and a metal mesh, providing a choice of roosting areas depending on the weather conditions and the bats' habits. This box is maintenance-free as the entrance slit is at the bottom, allowing for self-cleaning. No painting required, but if painting is necessary a natural breathable paint should be used. Woodcrete (75% wood sawdust, concrete and clay mixture) Width 20cm, Height 47.5cm, Depth 12.5cm Entrance width 15cm, Entrance depth 2cm	
Ibstock - Bat Box with Engraved Motif C ■ Attractive motive ■ Available in all brick types ■ Discrete home for bats ■ Various sizes ■ Several roosting zones are created inside the box ■ Bats are contained within the bat box itself ■ Maintenance free with entrance at the base ■ Ideal for new build & conservation work 215mm x 215mm or 215mm x 290mm F2 S2 Fully frost resistant	
Schwegler 2F Bat Box A popular general purpose box attractive to the smaller British bats. A simple design with a narrow entrance slit on the front. Woodcrete (75% wood sawdust, concrete and clay mixture) Diameter 16cm Height 33cm	

BIRD BOX SPECIFICATIONS

Standard Brick Bird Box The Bird Brick House fits into the outside skin of most 3" or 75mm brickwork courses and only protrudes 1" or 25mm (Swift box 2.5" or 65mm) into the cavity. All of our boxes are available in half bond (stretcher bond), quarter bond (Flemish/English) and are suitable for rendered properties.	
Schwegler 1SP Sparrow Terrace House sparrows are gregarious and prefer to nest close to each other, so this woodcrete box provides room for three families under one roof. Made from long-lasting, breathable woodcrete. Stone colour. No maintenance required. Dimensions 245 x 430 x 200 mm. Weight 15kg. Designed for fixing to walls (not suitable for fences or sheds due to the weight of the box). (available in stone or brown)	
Schwegler 1B Bird Box The 1B appeals to a wide range of species, and is the official nest box of National Nest Box Week. The box can be nailed to the trunk of a tree, or hung from a branch. Schwegler boxes can be expected to last 25 years or more without maintenance. Woodcrete, 23cm high x 16cm diameter. With standard 32mm diameter entrance hole	
Schwegler Roundhouse Wren Box 1ZA Well insulated and mimics natural nest sites. This nest box provides the enclosed, round space preferred by wrens for nesting. They will line the nest with moss, feathers and fur. The 1ZA is made from long-lasting, breathable Schwegler Woodcrete and provides excellent protection from nest predators. It not only houses wrens when bringing up their young but also provides a sheltered place where they can roost in the winter. Strong hanging cable included to site the nest amongst shrubbery.	

DRAWINGS

G5049.001 Habitat Plan

