



BiOME
CONSULTING

The Old Timber Yard
Broadway Hall
Snead

Preliminary Ecological Appraisal

JT DESIGN SERVICES

VERSION 2

Final

6 November 2020

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Contents

Executive Summary	1
1. Introduction	2
1.1. Proposal	2
1.2. Site Description	3
2. Methodologies	5
2.1. Desk Study	5
2.2. Preliminary Ecological Appraisal Survey	5
2.3. Bats	6
2.3.1. Preliminary Roost Assessment	6
2.3.2. Foraging and Commuting Habitat	7
2.4. Limitations	8
3. Results	9
3.1. Desk Study	9
3.1.1. Designated Sites	9
3.1.2. Species	9
3.2. PEA/PRA Site Survey	9
3.2.2 Habitats	9
3.2.3 Species	12
4. Conclusions and Recommendations	19
4.1. Bats	19
4.2. Opportunities for Enhancement	19
Appendix A Biological Records Data	21

Executive Summary

BiOME Consulting Ltd was commissioned by JT Design Services in November 2020 to undertake a Preliminary Ecological Appraisal (PEA) of site proposed for redevelopment located in Snead, eastern Powys (the 'site'). Two planning applications are to be submitted; one to convert one of the existing onsite buildings to a dwelling, through internal renovation only, and one to use land (in the south of the site) to site up to ten containers on existing areas of hardstanding within a secure compound for self-storage. This PEA included the assessment of all areas to be impacted by both proposals.

The ecology surveys detailed within this report were completed in order to determine the baseline ecological conditions of the site, with particular attention given to the possible presence of protected, controlled or otherwise notable species.

The site included a currently unoccupied building in use for light storage (western building, to be renovated), vehicle workshop, hardstanding used to store scrap vehicles and vehicle parts (where the self-storage facility is to be located), access track, amenity grassland and mixed woodland.

A Preliminary Roost Assessment was completed during the PEA to assess the presence/likely absence of roosting bats within the building to be renovated.

The sole ecological issue identified during the completed surveys were:

Bats: The building to be renovated was assessed to be of moderate suitability for roosting bats. However, based on the nature of the proposals at present, no impacts to potential roost features/roosts are anticipated and no further survey work is deemed necessary. If works to external cladding are to occur, these should only be undertaken following the completion of further survey work to assess the presence likely/absence of roosting bats.

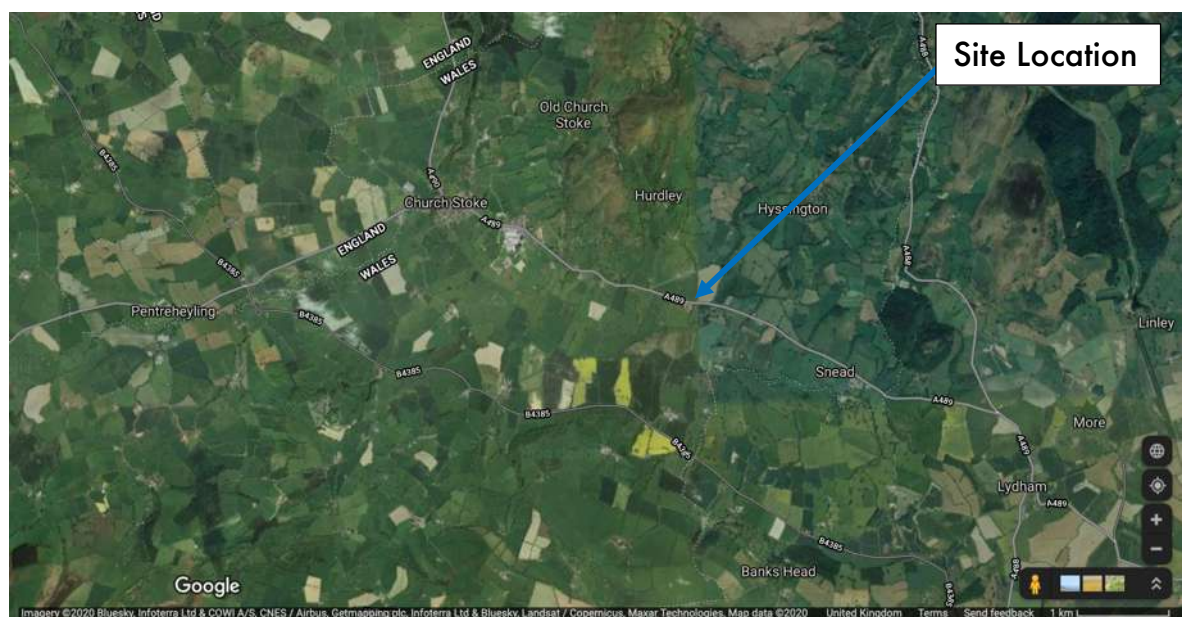
No direct impacts to onsite trees are proposed and no further survey work is considered necessary. However, mitigation is recommended to ensure that no disturbance occurs to these trees.

1. Introduction

BiOME Consulting Ltd was commissioned by JT Design Services in November 2020 to undertake a Preliminary Ecological Appraisal (PEA) of a site proposed for redevelopment located in Snead, eastern Powys (the 'site'). The site (**Figure 1**) is centred on National Grid Reference SO 29906 92958.

The ecology surveys detailed within this report were completed in order to determine the baseline ecological conditions of the site, with particular attention given to the possible presence of protected, controlled or otherwise notable species. The results have been used to identify further ecological work required to enable the proposed works at the site to proceed lawfully.

Figure 1. Site Location



1.1. Proposal

Two planning applications are to be submitted to:

- Convert one building (the 'western building') within the site to a dwelling, through internal renovation only.
- Use of land in the south of the site to site up to ten containers on existing areas of hardstanding within a secure compound for self-storage.

1.2. Site Description

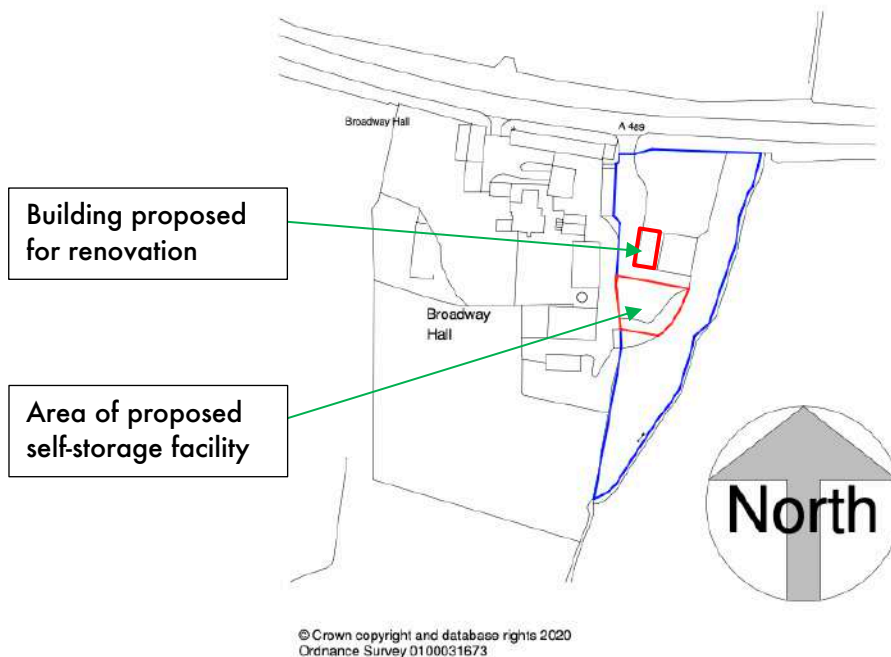
The site (**Figure 2**, blue line) included:

- Building (the western building), currently unoccupied and in use for light storage.
- A vehicle workshop.
- Hardstanding used to store scrap vehicles and vehicle parts.
- Access track.
- Amenity grassland.
- Mature mixed woodland.

The A489 bounded the site to the north, with agricultural buildings to the west, a stream formed the eastern site boundary with agricultural land beyond and to the south.

The sole areas within the site where direct impacts are proposed are shown on **Figure 2** (red lines). These areas are henceforth referred to as the 'impact areas'.

Figure 2. Site layout (1:2,500)



Photograph 1. Western building, proposed for internal renovation



Photograph 2. Northern area of yard proposed for self-storage facility



2. Methodologies

2.1. Desk Study

Details in relation to internationally statutory and non-statutorily designated sites and species records within 1km were obtained from Biodiversity Information Service for Powys & Brecon Beacons National Park (BIS).

Habitats and Species of Principal Importance included within Environment Act (Wales) Section 7 and Local Biodiversity Action Plan (LBAP)¹ priority habitats and species were also reviewed to compare to those habitats and species recorded within the site during the survey or recorded as having potential to be present due to habitat suitability.

2.2. Preliminary Ecological Appraisal Survey

A PEA site survey^{2,3} was undertaken on 4 November 2020 by an experienced ecologist, Martyn Owen BSc (Hons) MCIEEM. This survey was completed in suitable weather conditions (sunny and dry). Prior to the completion of the site survey, aerial imagery was reviewed⁴ to provide an indication of habitat types present in the area.

During the survey all areas within the site were walked and habitat types assessed. Signs of protected species, invasive plants (*i.e.* those included on Schedule 9 of the Wildlife and Countryside Act 1981 (as amended)) and other notable species were also searched for, as well as noting habitats considered to have the potential to support protected species.

The ultimate purpose of this PEA was to identify potentially valuable habitats and plant species assemblages, and to identify the presence and/or potential for

1 Our Partnership with Nature: A Local Biodiversity Action Plan for Powys [online] available at: <https://en.powys.gov.uk/article/2553/Local-Biodiversity-Action-Plan> (accessed 4 November 2020)

2 Collins, J. (ed.) (2016) *Bat Surveys for Professional Ecologists: Good Practice Guidelines* (3rd edn). The Bat Conservation Trust, London

3 CIEEM (2017) *Guidelines for preliminary ecological appraisal* [online] available at: <https://www.cieem.net/guidance-on-preliminary-ecological-appraisal-gpea-> (accessed 4 November 2020)

4 Google Maps [online] available at: <https://www.google.co.uk/maps> (accessed 4 November 2020)

protected/controlled species. This report presents an assessment of the ecological significance of the features present and discusses the potential for the site to support legally protected species and/or species of conservation interest which may be impacted by the project.

2.3. Bats

2.3.1. Preliminary Roost Assessment

A PRA survey of the building to be renovated (**Figure 2**) was completed during the PEA, in line with appropriate survey guidance⁵. Martyn holds a Natural England (NE) licence to survey bats (2015-1974-CLS-CLS), which derogates the law with regard to disturbance of these species.

The survey involved an inspection of the interior and exterior of the western building and the exterior of the vehicle workshop to identify potential or actual bat access points and roosting sites, and to locate any evidence of bats such as live or dead specimens, bat droppings, urine splashes, fur-oil staining and/or squeaking noises. It should be noted that sometimes bats leave no visible sign of their presence on the outside of a building (and even when they do wet weather can wash away evidence).

A strip of woodland was present within the site, along the eastern boundary; no direct impacts to these trees are anticipated. However, to assess the potential for disturbance (through noise, vibration and/or lighting) to bat roosts (if present) in this area Preliminary Ground Level Inspections (PGLI) of all trees within/adjacent to the site were completed to determine their potential suitability for roosting bats. This assessment involved the detailed inspection of the exterior of each tree from ground level using binoculars and a high-powered torch to identify and illuminate features that may support roosting bats (Potential Roost Features (PRFs)).

The inspection was facilitated by the use of ladders, a high-powered torch, endoscope and small dental mirrors to inspect accessible crevices considered likely to support bats. Weather conditions on the day of the survey were appropriate for undertaking ecological fieldwork (sunny and dry).

⁵ Collins, J. (ed.) (2016). *Bat Surveys for Professional Ecologists: Good Practice Guidelines* (3rd edn.). The Bat Conservation Trust, London

The potential suitability of the buildings for roosting bats were assessed in line with relevant guidelines⁵ and allocated to one of the categories detailed within **Table 1**.

Table 1. Guidelines for assessing the potential suitability of proposed development sites for bats

Suitability	Description of Roosting Habitats
Negligible	Negligible habitat features on site likely to be used by roosting bats.
Low	A structure/tree with one or more potential roost sites that could be used by individual bats opportunistically. However, these potential roost sites do not provide enough space, shelter, protection, appropriate conditions and/or suitable surrounding habitat to be used on a regular basis or by larger numbers of bats (i.e. unlikely to be suitable for maternity or hibernation).
Moderate	A structure/tree with one or more potential roost sites that could be used by bats due to their size, shelter, protection, conditions and surrounding habitat but unlikely to support a roost of high conservation status (with respect to roost type only – the assessments in this table are made irrespective of species conservation status, which is established after presence is confirmed).
High	A structure/tree with one or more potential roost sites that are obviously suitable for use by larger numbers of bats on a more regular basis and potentially for longer periods of time due to their size, shelter, protection, conditions and surrounding habitat.

2.3.2. Foraging and Commuting Habitat

Due to the nature of habitats surrounding the site, and the presence of peripheral linear features an assessment was made of the suitability of the site and the surrounding landscape to support foraging and/or commuting bats. The assessment was based on the presence of key habitat features such as woodland, scrub, hedgerows, grassland and open water which are highly attractive to bats. Of potential importance is the presence of unlit (semi)-natural vegetation and habitat linkage between the site and the surrounding landscape.

The quality of bat foraging and commuting habitat has been assessed using the criteria detailed in **Table 2**.

Table 2. Valuing bat foraging and commuting habitat

Grading Criteria	Reason
Optimal Quality	Presence of optimal habitat features such as unlit woodland, scrub, hedgerows, grassland and open water with excellent linkage to similar habitats within the wider landscape. Presence of high potential buildings/trees and/or known roosts within immediate landscape. Sites are generally rural in character.
Moderate Quality	Presence of optimal habitat features such as woodland, scrub, hedgerows, grassland and open water with reasonable linkage to similar habitats within the wider landscape. Limiting factors may include size of site.
Low Quality	Presence of some limited habitat features such as scrub or hedgerows, with minimal linkage to suitable habitats within the wider landscape.
Poor Quality	No suitable habitat present or, if present, highly degraded/fragmented. Minimal unlit areas with no linkage to suitable habitat beyond site. Generally urban in character.

2.4. Limitations

The findings presented in this study represent those at the time of survey and reporting, and data collected from available sources. Ecological surveys are limited by factors which affect the presence of plants and animals, such as the time of year, migration patterns and behaviour.

The inspection of buildings and built structures for evidence of bats can be conducted at all times of year. The daytime inspection was completed outside the main period of bat activity (May-September), although taking onto account the nature of the buildings it is expected that any obvious accumulations of bat evidence inside the buildings would have remained and been visible to the surveyor.

PGLI to assess presence/likely absence of bat roosts in trees can be completed at any time of year, although dense foliage can be a limitation. Although all trees still possessed some leaves, the vast majority of deciduous trees surveyed had shed their foliage and visibility to assess the potential presence of roost features was adequate.

A small proportion (<10%) of the 1km buffer zone fell outside the area covered by BIS. Taking into account the results obtained, this is not a significant limitation.

3. Results

The results of the desk study (Section 3.1) and the site survey (Section 3.2) are presented below.

3.1. Desk Study

3.1.1. Designated Sites

There are no statutory or relevant non-statutory sites within the search area.

Taking into account the nature of the proposals, the site and the locations/qualifying features of the identified designated sites, no impacts in relation to designated sites are anticipated and no further works are required. Designated sites are not considered further within this report.

3.1.2. Species

The biological records search yielded 177 species records (51 protected and priority species⁶, nine species of conservation concern⁷ and 112 locally important species⁸). Full details are included within **Appendix A**, with relevant records summarised on **Section 3.2**.

3.2. PEA/PRA Site Survey

3.2.2 Habitats

The northern section of the site was dominated by amenity grassland (**Photograph 3**), present to the north of the two buildings within the site. A line of mature trees (Scots Pine *Pinus sylvestris*, Sycamore *Acer pseudoplatanus*, apple *Malus* sp., Ash *Fraxinus excelsior* and Hazel *Corylus avellana*) was present within the site along the length of eastern boundary (**Photograph 4**), within which (and defining the site boundary) a small stream flowed to the south. The ground flora beneath this

⁶ Species with European and UK Legal Protection, and Environment Act (Wales) Section 7 Priority Species.

⁷ Global Red List, British Red Data Book, Nationally Rare & Scarce, Welsh Red and Amber Birds & Welsh Vascular Plant Red Data List where these are not identified in Priority category

⁸ LBAP Species not identified as Priority or SOCC. Locally Important species as specified by local experts

woodland was of low diversity, dominated by Ivy *Hedera helix* and common grasses.

The centre of the site contained two buildings, one in use for light storage (western building (to be renovated (**Photograph 1**)) and the other used as a vehicle workshop (eastern building). To the south of these buildings a yard area was present which contained vehicles/vehicle parts (to be the location of the self-storage facilities) (**Photograph 2**). There will be no direct impacts to any trees around the site boundary.

The site extended to the south beyond this yard, with woodland present (**Photograph 5**) comprising predominantly coniferous species (Scots Pine and Larch *Larix* sp.) with an understorey in this area dominated by Ivy, with occasional common grasses, bramble *Rubus fruticosus* agg. and Bracken *Pteridium aquilinum*.

The biological records search returned 72 records of plants (**Appendix A**) none of which were identified in the site (subject to limitation due to the date of the survey) or are likely to occur on site given the nature of the habitats present.

None of the habitats present with the impact areas are considered to be of significant ecological value and no further survey work is deemed necessary.

Photograph 3. Amenity grassland in the north of site



Photograph 4. Woodland/understory in the east of site



Photograph 5. Woodland/understory in the south of site



3.2.3 Species

3.2.1.1. Bats

All bat species are European Protected Species (EPS) protected under the Conservation of Habitats and Species Regulations 2010 (as amended) and they receive national protection under the Wildlife and Countryside Act 1981 (as amended).

Desk Study

The desk study returned records of Brown Long-eared Bat *Plecotus auritus*, Lesser Horseshoe *Rhinolophus hipposideros*, Long-eared bat species *Plecotus* sp., Pipistrelle species *Pipistrellus* sp. and Soprano Pipistrelle *Pipistrellus pygmaeus* (Appendix A).

Preliminary Roost Assessment

The western building (to be converted) was constructed of breezeblock walls (painted white), wooden cladding on the upper gable walls (**Photograph 1**) and eastern elevation and a sheet asbestos roof on a wooden frame.

Within the building two small roof voids were present at the northern and southern ends. The northern void (**Photograph 6**) was accessible and fully inspected, however, no access was possible to the north void. No bat evidence was found within the accessible void or associated with the building exterior.

The following Potential Roost Features (PRFs) were identified on the exterior of building:

- Gaps within/around wooden cladding (e.g. **Photograph 7**).

These PRFs were not thought to lead to any significant cavities, and no associated bat evidence was found. Consequently, the building was assessed to be of **MODERATE** potential value to roosting bats (**Table 1**).

The second building within the site was not assessed in detail given that no works to it are proposed, although the western façade was inspected to assess potential bat presence in areas that could potentially be indirectly impacted. No PRFs were noted and the building was considered to be of **NEGLIGABLE** suitability to roosting bats.

Based on our understanding of the proposals, no impacts to the building exterior or roof are planned. Consequently, no impacts to roosting bats are anticipated.

Photograph 6. Southern void of building



Photograph 7. Gaps around wooden cladding



Trees

All trees around the site periphery were assessed from ground level to consider the potential presence of roost features. No PRFs were identified.

Foraging/Commuting Habitat

The survey identified a number of peripheral linear features (hedgerows and fences) which may be used by foraging and/or commuting bats. However, these will not be impacted by the proposals.

Overall, the areas of the site to be impacted by the proposals was assessed to provide **LOW** quality habitat (Table 2) for foraging/commuting bats. No further survey work is deemed necessary; however, mitigation is recommended to ensure that no impacts occur to off-site habitats is recommended.

3.2.1.2. Badger *Meles meles*

Badger are protected through the Protection of Badgers Act 1992, which makes it an offence to recklessly take, injure or kill a Badger or cause disturbance to its sett. Furthermore, Badgers are afforded protection from ill-treatment, which has been defined to include preventing a Badger accessing its sett, as well as causing the loss of significant foraging resources within a Badger territory. Badgers are also protected through this species' inclusion on Schedule 6 of the Wildlife and Countryside Act 1981 (as amended), which prohibits their killing or taking by certain methods.

No evidence of Badger was present within the site/adjacent areas, and the potential presence of this species within the site is considered highly unlikely. No records were returned during the desk study. No impacts/breaches of legislation relevant to this species are anticipated, no further survey work is considered necessary and this species is not considered further within this report.

3.2.1.3. Other Section 7 Mammals

In Wales many of the rarest and most threatened species are included within Environment Act (Wales) Section 7 Priority Species. Although these species are afforded no additional legal protection, their rarity renders them an important consideration for planning applications.

It is likely that Hedgehogs *Erinaceus europaeus* are present in the local area. Optimal habitats for other Section 7 mammal species are absent from the area of impact within the site and immediate surrounding area and there were no records of any Section 7 species returned from the desk study. Taking into account the abundance of similar habitats in the vicinity, the potential for adverse impacts to

Hedgehog, or any other Section 7 mammal species within the site, is considered highly unlikely.

No further work in relation to other Section 7 mammals is considered necessary. Section 7 mammals are not considered further within this report.

3.2.1.4. Amphibians

A number of amphibian species are legally protected under Section 9 of the Wildlife and Countryside Act 1981, as listed under Schedule 5. Great Crested Newts *Triturus cristatus* and Natterjack Toads *Epidalea calamita* are also afforded additional protection as EPS, as defined under the EC Habitats and Species Directive 92/43/EEC.

No ponds were present within the site or within 0.25km (considered to be the typical ranging distance from a breeding pond for the majority of a population of GCN₉) and no records of any amphibian species were returned during the desk study. Consequently, taking into account the results of the desk study and site survey, the presence of legally protected amphibian species or significant populations of amphibians of any species within the site is considered highly unlikely.

No impacts/breaches of legislation are considered likely and No further work in relation to amphibians is considered necessary. Amphibians are not considered further within this report.

3.2.1.5. Reptiles

Reptiles are protected under Schedule 5 of the Wildlife and Countryside Act 1981. Section 9(1) of the Wildlife and Countryside Act 1981 prohibits the killing, injuring or taking by any method. All native reptiles are also S41 priority species.

Habitats favoured by reptiles tend to be sunny, well-drained and often south-facing. Typical habitats include grass and heather heathland, chalk downland, coppiced woodland, sand dunes, disused allotments, suburban wasteland, road/railway embankments, golf course roughs, rough grassland, open woodland and woodland edge, immature plantation forestry, sea cliffs, moorland,

⁹ English Nature (2001). *Great Crested Newt Mitigation Guidelines*

disused quarries, non-intensive farmland and wild gardens. In addition, Grass Snakes *Natrix helvetica* favour damp habitats¹⁰.

The impact areas and adjacent areas within the site are considered unsuitable for reptiles and no records of any reptiles were returned from the desk study. No further survey work is deemed necessary and no impacts/breaches of legislation are considered likely. Reptiles are not considered further in this assessment.

3.2.1.6. Birds

All wild birds (defined as species which are resident or are visitors to the United Kingdom (UK), but generally not game birds) are protected by the Wildlife and Countryside Act 1981 (as amended). As far as planning and development is concerned, it is an offence to kill, injure or take any wild bird. Some species, listed in Schedule 1 of the Act, are protected by special provisions because of their rarity and it would constitute an offence to disturb them while nesting (which includes nest building). It is also an offence to disturb dependent young of a Schedule 1 bird.

A number of bird species were recorded in and around the site:

- House Sparrow *Passer domesticus*
- Magpie *Pica pica*
- Wood Pigeon *Columba palumbus*
- Wren *Troglodytes troglodytes*
- Yellowhammer *Emberiza citrinella*

No Schedule 1 (of the Wildlife & Countryside Act 1981 (as amended)) bird species were observed and no suitable breeding habitats/features for such species were present in areas to be impacted, either directly or indirectly.

The desk study returned records of 22 bird species (Appendix A).

No potential habitats for any nesting bird species was noted in the impact areas. No further survey work is deemed necessary and no impacts/breaches of

¹⁰ Froglife (1999). *Froglife Advice Sheet 10; Reptile Survey. An introduction to planning, conducting and interpreting surveys for snake and lizard conservation*

legislation are considered likely. Breeding birds are not considered further in this assessment.

3.2.1.7. Invertebrates

A number of invertebrate species are afforded legal protection under Schedule 5 of the Wildlife and Countryside Act 1981 (as amended). These species are protected from intentional killing, injuring or taking, possession or control, intentional damage/destruction of any structure or place used for shelter or protection, intentional disturbance while occupying such a structure/place, selling or offering for sale or buying. Numerous species are also included on Section 41 of the NERC Act.

The sole desk study record was of a White-clawed Freshwater Crayfish *Austropotamobius pallipes*, 1km east of the site in 1993. Taking into account the nature of the habitats on-site/nearby it is considered highly unlikely that significant populations/species of invertebrates are present and no further works relating to invertebrates are considered necessary. Invertebrates are not considered further within this report.

3.2.1.8. Invasive Plants

No non-native invasive plant species listed on Schedule 9 of the Wildlife & Countryside Act 1981 (as amended) were observed during the survey.

The desk study returned records Himalayan Balsam *Impatiens glandulifera* and Japanese Knotweed *Fallopia japonica*.

No further work in relation to invasive plants is considered necessary. Invasive plants are not considered further within this report.

4. Conclusions and Recommendations

A PEA (including PRA) site survey/complimentary desk study have been completed to inform planning applications to internally renovate a building and create a self-storage yard at The Old Timber Yard, Snead. These surveys identified the below detailed ecological issues.

4.1. Bats

The building to be renovated was assessed to be of moderate suitability for roosting bats. However, based on the nature of the proposals at present no impacts to potential roost features/roosts are anticipated and no further survey work is considered necessary. If works to external cladding are to occur, these should only be completed following the completion of further survey work to assess the presence likely/absence of roosting bats.

No direct impacts to onsite trees are proposed and no further survey work is considered necessary. However, it should be ensured that no disturbance occurs to these trees to ensure that if roosting bats are present, they are not disturbed and to ensure that this potential foraging/commuting habitat remains unimpacted. This should include:

- limiting works in the vicinity of the trees to daylight hours; and
- ensuring that no permanent or temporary lighting illuminates the trees.

4.2. Opportunities for Enhancement

The National Planning Policy Framework (NPPF) sets out national planning policies for the protection of biodiversity (and geological) conservation through the planning system. A key principle of NPPF is that, '*Opportunities to incorporate biodiversity in and around developments should be encouraged*'. Taking the requirements of NPPF into account, opportunities should be sought where possible for nature conservation enhancement at this site.

Opportunities may exist to create small habitat areas and to use native species in any landscape planting. Opportunities also exist to enhance the site for bat and bird species through the incorporation of bat/bird boxes into built structures or on retained trees. Section 7 priority species such as the House Sparrow could potentially benefit from the provision of appropriate boxes. Such measures would

therefore be beneficial to nature conservation and show compliance with the policy guidance.

Appendix A **Biological Records Data**



Aderyn

LERC Wales' Biodiversity Information & Reporting Database

Customer Reference: The Old Timber Yard,
Broadway Hall, Snead [PUBLIC]

LERC Reference: DERF 1634

Date: 04-Nov-2020 15:49

Search Results Summary

Package B: Priority Species 1km Search for relevant species, designated sites and Phase I habitats within 1km of your location(s)

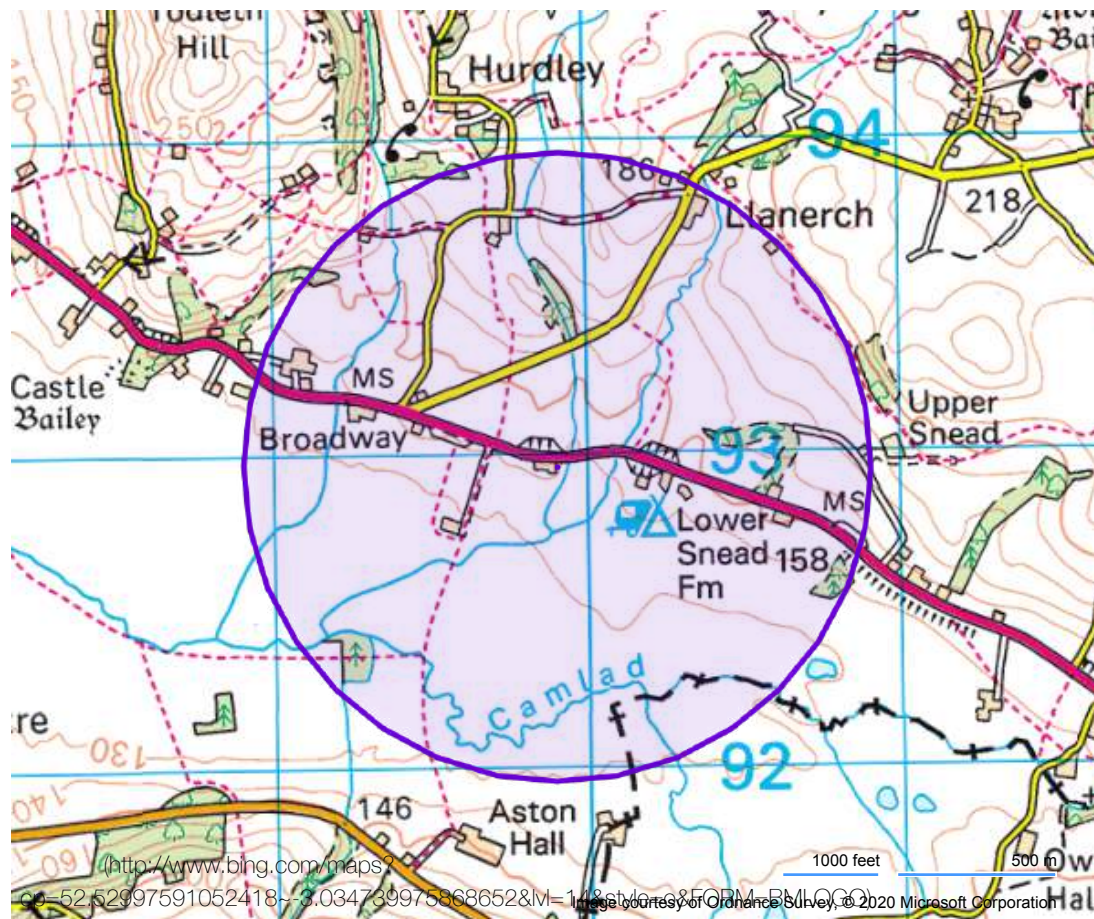
Species Records	177
Pri. Species	51
Cons. Concern	9
Loc. Important	112
Species Status	5
Invasive Non-Native	5
Species Status	5
Sites	3
Habitats	8

Location

Location Type: Gridref

Details: SO2990292959

Area m²: 3,126,385



Additional Access Names (Data Users)

No additional access names.

Important Dates

Enquiry Created	04/11/2020
Enquiry Delivered	04/11/2020
Data Use Expires	04/11/2021

Important Issues

- Use of the data is governed by the Aderyn Terms & Conditions as agreed on the client's Data Enquiry and Release Form.
- Unless otherwise agreed, you must not share the data or the method for accessing it with anyone other than specified Data Users.
- Confidential information has been removed from this Public report.
- You should not amend any part of the downloaded records.
- Unless otherwise agreed, use of the data is valid until the Expiry Date (04/11/2021).
- The data was generated on the Enquiry Created date (04/11/2020) and is not live.
- Please contact us if you have any questions about using the data or wish to add further Data Users.

Notes

- The LERC Wales Aderyn commercial enquiries system uses a search system which reports species (usually high priority or protected species) within a specified search radius or buffer (as specified in the selected search package). With the exception of Package A (BARB searches), a search will also include high priority 'Mobile Species', such as bats, otters, amphibians and certain invertebrates, which lie outside the specified search radius. They have been selected as 'Mobile Species' as their territory (possibly due to foraging activity or life cycle) could intersect with the search radius.
- NRW have identified a number of species for which data is exempt from general release as described under Environmental Information Regulations. For further information click on this link (http://www.bis.org.uk/storage/library/NRW_Data_EFGR__resolution_release.pdf).
- For further ecological advice on records in this report please contact relevant County Recorder which can be found on LERC websites (where relevant).
- For detailed information on Designated Sites in Wales go to NRW website (<https://naturalresourceswales.gov.uk/guidance-and-advice/environmental-topics/wildlife-and-biodiversity/protected-areas-of-land-and-seas/find-protected-areas-of-land-and-sea/?lang=en>).
- Package A (BARB searches): If this is a Bats and Roof-nesting Birds report, please note that 'roof-nesting birds' includes all records (including non-breeding sightings) of the following species which habitually nest in buildings and roof-spaces: Common Kestrel (*Falco tinnunculus*), Peregrine (*Falco peregrinus*), Lesser Black-backed Gull (*Larus fuscus*), Herring Gull (*Larus argentatus*), Barn Owl (*Tyto alba*), Little Owl (*Athene noctua*), Common Swift (*Apus apus*), Jackdaw (*Corvus monedula*), Swallow (*Hirundo rustica*), House Martin (*Delichon urbicum*), Wren (*Troglodytes troglodytes*), Starling (*Sturnus vulgaris*), Black Redstart (*Phoenicurus ochruros*), Common Redstart (*Phoenicurus phoenicurus*), House Sparrow (*Passer domesticus*), Pied Wagtail (*Motacilla alba*).
- Please note that records of the same grid reference and species have been concatenated into a single row in all the provided data outputs. This process will be indicated in the 'date' column, which will state the number of records plus first and last year of recording, e.g. '2 records, between 2011 and 2013'. Other fields such as Recorder(s) and Comments will be concatenated. If you require the full details for each record, please contact the LERC.

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 centre of the search location.
 - **Grid Reference:** Full grid reference based on the Ordnance Survey grid system. For any Sensitive Species Records, this cannot be released into the Public Domain.
 - **Status:** 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.
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Abbreviations

- BA = Protection of Badgers Act
- UKBAP = UK Biodiversity Action Plan Priority Species
- UKBAP (R) = UK Biodiversity Action Plan Priority Species (Research only species)
- BDir1 = EC Birds Directive Annex 1 Species
- BDir21 = EC Birds Directive Annex 2.1 Species
- BDir22 = EC Birds Directive Annex 2.2 Species
- Bern = The Bern Convention on the Conservation of European Wildlife and Natural Habitats
- Bonn = The Bonn Convention on the Conservation of Migratory Species of Wild Animals Species
- CITES = Convention on International Trade in Endangered Species
- EPS = European Protected Species
- HDir = EU Habitats Directive Species
- NRW = Natural Resources Wales Priority Species
- RD1 (Wales) = Welsh Red Data Book listing based on IUCN guidelines
- RD1 (UK) = UK Red Data Book listing based on IUCN guidelines
- RD2 (UK) = UK Red Data Book listing not based on IUCN guidelines (Nationally Rare and Scarce)
- WBR (RSPB) = RSPB Welsh Red listed birds (not based on IUCN criteria)
- WBAm (RSPB) = RSPB Welsh Amber listed birds (not based on IUCN criteria)
- UKBR (RSPB) = RSPB UK Red listed birds (not based on IUCN criteria)
- UKBAm (RSPB) = RSPB UK Amber listed birds (not based on IUCN criteria)

Abbreviations (cont.)

- S7 = Environment Act (Wales) Section 7 Species
 - WCA1.1 = Wildlife and Countryside Act Schedule 1 Part 1 Species
 - WCA5 = Wildlife and Countryside Act Schedule 5 Species
 - WCA8 = Wildlife and Countryside Act Schedule 8 Species
 - WCA9 = Wildlife and Countryside Act Schedule 9 Species
 - INNS = Invasive Non-Native Species
 - WSG.P = Guidelines for the Selection of Wildlife Sites in South Wales - Primary species
 - WSG.C = Guidelines for the Selection of Wildlife Sites in South Wales - Contributory species
 - WWP = IUCN Threat Listing of Welsh Vascular Plants
 - LBAP (xxx) = Local Biodiversity Action Plan Species (see key below)
 - LI (SEWBRc) = Locally Important Species (as identified by local specialists) in SEWBRc area
 - LI (BIS) = Locally Important Species (as identified by local specialists) in BIS area
 - LI (BRYO-MON) = Locally or nationally scarce or rare bryophyte in Monmouthshire
 - LI (VC##) = Locally Important Species (as identified by local specialists) in Vice County ##
 - LI (VC##, LS) = Locally Scarce in Vice County ##
 - LI (VC##, LR) = Locally Rare in Vice County ##
 - LI (VC##, EX) = Extinct in Vice County ##
 - LI (VC##, UR) = Under Recorded in Vice County ##
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Local Biodiversity Action Plan abbreviations

- ANG: Isle of Anglesey
- BBNP: Brecon Beacons National Park
- BGW: Blaenau Gwent
- BRG: Bridgend
- CDF: Cardiff
- CER: Ceredigion
- CLY: Caerphilly
- CON: Conwy
- CRM: Carmarthenshire
- DEN: Denbighshire
- FLI: Flintshire
- GWY: Gwynedd
- MON: Monmouthshire
- MTR: Merthyr Tydfil
- NEW: Newport
- NPT: Neath Port Talbot
- PEM: Pembrokeshire
- POW: Powys
- RCT: Rhondda Cynon Taff
- SNP: Snowdonia National Park
- SWN: Swansea
- TRA: Trunk Roads Estate
- TRF: Torfaen
- VoG: Vale of Glamorgan
- WRE: Wrexham

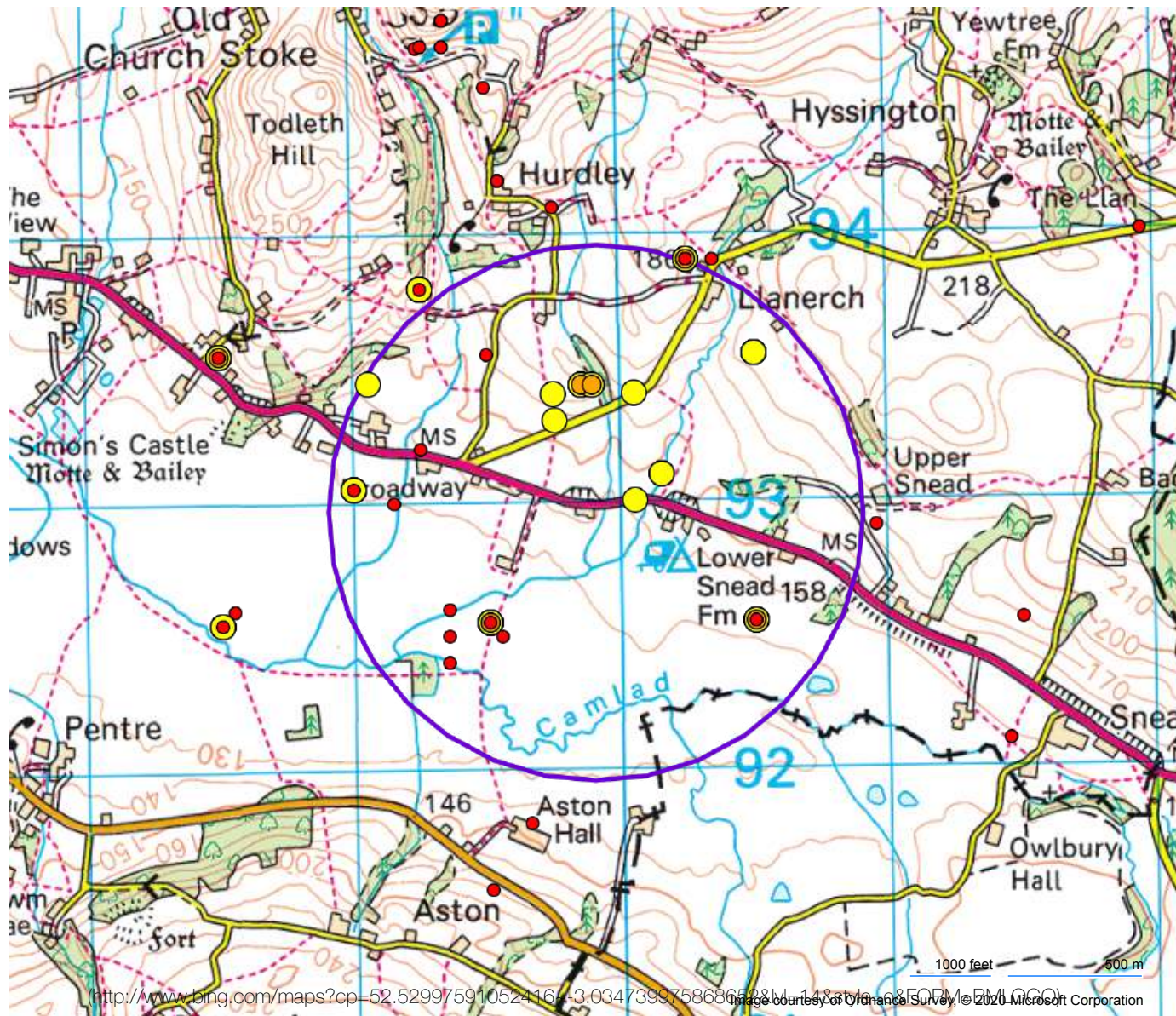
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Species Map

Species records are mapped below. Records are mapped as centred points (centre of grid reference polygon).



Icon	Name
●	Pri. Species
●	Cons. Concern
●	Loc. Important

Species

Species records are listed below. The distance listed below is the distance from the record polygon centroid to the search polygon centroid.

RECORDS OF PROTECTED AND PRIORITY SPECIES WITHIN SEARCH AREA

Protected and Priority Species = Species with European and UK Legal Protection, and Environment Act (Wales) Section 7 Priority Species.

Grid Ref.	Dist. (m)	Scientific Name	Taxon Group	Date	Abundance	Source	Verification
SO29	611	<i>Tyto alba</i> (Barn Owl)	bird	2 records, between 2001 and 2017		Montgomeryshire Barn Owls VC47	Verified correct
SO295924	620	<i>Capreolus capreolus</i> (Roe Deer)	terrestrial mammal	07/07/2007		Montgomeryshire VC47 Mammal records	Verified correct
SO2993	674	<i>Plecotus</i> (Long-eared Bat Species)	terrestrial mammal	2 records, both from 1985		Mammal Records from Britain from Atlas of Mammals 1993 (NBN)	Verified correct
SO2993	680	<i>Chiroptera</i> (Unknown Bat)	terrestrial mammal	07/06/1985		CCW Bat Database	Verified correct
SO29	688	<i>Tyto alba</i> (Barn Owl)	bird	1995		CCW Montgomeryshire General Data Files	Unassessed
SO29	752	<i>Tyto alba</i> (Barn Owl)	bird	2000		CCW Montgomeryshire BAP Species Files	Unassessed
SO291929	752	<i>Loxia curvirostra</i> (Common Crossbill)	bird	25/10/2016		Montgomeryshire VC47 Bird records 2016	Verified correct
SO3092	754	<i>Passer domesticus</i> (House Sparrow)	bird	25/08/2019		BIS Area BirdTrack Records 2019	Unassessed
SO39	754	<i>Tyto alba</i> (Barn Owl)	bird	07/09/2015		Montgomeryshire Barn Owls VC47	Verified correct
SO29	823	<i>Tyto alba</i> (Barn Owl)	bird	6 records, between 2002 and 2004	4 Chicks Count	Montgomeryshire Barn Owls VC47; CCW Licence Returns Data	Verified correct
SO29W	903	<i>Hyacinthoides non-scripta</i> (Bluebell)	flowering plant	06/04/2009		Montgomeryshire Plant Records Updated 2018	Verified correct
SO302938	956	<i>Passer domesticus</i> (House Sparrow)	bird	Summer 2016		Montgomeryshire VC47 Bird records 2016	Verified correct
SO302938	956	<i>Numerius arquata</i> (Curlew)	bird	Summer 2016		Montgomeryshire VC47 Bird records 2016	Verified correct
SO302938	956	<i>Pyrrhula pyrrhula</i> (Bullfinch)	bird	Summer 2016		Montgomeryshire VC47 Bird records 2016	Verified correct
SO39	956	<i>Milvus milvus</i> (Red Kite)	bird	Summer 2016		Montgomeryshire VC47 Bird records 2016	Verified correct
SO302938	956	<i>Prunella modularis</i> (Dunnock)	bird	Summer 2016		Montgomeryshire VC47 Bird records 2016	Verified correct
SO303938	997	<i>Passer domesticus</i> (House Sparrow)	bird	26/01/2008 - 27/01/2008		RSPB Big Garden Birdwatch 2008 (NBN)	Unassessed
SO292937	1,025	<i>Hyacinthoides non-scripta</i> (Bluebell)	flowering plant	15/05/1996		CCW Phase1 Habitat Survey Montgomeryshire Target notes	Unassessed
SO309928	1,053	<i>Austropotamobius pallipes</i> (White-clawed Freshwater Crayfish)	crustacean	1993		Crayfish data for Britain and Ireland to 2003 (NBN)	Unassessed
SO2994	1,101	<i>Plecotus auritus</i> (Brown Long-eared Bat)	terrestrial mammal	17/08/1983		CCW Bat Database	Verified correct
SO2991	1,236	<i>Plecotus auritus</i> (Brown Long-eared Bat)	terrestrial mammal	24/06/1985		CCW Bat Database	Verified correct
SO2994	1,242	<i>Plecotus auritus</i> (Brown Long-eared Bat)	terrestrial mammal	3 records, all from 2010		Misc records in BIS Area	Verified correct
SO2994	1,242	<i>Rhinolophus hipposideros</i> (Lesser Horseshoe Bat)	terrestrial mammal	3 records, all from 2010		Misc records in BIS Area	Verified correct

SO2994	1,242	<i>Pipistrellus pipistrellus</i> agg. (Pipistrelle agg.)	terrestrial mammal	16/08/2010		Misc records in BIS Area	Verified correct
SO2994	1,242	<i>Pipistrellus pygmaeus</i> (Soprano Pipistrelle)	terrestrial mammal	2 records, both from 2010		Misc records in BIS Area	Verified correct
SO29	1,413	<i>Tyto alba</i> (Barn Owl)	bird	22/07/2006		Montgomeryshire Barn Owls VC47	Verified correct
SO29	1,476	<i>Tyto alba</i> (Barn Owl)	bird	4 records, between 2014 and 2018		Montgomeryshire Barn Owls VC47	Verified correct
SO2893	1,503	<i>Mustela erminea</i> (Stoat)	terrestrial mammal	01/09/1961		Mammal Records from Britain from Atlas of Mammals 1993 (NBN)	Verified correct
SO2893	1,503	<i>Hyacinthoides non-scripta</i> (Bluebell)	flowering plant	20/03/2018		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2991	1,514	<i>Plecotus</i> (Long-eared Bat Species)	terrestrial mammal	2 records, both from 1985		Mammal Records from Britain from Atlas of Mammals 1993 (NBN)	Verified correct
SO2994	1,592	<i>Rhinolophus hipposideros</i> (Lesser Horseshoe Bat)	terrestrial mammal	2 records, between 1966 and 1985		Mammal Records from Britain from Atlas of Mammals 1993 (NBN)	Verified correct
SO39	1,662	<i>Tyto alba</i> (Barn Owl)	bird	Summer 2001		Montgomeryshire Barn Owls VC47	Verified correct
SO2994	1,778	<i>Rhinolophus hipposideros</i> (Lesser Horseshoe Bat)	terrestrial mammal	14 records, between 2011 and 2019	132 Count; 123 Count	Montgomeryshire VC47 Mammal records; MWT Miscellaneous Records 2018; MWT Records 2019; MWT Miscellaneous Records 2015; MWT Mammal Records 2017	Verified correct
SO39	1,795	<i>Tyto alba</i> (Barn Owl)	bird	2 records, between 2000 and 2002		CCW Licence Returns Data; CCW Montgomeryshire BAP Species Files	Unassessed
SO2994	1,811	<i>Rhinolophus hipposideros</i> (Lesser Horseshoe Bat)	terrestrial mammal	14 records, between 1985 and 2013		CCW Montgomeryshire BAP Species Files; Montgomeryshire VC47 Mammal records	Verified correct
SO2994	1,812	<i>Rhinolophus hipposideros</i> (Lesser Horseshoe Bat)	terrestrial mammal	19 records, between 1984 and 2014		NRW Important Welsh Bat Roost Database; MWT Mammal Records 2014	Unassessed
SO293947	1,874	<i>Boloria selene</i> (Small Pearl-bordered Fritillary)	insect - butterfly	2 records, both from 1989	1 Count of present	Montgomeryshire VC47 Butterfly Records 2017; Ad hoc records	Verified correct
SO2994	1,874	<i>Rhinolophus hipposideros</i> (Lesser Horseshoe Bat)	terrestrial mammal	26/01/2010		Montgomeryshire VC47 Mammal records	Verified correct
SO2994	2,000	<i>Rhinolophus hipposideros</i> (Lesser Horseshoe Bat)	terrestrial mammal	2 records, between 1985 and 1986		CCW Montgomeryshire BAP Species Files	Verified correct
SO2994	2,035	<i>Rhinolophus hipposideros</i> (Lesser Horseshoe Bat)	terrestrial mammal	12 records, between 2013 and 2018		Bat Conservation Trust 1981-2018	Verified correct
SO2994	2,074	<i>Rhinolophus hipposideros</i> (Lesser Horseshoe Bat)	terrestrial mammal	2 records, between 1991 and 1992		CCW Montgomeryshire BAP Species Files	Verified correct
SO29V	2,157	<i>Hyacinthoides non-scripta</i> (Bluebell)	flowering plant	2008		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2995	2,258	<i>Rhinolophus hipposideros</i> (Lesser Horseshoe Bat)	terrestrial mammal	5 records, between 2013 and 2019		Montgomeryshire VC47 Mammal records	Verified correct
SO39	2,275	<i>Tyto alba</i> (Barn Owl)	bird	9 records, between 1992 and 2012	3 Chicks Count; 4 Chicks f Count	CCW Montgomeryshire General Data Files; Montgomeryshire Barn Owls VC47; CCW Licence Returns Data	Unassessed
SO2995	2,299	<i>Rhinolophus hipposideros</i> (Lesser Horseshoe Bat)	terrestrial mammal	22/02/2013		Montgomeryshire VC47 Mammal records	Verified correct
SO2995	2,350	<i>Rhinolophus hipposideros</i> (Lesser Horseshoe Bat)	terrestrial mammal	1985 - 1986		CCW Montgomeryshire BAP Species Files	Verified correct
SO29	2,425	<i>Tyto alba</i> (Barn Owl)	bird	2 records, between 2000 and 2012		CCW Montgomeryshire BAP Species Files; Montgomeryshire Barn Owls VC47	Unassessed

SO2995	2,572	<i>Rhinolophus hipposideros</i> (Lesser Horseshoe Bat)	terrestrial mammal	1985		Mammal Records from Britain from Atlas of Mammals 1993 (NBN)	Verified correct
SO2791	2,605	<i>Rhinolophus hipposideros</i> (Lesser Horseshoe Bat)	terrestrial mammal	07/08/2010	2 Individual	D1666/001/01: Records captured from Licence Returns submitted to Natural Resources Wales (Mammal records captured during 2016 from survey licence return forms)	Verified correct
SO29	2,854	<i>Tyto alba</i> (Barn Owl)	bird	03/09/2017		Montgomeryshire Barn Owls VC47	Verified correct
SO2794	2,854	<i>Rhinolophus hipposideros</i> (Lesser Horseshoe Bat)	terrestrial mammal	15/06/1990		CCW Bat Database	Verified correct

RECORDS OF SPECIES OF CONSERVATION CONCERN WITHIN SEARCH AREA

Species of Conservation Concern = Global Red List, British Red Data Book, Nationally Rare & Scarce, Welsh Red and Amber Birds & Welsh Vascular Plant Red Data List where these are not identified in Priority category.

Grid Ref.	Dist. (m)	Scientific Name	Taxon Group	Date	Abundance	Source	Verification
SO2989338	425	<i>Sedum forsterianum</i> (Rock Stonecrop)	flowering plant	2009		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2989338	428	<i>Sedum forsterianum</i> (Rock Stonecrop)	flowering plant	2014		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2992	611	<i>Salix pentandra</i> (Bay Willow)	flowering plant	20/07/2011		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2992	611	<i>Sinapis arvensis</i> (Charlock)	flowering plant	20/07/2011		Montgomeryshire Plant Records Updated 2018	Verified correct
SO3092	754	<i>Hirundo rustica</i> (Swallow)	bird	25/08/2019		BIS Area BirdTrack Records 2019	Unassessed
SO302938	956	<i>Parus ater</i> (Coal Tit)	bird	Summer 2016		Montgomeryshire VC47 Bird records 2016	Verified correct
SO302938	956	<i>Hirundo rustica</i> (Swallow)	bird	Summer 2016		Montgomeryshire VC47 Bird records 2016	Verified correct
SO302938	956	<i>Aegithalos caudatus</i> (Long-tailed Tit)	bird	Summer 2016		Montgomeryshire VC47 Bird records 2016	Verified correct
SO2893	1,503	<i>Phoenicurus phoenicurus</i> (Redstart)	bird	15/04/2017		BIS Area BirdTrack Records 2017	Unassessed

RECORDS OF LOCALLY IMPORTANT SPECIES WITHIN SEARCH AREA

Locally Important Species = LBAP Species not identified as Priority or SOCC. Locally Important species as specified by local experts.

Grid Ref.	Dist. (m)	Scientific Name	Taxon Group	Date	Abundance	Source	Verification
SO300929	148	<i>Accipiter nisus</i> (Sparrowhawk)	bird	25/07/2015		Montgomeryshire BirdTrack Records 2015	Verified correct
SO301930	264	<i>Anthoceros agrestis</i> (Field Hornwort)	hornwort	1985		Bryophyte records in BIS area	Verified correct
SO301930	264	<i>Ephemerum minutissimum</i> (Ephemerum minutissimum)	moss	1985		Bryophyte records in BIS area	Verified correct
SO301930	264	<i>Fossombronia wondraczekii</i> (Acid Frillwort)	liverwort	1985		Bryophyte records in BIS area	Verified correct
SO297932	328	<i>Carex spicata</i> (Spiked Sedge)	flowering plant	23/06/1986		Montgomeryshire Plant Records Updated 2018	Verified correct
SO300933	417	<i>Sanguisorba officinalis</i> (Great Burnet)	flowering plant	2017		Montgomeryshire Plant Records Updated 2018	Verified correct
SO297933	419	<i>Carex otrubae</i> (False Fox-sedge)	flowering plant	1984		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2989338	425	<i>Potentilla argentea</i> (Hoary Cinquefoil)	flowering plant	2009		Montgomeryshire Plant Records Updated 2018	Verified correct

SO29859338	428	<i>Sedum telephium</i> (Orpine)	flowering plant	2014		Montgomeryshire Plant Records Updated 2018	Verified correct
SO29859338	428	<i>Aira caryophylla</i> (Silver Hair-grass)	flowering plant	2014		Montgomeryshire Plant Records Updated 2018	Verified correct
SO29859338	428	<i>Jasione montana</i> (Sheep's-bit)	flowering plant	2014		Montgomeryshire Plant Records Updated 2018	Verified correct
SO29859338	428	<i>Carex caryophylla</i> (Spring-sedge)	flowering plant	2014		Montgomeryshire Plant Records Updated 2018	Verified correct
SO29859338	428	<i>Trifolium striatum</i> (Knotted Clover)	flowering plant	2014		Montgomeryshire Plant Records Updated 2018	Verified correct
SO29859338	428	<i>Galium verum</i> (Lady's Bedstraw)	flowering plant	2014		Montgomeryshire Plant Records Updated 2018	Verified correct
SO29859338	428	<i>Moenchia erecta</i> (Upright Chickweed)	flowering plant	2014		Montgomeryshire Plant Records Updated 2018	Verified correct
SO29859338	428	<i>Myosotis discolor</i> (Changing Forget-me-not)	flowering plant	2014		Montgomeryshire Plant Records Updated 2018	Verified correct
SO29859338	428	<i>Lepidium heterophyllum</i> (Smith's Pepperwort)	flowering plant	06/07/1905		Montgomeryshire Plant Records Updated 2018	Verified correct
SO29859338	428	<i>Potentilla argentea</i> (Hoary Cinquefoil)	flowering plant	2014		Montgomeryshire Plant Records Updated 2018	Verified correct
SO29859338	428	<i>Trisetum flavescens</i> (Yellow Oat-grass)	flowering plant	2014		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2992	611	<i>Comus sanguinea</i> (Dogwood)	flowering plant	20/07/2011		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2992	611	<i>Brassica nigra</i> (Black Mustard)	flowering plant	20/07/2011		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2992	611	<i>Hypericum hirsutum</i> (Hairy St John's-wort)	flowering plant	20/07/2011		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2992	611	<i>Avena fatua</i> (Wild-oat)	flowering plant	20/07/2011		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2992	611	<i>Persicaria lapathifolia</i> (Pale Persicaria)	flowering plant	20/07/2011		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2992	611	<i>Viburnum opulus</i> (Guelder-rose)	flowering plant	20/07/2011		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2992	611	<i>Carduus crispus</i> (Wetted Thistle)	flowering plant	20/07/2011		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2992	611	<i>Salix viminalis x cinerea</i> = <i>S. x holosericea</i> (Silky-leaved Osier)	flowering plant	20/07/2011		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2992	611	<i>Epipactis helleborine</i> (Broad-leaved Helleborine)	flowering plant	20/07/2011		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2992	611	<i>Dipsacus fullonum</i> (Wild Teasel)	flowering plant	20/07/2011		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2992	611	<i>Matricaria chamomilla</i> (Scented Mayweed)	flowering plant	20/07/2011		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2992	611	<i>Juncus inflexus</i> (Hard Rush)	flowering plant	20/07/2011		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2992	611	<i>Acer campestre</i> (Field Maple)	flowering plant	20/07/2011		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2992	611	<i>Prunus padus</i> (Bird Cherry)	flowering plant	20/07/2011		Montgomeryshire Plant Records Updated 2018	Verified correct
SO3092	754	<i>Strix aluco</i> (Tawny Owl)	bird	24/01/2019		BIS Area BirdTrack Records 2019	Unassessed
SO3092	754	<i>Buteo buteo</i> (Buzzard)	bird	25/08/2019		BIS Area BirdTrack Records 2019	Unassessed
SO3092	754	<i>Parus major</i> (Great Tit)	bird	25/08/2019		BIS Area BirdTrack Records 2019	Unassessed
SO3092	754	<i>Rallus aquaticus</i> (Water Rail)	bird	24/01/2019		BIS Area BirdTrack Records 2019	Unassessed
SO3092	754	<i>Accipiter nisus</i> (Sparrowhawk)	bird	25/07/2015		BIS Area BirdTrack Records 2015	Unassessed
SO3093	806	<i>Oxalis acetosella</i> (Wood-sorrel)	flowering plant	03/05/2019		Montgomeryshire Plant Records Updated 2019	Verified correct
SO3093	806	<i>Hypericum perforatum x maculatum</i> = <i>H. x desetangii</i> (Des Etangs' St John's-wort)	flowering plant	03/05/2019		Montgomeryshire Plant Records Updated 2019	Verified correct
SO3093	806	<i>Stellaria neglecta</i> (Greater Chickweed)	flowering plant	03/05/2019		Montgomeryshire Plant Records Updated 2019	Verified correct
SO3093	806	<i>Primula veris</i> (Cowslip)	flowering plant	03/05/2019		Montgomeryshire Plant Records Updated 2019	Verified correct

SO3093	806	<i>Lamium galeobdolon subsp. montanum</i> (Yellow Archangel)	flowering plant	03/05/2019		Montgomeryshire Plant Records Updated 2019	Verified correct
SO3093	806	<i>Bromopsis ramosa</i> (Hairy-brome)	flowering plant	28/06/2018		Montgomeryshire Plant Records Updated 2018	Verified correct
SO3093	806	<i>Adoxa moschatellina</i> (Moschatel)	flowering plant	03/05/2019		Montgomeryshire Plant Records Updated 2019	Verified correct
SO3093	806	<i>Anemone nemorosa</i> (Wood Anemone)	flowering plant	03/05/2019		Montgomeryshire Plant Records Updated 2019	Verified correct
SO3093	806	<i>Agrimonia eupatoria</i> (Agrimony)	flowering plant	28/06/2018		Montgomeryshire Plant Records Updated 2018	Verified correct
SO3093	806	<i>Carex panicea</i> (Carnation Sedge)	flowering plant	03/05/2019		Montgomeryshire Plant Records Updated 2019	Verified correct
SO3093	806	<i>Polystichum setiferum</i> (Soft Shield-fern)	fern	03/05/2019		Montgomeryshire Plant Records Updated 2019	Verified correct
SO3093	806	<i>Veronica montana</i> (Wood Speedwell)	flowering plant	28/06/2018		Montgomeryshire Plant Records Updated 2018	Verified correct
SO3093	806	<i>Ranunculus auricomus</i> (Goldlocks Buttercup)	flowering plant	03/05/2019		Montgomeryshire Plant Records Updated 2019	Verified correct
SO3093	806	<i>Carex sylvatica</i> (Wood-sedge)	flowering plant	03/05/2019		Montgomeryshire Plant Records Updated 2019	Verified correct
SO3093	806	<i>Acer campestre</i> (Field Maple)	flowering plant	28/06/2018		Montgomeryshire Plant Records Updated 2018	Verified correct
SO3093	806	<i>Sanicula europaea</i> (Sanicle)	flowering plant	28/06/2018		Montgomeryshire Plant Records Updated 2018	Verified correct
SO3093	806	<i>Fossombronia wondraczekii</i> (Acid Frillwort)	liverwort	01/09/1985		Bryophyte records in BIS area	Verified correct
SO3093	806	<i>Viola odorata</i> (Sweet Violet)	flowering plant	03/05/2019		Montgomeryshire Plant Records Updated 2019	Verified correct
SO3093	806	<i>Orchis mascula</i> (Early-purple Orchid)	flowering plant	03/05/2019		Montgomeryshire Plant Records Updated 2019	Verified correct
SO29W	903	<i>Melica uniflora</i> (Wood Melick)	flowering plant	06/04/2009		Montgomeryshire Plant Records Updated 2018	Verified correct
SO29W	903	<i>Conopodium majus</i> (Pignut)	flowering plant	06/04/2009		Montgomeryshire Plant Records Updated 2018	Verified correct
SO29W	903	<i>Anemone nemorosa</i> (Wood Anemone)	flowering plant	06/04/2009		Montgomeryshire Plant Records Updated 2018	Verified correct
SO29W	903	<i>Veronica montana</i> (Wood Speedwell)	flowering plant	06/04/2009		Montgomeryshire Plant Records Updated 2018	Verified correct
SO29W	903	<i>Lamium galeobdolon subsp. montanum</i> (Yellow Archangel)	flowering plant	06/04/2009		Montgomeryshire Plant Records Updated 2018	Verified correct
SO29059339	953	<i>Stellaria pallida</i> (Lesser Chickweed)	flowering plant	2009		Montgomeryshire Plant Records Updated 2018	Verified correct
SO302938	956	<i>Accipiter nisus</i> (Sparrowhawk)	bird	Summer 2016		Montgomeryshire VC47 Bird records 2016	Verified correct
SO302938	956	<i>Motacilla alba</i> (Pied Wagtail)	bird	Summer 2016		Montgomeryshire VC47 Bird records 2016	Verified correct
SO302938	956	<i>Carduelis carduelis</i> (Goldfinch)	bird	Summer 2016		Montgomeryshire VC47 Bird records 2016	Verified correct
SO302938	956	<i>Parus major</i> (Great Tit)	bird	Summer 2016		Montgomeryshire VC47 Bird records 2016	Verified correct
SO302938	956	<i>Turdus viscivorus</i> (Mistle Thrush)	bird	Summer 2016		Montgomeryshire VC47 Bird records 2016	Verified correct
SO302938	956	<i>Cyanistes caeruleus</i> (Blue Tit)	bird	Summer 2016		Montgomeryshire VC47 Bird records 2016	Verified correct
SO302938	956	<i>Dendrocopos major</i> (Great Spotted Woodpecker)	bird	Summer 2016		Montgomeryshire VC47 Bird records 2016	Verified correct
SO302938	956	<i>Sitta europaea</i> (Nuthatch)	bird	Summer 2016		Montgomeryshire VC47 Bird records 2016	Verified correct
SO302938	956	<i>Buteo buteo</i> (Buzzard)	bird	Summer 2016		Montgomeryshire VC47 Bird records 2016	Verified correct
SO292937	1,025	<i>Myosotis discolor</i> (Changing Forget-me-not)	flowering plant	15/05/1996		CCW Phase1 Habitat Survey Montgomeryshire Target notes	Unassessed
SO292937	1,025	<i>Ophioglossum vulgatum</i> (Adder's-tongue)	fern	2017		Montgomeryshire Plant Records Updated 2018	Verified correct
SO292937	1,025	<i>Potentilla argentea</i> (Hoary Cinquefoil)	flowering plant	2017		Montgomeryshire Plant Records Updated 2018	Verified correct
SO292937	1,025	<i>Neottia ovata</i> (Common Twayblade)	flowering plant	2017		Montgomeryshire Plant Records Updated 2018	Verified correct

SO292937	1,025	<i>Ornithopus perpusillus</i> (Bird's-foot)	flowering plant	2 records, between 1996 and 2017		CCW Phase1 Habitat Survey Montgomeryshire Target notes; Montgomeryshire Plant Records Updated 2018	Unassessed
SO292937	1,025	<i>Sedum telephium</i> (Orpine)	flowering plant	2017		Montgomeryshire Plant Records Updated 2018	Verified correct
SO292937	1,025	<i>Cerastium semidecandrum</i> (Little Mouse-ear)	flowering plant	15/05/1996		CCW Phase1 Habitat Survey Montgomeryshire Target notes	Unassessed
SO2892	1,476	<i>Myosoton aquaticum</i> (Water Chickweed)	flowering plant	20/07/2011		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2892	1,476	<i>Sanguisorba officinalis</i> (Great Burnet)	flowering plant	20/07/2011		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2892	1,476	<i>Carduus crispus</i> (Wetted Thistle)	flowering plant	20/07/2011		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2893	1,503	<i>Aphanes australis</i> (Slender Parsley-piert)	flowering plant	2007		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2893	1,503	<i>Ulmus procera</i> (English Elm)	flowering plant	20/03/2018		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2893	1,503	<i>Valerianella locusta</i> (Common Comsalad)	flowering plant	2007		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2893	1,503	<i>Carex caryophyllea</i> (Spring-sedge)	flowering plant	2007		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2893	1,503	<i>Aira caryophyllea</i> (Silver Hair-grass)	flowering plant	2007		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2893	1,503	<i>Trisetum flavescens</i> (Yellow Oat-grass)	flowering plant	2 records, between 2007 and 2012		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2893	1,503	<i>Ornithopus perpusillus</i> (Bird's-foot)	flowering plant	2007		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2893	1,503	<i>Moehringia trinervia</i> (Three-nerved Sandwort)	flowering plant	2007		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2893	1,503	<i>Umbilicus rupestris</i> (Navelwort)	flowering plant	2 records, between 2007 and 2018		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2893	1,503	<i>Galium verum</i> (Lady's Bedstraw)	flowering plant	2007		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2893	1,503	<i>Myosotis discolor</i> (Changing Forget-me-not)	flowering plant	2007		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2893	1,503	<i>Lepidium heterophyllum</i> (Smith's Pepperwort)	flowering plant	22/08/2012		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2893	1,503	<i>Moenchia erecta</i> (Upright Chickweed)	flowering plant	2007		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2893	1,503	<i>Polystichum setiferum</i> (Soft Shield-fern)	fern	20/03/2018		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2893	1,503	<i>Acer campestre</i> (Field Maple)	flowering plant	2 records, between 2007 and 2018		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2893	1,503	<i>Pimpinella saxifraga</i> (Burnet-saxifrage)	flowering plant	2 records, between 2007 and 2012		Montgomeryshire Plant Records Updated 2018	Verified correct
SO29V	2,157	<i>Adoxa moschatellina</i> (Moschateal)	flowering plant	2008		Montgomeryshire Plant Records Updated 2018	Verified correct
SO29V	2,157	<i>Mycelis muralis</i> (Wall Lettuce)	flowering plant	2008		Montgomeryshire Plant Records Updated 2018	Verified correct
SO29V	2,157	<i>Viola odorata</i> (Sweet Violet)	flowering plant	2008		Montgomeryshire Plant Records Updated 2018	Verified correct
SO29V	2,157	<i>Conopodium majus</i> (Pignut)	flowering plant	2008		Montgomeryshire Plant Records Updated 2018	Verified correct
SO29V	2,157	<i>Lamiasstrum galeobdolon subsp. montanum</i> (Yellow Archangel)	flowering plant	30/06/1905		Montgomeryshire Plant Records Updated 2018	Verified correct
SO29V	2,157	<i>Galium odoratum</i> (Woodruff)	flowering plant	2008		Montgomeryshire Plant Records Updated 2018	Verified correct
SO29V	2,157	<i>Oxalis acetosella</i> (Wood-sorrel)	flowering plant	2008		Montgomeryshire Plant Records Updated 2018	Verified correct
SO29V	2,157	<i>Allium ursinum</i> (Ramsons)	flowering plant	2008		Montgomeryshire Plant Records Updated 2018	Verified correct
SO29V	2,157	<i>Veronica montana</i> (Wood Speedwell)	flowering plant	2008		Montgomeryshire Plant Records Updated 2018	Verified correct
SO29V	2,157	<i>Carex sylvatica</i> (Wood-sedge)	flowering plant	2008		Montgomeryshire Plant Records Updated 2018	Verified correct

SO29V	2,157	<i>Viola reichenbachiana</i> (Early Dog-violet)	flowering plant	2008		Montgomeryshire Plant Records Updated 2018	Verified correct
SO29V	2,157	<i>Acer campestre</i> (Field Maple)	flowering plant	2008		Montgomeryshire Plant Records Updated 2018	Verified correct
SO29V	2,157	<i>Polystichum setiferum</i> (Soft Shield-fern)	fern	2008		Montgomeryshire Plant Records Updated 2018	Verified correct
SO29V	2,157	<i>Melica uniflora</i> (Wood Melick)	flowering plant	2008		Montgomeryshire Plant Records Updated 2018	Verified correct

INVASIVE NON-NATIVE SPECIES WITHIN SEARCH AREA

Grid Ref.	Dist. (m)	Scientific Name	Taxon Group	Date	Abundance	Source	Verification
SO2992	611	<i>Impatiens glandulifera</i> (Himalayan Balsam)	flowering plant	20/07/2011		Montgomeryshire Plant Records Updated 2018	Verified correct
SO2992	611	<i>Neovison vison</i> (American Mink)	terrestrial mammal	1979		Mammal Records from Britain from Atlas of Mammals 1993 (NBN)	Verified correct
SO292932	714	<i>Sciurus carolinensis</i> (Grey Squirrel)	terrestrial mammal	20/11/2014		National Mammal Atlas Project (NBN)	Verified correct
SO292933	760	<i>Fallopia japonica</i> (Japanese Knotweed)	flowering plant	07/09/2001		Powys & BBNP Alien Species Records	Verified correct
SO29V	2,157	<i>Fallopia japonica</i> (Japanese Knotweed)	flowering plant	2008		Montgomeryshire Plant Records Updated 2018	Verified correct

Species List & Statuses

Unique species within this report are listed below along with their full statuses.

PRIORITY SPECIES

Scientific Name	Common Name	Category	Status
<i>Austropotamobius pallipes</i>	White-clawed Freshwater Crayfish	Priority Species (CAT1)	HDir, WCA5, S7, Bern, RDB1 (UK) - EN, LBAP (BBNP, CLY, PEM, POW, TRA, TRF)
<i>Boloria selene</i>	Small Pearl-bordered Fritillary	Priority Species (CAT1)	S7, RDB1 (UK) - NT, LBAP (BGW, BRG, CON, DEN, FLI, GWY, MTR, NEW, POW, RCT, SNP, SWN, TRF, VOG), LI(SEWBRcC), LI(Vc43)
<i>Capreolus capreolus</i>	Roe Deer	Priority Species (CAT1)	NRW, Bern, LBAP (POW)
<i>Chiroptera</i>	Unknown Bat	Priority Species (CAT1)	EPS, WCA5, LBAP (ANG, DEN, FLI, RCT, SNP, TRA, TRF)
<i>Hyacinthoides non-scripta</i>	Bluebell	Priority Species (CAT1)	WCA8, LBAP (ANG, CLY, CON, FLI, SNP, TRA, TRF)
<i>Loxia curvirostra</i>	Common Crossbill	Priority Species (CAT1)	WCA1.1, Bern, LBAP (CON, POW), LI(Vc43)
<i>Milvus milvus</i>	Red Kite	Priority Species (CAT1)	BDir1, WCA1.1, WCA9, CITES, LBAP (CON, CRM, GWY, POW), WBAm(RSPB)
<i>Mustela erminea</i>	Stoat	Priority Species (CAT1)	NRW, Bern, LBAP (ANG, BGW, BRG, CON, FLI, NEW, POW)
<i>Numerius arquata</i>	Curlew	Priority Species (CAT1)	BDir22, S7, WBR(RSPB), LBAP (ANG, BBNP, CLY, CON, CRM, DEN, FLI, GWY, PEM, POW, SNP, VOG), LI(Vc43), UKBR(RSPB)
<i>Passer domesticus</i>	House Sparrow	Priority Species (CAT1)	S7, LBAP (CLY, CON, FLI, GWY, VOG), WBAm(RSPB), UKBR(RSPB)
<i>Pipistrellus pipistrellus agg.</i>	Pipistrelle agg.	Priority Species (CAT1)	EPS, HDir, WCA5, Bern, RDB2 (UK), LBAP (ANG, BBNP, CER, CLY, CON, CRM, DEN, FLI, GWY, PEM, POW, SNP, TRA, TRF, VOG)
<i>Pipistrellus pygmaeus</i>	Soprano Pipistrelle	Priority Species (CAT1)	EPS, HDir, WCA5, S7, Bern, RDB2 (UK), LBAP (ANG, BBNP, CLY, DEN, FLI, GWY, PEM, POW, SNP, TRA, TRF, VOG)
<i>Plecotus auritus</i>	Brown Long-eared Bat	Priority Species (CAT1)	EPS, HDir, WCA5, S7, Bern, RDB2 (UK), LBAP (ANG, CLY, CON, DEN, FLI, GWY, POW, SNP, TRA, TRF, VOG)
<i>Plecotus</i>	Long-eared Bat Species	Priority Species (CAT1)	EPS, HDir, WCA5, Bern, LBAP (ANG, DEN, FLI, SNP, TRA, TRF)
<i>Prunella modularis</i>	Duncock	Priority Species (CAT1)	S7, Bern, LBAP (CON, POW, VOG), UKBAm(RSPB)
<i>Pyrrhula pyrrhula</i>	Bullfinch	Priority Species (CAT1)	S7, WBR(RSPB), LBAP (BBNP, CER, CLY, CON, DEN, FLI, GWY, PEM, TRF, VOG), UKBAm(RSPB)
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat	Priority Species (CAT1)	EPS, HDir, WCA5, S7, Bern, RDB2 (UK), LBAP (ANG, BBNP, CLY, CON, CRM, DEN, FLI, GWY, MON, PEM, POW, SNP, TRA, TRF, VOG, WRE)
<i>Tyto alba</i>	Barn Owl	Priority Species (CAT1)	WCA1.1, WCA9, Bern, CITES, LBAP (ANG, CLY, CON, CRM, DEN, FLI, GWY, PEM, POW, SNP, TRA, VOG, WRE), WBAm(RSPB), LI(Vc43)

SPECIES OF CONSERVATION CONCERN

Scientific Name	Common Name	Category	Status
<i>Aegithalos caudatus</i>	Long-tailed Tit	Species of Conservation Concern (CAT2)	WBAm(RSPB)
<i>Hirundo rustica</i>	Swallow	Species of Conservation Concern (CAT2)	Bern, LBAP (ANG, CON, GWY, POW, VOG), WBAm(RSPB)
<i>Periparus ater</i>	Coal Tit	Species of Conservation Concern (CAT2)	Bern, LBAP (CON, POW), WBAm(RSPB)
<i>Phoenicurus phoenicurus</i>	Redstart	Species of Conservation Concern (CAT2)	Bern, LBAP (CON, GWY, POW, SNP), WBAm(RSPB), UKBAm(RSPB)
<i>Salix pentandra</i>	Bay Willow	Species of Conservation Concern (CAT2)	RDB1 (Wales) - WL, LI(SEWBRcC), LI(Vc47), LI(Vc48, LR), LI(Vc50, LR), LI(Vc51, LS)
<i>Sedum forsterianum</i>	Rock Stonecrop	Species of Conservation Concern (CAT2)	RDB2 (UK) - S, LBAP (CON), LI(SEWBRcC), LI(Vc43), LI(Vc47), LI(Vc49, LR), LI(Vc50, LR), LI(Vc51, LS)

<i>Shapix arvensis</i>	Charlock	Species of Conservation Concern (CAT2)	RDB1 (Wales) - VU
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LOCALLY IMPORTANT SPECIES

Scientific Name	Common Name	Category	Status
<i>Accipiter nisus</i>	Sparrowhawk	Locally Important Species (CAT3)	CITES, LBAP (CON, POW)
<i>Acer campestre</i>	Field Maple	Locally Important Species (CAT3)	LI(VC48, LS), LI(VC49, LS)
<i>Adoxa moschatellina</i>	Moschatel	Locally Important Species (CAT3)	LI(VC47)
<i>Agrimonia eupatoria</i>	Agrimony	Locally Important Species (CAT3)	LI(VC47)
<i>Aira caryophylla</i>	Silver Hair-grass	Locally Important Species (CAT3)	LI(VC47)
<i>Allium ursinum</i>	Ramsons	Locally Important Species (CAT3)	LI(VC47)
<i>Anemone nemorosa</i>	Wood Anemone	Locally Important Species (CAT3)	LI(VC47)
<i>Anthoceros agrestis</i>	Field Hornwort	Locally Important Species (CAT3)	RDB1 (Wales) - LC, LBAP (CON, FLJ), LI(VC35), LI(VC35, LS), LI(VC41, LR), LI(VC44, LR), LI(VC46, LR), LI(VC47, LR), LI(VC48, EX), LI(VC50, LR), LI(VC51, LR), LI(VC52, LR), LI(WWBIC)
<i>Aphanes australis</i>	Slender Parsley-piert	Locally Important Species (CAT3)	LI(VC47), LI(VC51, LR)
<i>Avena fatua</i>	Wild-oat	Locally Important Species (CAT3)	LI(VC49, LR)
<i>Brassica nigra</i>	Black Mustard	Locally Important Species (CAT3)	LI(VC48, LR)
<i>Bromopsis ramosa</i>	Hairy-brome	Locally Important Species (CAT3)	LI(VC47), LI(VC48, LS)
<i>Buteo buteo</i>	Buzzard	Locally Important Species (CAT3)	CITES, LBAP (CLY, CON, POW)
<i>Carduelis carduelis</i>	Goldfinch	Locally Important Species (CAT3)	Bern, LBAP (ANG, BRG, CON, POW)
<i>Carduus crispus</i>	Wetted Thistle	Locally Important Species (CAT3)	LI(VC48, LR), LI(VC52, LS)
<i>Carex caryophylla</i>	Spring-sedge	Locally Important Species (CAT3)	LI(VC47)
<i>Carex otrubae</i>	False Fox-sedge	Locally Important Species (CAT3)	LI(VC43), LI(VC47)
<i>Carex panicea</i>	Carnation Sedge	Locally Important Species (CAT3)	LI(VC47)
<i>Carex spicata</i>	Spiked Sedge	Locally Important Species (CAT3)	LBAP (BRG, GWY), LI(VC43), LI(VC48, LR), LI(VC49, LS)
<i>Carex sylvatica</i>	Wood-sedge	Locally Important Species (CAT3)	LI(VC47)
<i>Cerastium semidecandrum</i>	Little Mouse-ear	Locally Important Species (CAT3)	LBAP (BRG), LI(VC43), LI(VC47), LI(VC50, LS), LI(VC51, LS)
<i>Conopodium majus</i>	Pignut	Locally Important Species (CAT3)	LI(VC47)
<i>Comus sanguinea</i>	Dogwood	Locally Important Species (CAT3)	LI(VC52, LS)
<i>Cyanistes caeruleus</i>	Blue Tit	Locally Important Species (CAT3)	Bern, LBAP (CON, POW)
<i>Dendrocopos major</i>	Great Spotted Woodpecker	Locally Important Species (CAT3)	Bern, LBAP (CON, POW)
<i>Dipsacus fullonum</i>	Wild Teasel	Locally Important Species (CAT3)	LI(VC48, LR)
<i>Ephemerum minutissimum</i>	Ephemerum minutissimum	Locally Important Species (CAT3)	RDB1 (Wales) - LC, LBAP (CON), LI(VC35)
<i>Epipactis helleborine</i>	Broad-leaved Helleborine	Locally Important Species (CAT3)	LBAP (GWY, TRA), LI(VC47), LI(VC48, LS), LI(VC49, LS), LI(VC52, LR)
<i>Fossombronia wondraczekii</i>	Acid Frillwort	Locally Important Species (CAT3)	RDB1 (Wales) - LC, LI(VC35, LS), LI(VC51, LR), LI(VC52, LR)
<i>Galium odoratum</i>	Woodruff	Locally Important Species (CAT3)	LI(VC47)

<i>Galium verum</i>	Lady's Bedstraw	Locally Important Species (CAT3)	LI(VC47)
<i>Hypericum hirsutum</i>	Hairy St John's-wort	Locally Important Species (CAT3)	LI(SEWBRcC), LI(VC48, LR), LI(VC49, LR)
<i>Hypericum perforatum x maculatum = H. x dessetangii</i>	Des Etangs' St John's-wort	Locally Important Species (CAT3)	LI(VC48, LS), LI(VC49, LR), LI(VC52, LS)
<i>Jasione montana</i>	Sheep's-bit	Locally Important Species (CAT3)	LI(VC47)
<i>Juncus inflexus</i>	Hard Rush	Locally Important Species (CAT3)	LI(VC48, LR)
<i>Lamium galeobdolon subsp. montanum</i>	Yellow Archangel	Locally Important Species (CAT3)	WCA9, LI(VC48, LS), LI(VC49, LS)
<i>Lepidium heterophyllum</i>	Smith's Pepperwort	Locally Important Species (CAT3)	LI(SEWBRcC), LI(VC47), LI(VC51, LS)
<i>Matricaria chamomilla</i>	Scented Mayweed	Locally Important Species (CAT3)	LI(VC48, LS)
<i>Melica uniflora</i>	Wood Melick	Locally Important Species (CAT3)	LI(VC47)
<i>Moehringia trinervia</i>	Three-nerved Sandwort	Locally Important Species (CAT3)	LI(VC47)
<i>Moenchia erecta</i>	Upright Chickweed	Locally Important Species (CAT3)	LBAP (ANG, BRG, CON, DEN, VOG), LI(VC43), LI(VC48, LR), LI(VC49, LS), LI(VC50, LS), LI(VC52, LR)
<i>Motacilla alba</i>	Pied Wagtail	Locally Important Species (CAT3)	Bern, LBAP (CON, POW, TRA)
<i>Mycelis muralis</i>	Wall Lettuce	Locally Important Species (CAT3)	LI(VC52, LS)
<i>Myosotis discolor</i>	Changing Forget-me-not	Locally Important Species (CAT3)	LI(VC47)
<i>Myosoton aquaticum</i>	Water Chickweed	Locally Important Species (CAT3)	LBAP (BRG), LI(SEWBRcC), LI(VC43), LI(VC49, LR), LI(VC51, LS)
<i>Neottia ovata</i>	Common Twayblade	Locally Important Species (CAT3)	LBAP (TRA), LI(VC47), LI(VC48, LS)
<i>Ophioglossum vulgatum</i>	Adder's-tongue	Locally Important Species (CAT3)	LI(VC43), LI(VC47), LI(VC48, LS), LI(VC49, LS), LI(VC50, LS), LI(VC51, LS)
<i>Orchis mascula</i>	Early-purple Orchid	Locally Important Species (CAT3)	LBAP (CLY, TRA), LI(VC47), LI(VC48, LS)
<i>Ornithopus perpusillus</i>	Bird's-foot	Locally Important Species (CAT3)	LI(VC43), LI(VC47), LI(VC51, LS)
<i>Oxalis acetosella</i>	Wood-sorrel	Locally Important Species (CAT3)	LI(VC47)
<i>Parus major</i>	Great Tit	Locally Important Species (CAT3)	Bern, LBAP (CON, POW)
<i>Persicaria lapathifolia</i>	Pale Persicaria	Locally Important Species (CAT3)	LI(VC48, LS)
<i>Pimpinella saxifraga</i>	Burnet-saxifrage	Locally Important Species (CAT3)	LI(VC47)
<i>Polystichum setiferum</i>	Soft Shield-fern	Locally Important Species (CAT3)	LI(VC52)
<i>Potentilla argentea</i>	Hoary Cinquefoil	Locally Important Species (CAT3)	RDB1 (Wales) - VU, RDB1 (UK) - NT, LI(VC51, LR)
<i>Primula veris</i>	Cowslip	Locally Important Species (CAT3)	LBAP (CLY), LI(VC47), LI(VC48, LS)
<i>Prunus padus</i>	Bird Cherry	Locally Important Species (CAT3)	LBAP (GWY), LI(SEWBRcC), LI(VC47), LI(VC49, LS)
<i>Rallus aquaticus</i>	Water Rail	Locally Important Species (CAT3)	BDir22, Bern, LBAP (CON, DEN, FLI, GWY, PEM, POW), LI(VC43)
<i>Ranunculus auricomus</i>	Goldlocks Buttercup	Locally Important Species (CAT3)	LI(SEWBRcC), LI(VC48, LR), LI(VC49, LS), LI(VC52, LS)
<i>Salix viminalis x cinerea = S. x holosericea</i>	Silky-leaved Osier	Locally Important Species (CAT3)	LI(VC50, LS), LI(VC51, LS)
<i>Sanguisorba officinalis</i>	Great Burnet	Locally Important Species (CAT3)	LI(VC48, LR), LI(VC49, LR), LI(VC50, LR), LI(VC51, LS), LI(VC52, LR)
<i>Sanicula europaea</i>	Sanicle	Locally Important Species (CAT3)	LI(VC47)
<i>Sedum telephium</i>	Orpine	Locally Important Species (CAT3)	LI(VC47), LI(VC51, LR)
<i>Sitta europaea</i>	Nuthatch	Locally Important Species (CAT3)	Bern, LBAP (CON, POW)

<i>Stellaria neglecta</i>	Greater Chickweed	Locally Important Species (CAT3)	LI(VC47), LI(VC48, LS)
<i>Stellaria pallida</i>	Lesser Chickweed	Locally Important Species (CAT3)	LI(VC47), LI(VC48, LS), LI(VC51, LS), LI(VC52, LS)
<i>Strix aluco</i>	Tawny Owl	Locally Important Species (CAT3)	Bern, CITES, LBAP (CON, POW), UKBAm(RSPB)
<i>Trifolium striatum</i>	Knotted Clover	Locally Important Species (CAT3)	LI(SEWBReC), LI(VC43), LI(VC47), LI(VC48, LR), LI(VC50, LS)
<i>Trisetum flavescens</i>	Yellow Oat-grass	Locally Important Species (CAT3)	LI(VC47), LI(VC48, LS)
<i>Turdus viscivorus</i>	Mistle Thrush	Locally Important Species (CAT3)	BDir22, Bern, UKBR(RSPB)
<i>Ulmus procera</i>	English Elm	Locally Important Species (CAT3)	LI(VC48, LS)
<i>Umbilicus rupestris</i>	Navelwort	Locally Important Species (CAT3)	LI(VC51, LS)
<i>Valerianella locusta</i>	Common Comsalad	Locally Important Species (CAT3)	LI(VC50, LS)
<i>Veronica montana</i>	Wood Speedwell	Locally Important Species (CAT3)	LI(VC47)
<i>Viburnum opulus</i>	Guelder-rose	Locally Important Species (CAT3)	LI(VC52, LS)
<i>Viola odorata</i>	Sweet Violet	Locally Important Species (CAT3)	LI(VC48, LR)
<i>Viola reichenbachiana</i>	Early Dog-violet	Locally Important Species (CAT3)	LI(VC47), LI(VC52, LS)

INVASIVE NON-NATIVE

Scientific Name	Common Name	Category	Status
<i>Fallopia japonica</i>	Japanese Knotweed	Other Species (CAT4)	WCA9, INNS
<i>Impatiens glandulifera</i>	Himalayan Balsam	Other Species (CAT4)	WCA9, INNS
<i>Neovison vison</i>	American Mink	Other Species (CAT4)	WCA9, INNS
<i>Sciurus carolinensis</i>	Grey Squirrel	Other Species (CAT4)	WCA9, INNS

Designated Sites

Below is a summarised list of sites within the search area (based on the largest buffer).

Type	Count	Intersection Area	Percentage	Description
Ancient Semi Natural Woodland	4	Priority Area	12,944.00m ²	0.41%
Restored Ancient Woodland Site	5	Priority Area	24,337.00m ²	0.78%
B-Lines	1	Local - Non-statutory	2,844,218.00m ²	90.97%

Ancient Semi Natural Woodland

These are broadleaf woodlands comprising mainly native tree and shrub species which are believed to have been in existence for over 400 years. The ground vegetation will reflect the naturalness of these woodlands and will frequently feature species which provide clear indication of long and continued woodland cover. They will have been woodland for centuries and contribute substantially to our natural and cultural heritage.

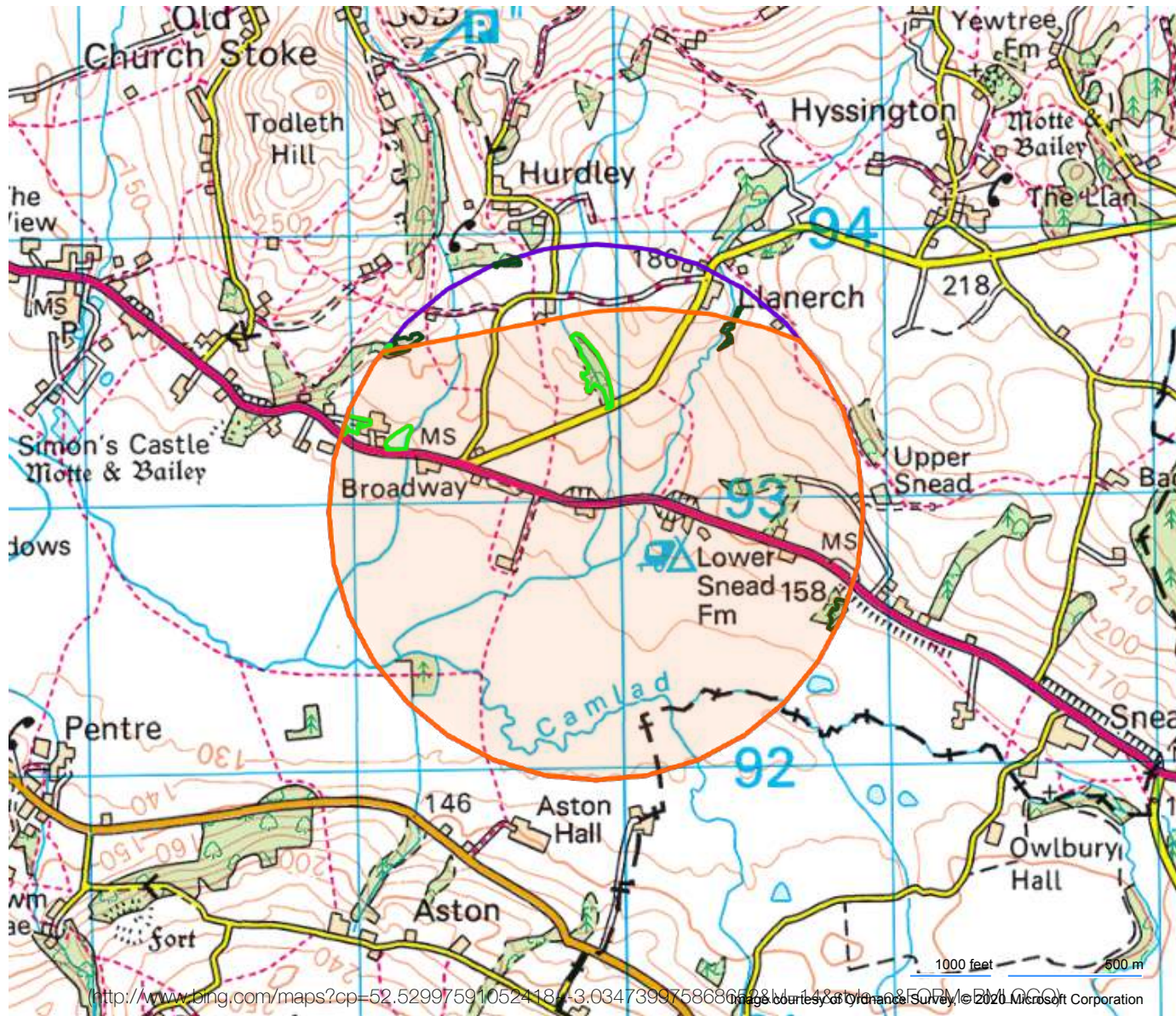
Restored Ancient Woodland Site




These are woodlands which are predominately broadleaves now and are believed to have been continually wooded for over 400 years. They will have gone through a phase when canopy cover will have been more than 50% non-native conifer tree species and now have a canopy cover of more than 50% broadleaf. Please note that the information sources do not identify whether broadleaved trees are site native and therefore an assumption has been made that they are native. The use of the term restored ancient woodland describes woodland which appears using remote sensing techniques to have returned to a more natural condition. The inventory designation does not mean that the woodland is fully restored or that it is in good ecological condition. Active restoration work may well be essential to consolidate the improvement in condition or to improve it further.

B-Lines

B-Lines (0 m)

Designated Sites Map



Col.	Name
	Ancient Semi Natural Woodland (12,944m ²)
	Restored Ancient Woodland Site (24,337m ²)
	B-Lines (2,844,218m ²)

Habitats

Below are listed habitats within the search areas (based on the largest buffer). Habitats marked in red may contain Priority habitats. Habitats are listed in order of intersection size (decending).

Common habitats are not returned..

Code	Count	Intersection Area	Percentage	Description
A1.1.1	120	682,125.00m ²	5.44%	Semi-natural broadleaved woodland
J2.1	489	184,125.00m ²	1.47%	Intact hedge
B1.2	11	115,000.00m ²	0.92%	Semi-improved acid grassland
A2.1	46	38,375.00m ²	0.31%	Dense scrub
G1	116	34,175.00m ²	0.27%	Standing water
B6	28	6,025.00m ²	< 0.01%	Poor semi-improved grassland
C1.1	1	4,375.00m ²	< 0.01%	Bracken
A1.2.2	2	4,025.00m ²	< 0.01%	Planted coniferous woodland

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