

## LAND AT WHISTANCE FARM, ST WEONARDS, HEREFORDSHIRE

## **Update Preliminary Ecological Appraisal**

Report to MF Freeman

Project number 2016/128 C

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#### **QUALITY ASSURANCE**

**Title:** Land at Whistance Field, St Weonards, Herefordshire – Update Preliminary Ecological Appraisal

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#### **SUMMARY**

- In August 2019 Worcestershire Wildlife Consultancy was commissioned by Ms Jasmine
  Lyster of MF Freeman Group to undertake an update preliminary ecological appraisal on
  land adjacent to Whistance Farm, St Weonards, Herefordshire. The appraisal was
  requested in order to ensure compliance with National and European legislation. The
  proposal is for residential development.
- Detailed plans relating to the works are not outlined in this report. Note that the lack of detail regarding the proposed works limits the scope and focus of recommendations that can be made, particularly in relation to avoidance and mitigation measures.
- Bats Although most features onsite are highly unlikely to support roosting bats, there are two mature trees, in the northern boundary of the southern field, which have suitable features for bats; if they are proposed to be removed, they must have a bat survey prior any works to these trees. Otherwise there are no bat surveys required for this site.
- With the exception of nesting birds and potentially bats, no other evidence of any protected species listed in the methodology was found on the site and therefore no further dedicated surveys are recommended.
- In the unlikely event that any protected species is discovered on the site then all work should **cease immediately** and advice should be sought from a suitably qualified and experienced ecologist as soon as possible.
- There is scope within the proposals to enhance the biodiversity value of the site and therefore it is recommended that once the lay-out plans have been produced, a biodiversity enhancement scheme is devised to enhance the site's ecological value. This would need to be in place before development of the site occurs and should be carried out by a suitably qualified ecologist.
- It should be noted that if more than twelve months elapse between this
  appraisal and the commencement of any development then a further survey appraisal
  may be required at an appropriate time to determine the status of any protected species
  which may have taken up residence during the intervening period.

#### 1. INTRODUCTION

#### 1.1 Commissioning Brief

In August 2019 Worcestershire Wildlife Consultancy was commissioned by Ms Jasmine Lyster of MF Freeman Group to undertake an update preliminary ecological appraisal on land adjacent to Whistance Farm, St Weonards, Herefordshire. This follows on from two earlier ecological appraisals undertaken in 2016 and 2017 by Worcestershire Wildlife Consultancy. The appraisal was requested in order to ensure compliance with National and European legislation.

#### 1.2 Summary of the Proposed Development

It is our understanding that planning permission is being sought for the development for residential use.

#### 1.3 Site Description

The site is located in St Weonards, Herefordshire HR2 8NT at NGR SO 4942 2397. The site in 2016 and 2017 comprised of an arable field that is approximately 1.5 hectares and four agricultural barns which are surrounded by a planted hedgerow.

In 2019, the site has lost had all but one of the agricultural buildings (a single-storey barn remains), which have been demolished and the arable field is now a short grassland ley.

The surrounding land use includes arable farmland, pasture, the Garren Brook and residential properties of St Weonards.

#### 1.4 Scope of the Survey

The update ecological appraisal focussed on the following points:

- Determining the potential of the area of the proposed development work to support protected species, of which account must be taken prior to and during the planned works in accordance with the Wildlife and Countryside Act 1981 (as amended), the Conservation of Habitats and Species Regulations 2017 and the Protection of Badgers Act 1992.
- The appraisal also aimed to identify habitats and species recognised within the local Biodiversity Action Plan (BAP Habitats).
- The appraisal recommendations are also guided by the relevant legislation:
   The Natural Environment and Rural Communities Act (NERC), 2006 states: "Every public authority must, in exercising its functions, have regard, so far is consistent with the proper exercise of those functions, to the purpose of conserving biodiversity".

Furthermore, the survey assessment recommendations are guided by the National Planning Policy Framework<sup>1</sup> (NPPF), where the following policies are of particular relevance:

**Para. 8.** Achieving sustainable development means that the planning system has three overarching objectives, which are interdependent and need to be pursued in mutually supportive ways (so that opportunities can be taken to secure net gains across each of the different objectives):

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<sup>&</sup>lt;sup>1</sup> National Planning Policy Framework 2 published July 2018

- a) an economic objective to help build a strong, responsive and competitive economy, by ensuring that sufficient land of the right types is available in the right places and at the right time to support growth, innovation and improved productivity; and by identifying and coordinating the provision of infrastructure;
- b) a social objective to support strong, vibrant and healthy communities, by ensuring that a sufficient number and range of homes can be provided to meet the needs of present and future generations; and by fostering a well-designed and safe built environment, with accessible services and open spaces that reflect current and future needs and support communities' health, social and cultural well-being; and
- c) an environmental objective to contribute to protecting and enhancing our natural, built and historic environment; including making effective use of land, helping to improve biodiversity, using natural resources prudently, minimising waste and pollution, and mitigating and adapting to climate change, including moving to a low carbon economy.
- **Para. 170.** Planning policies and decisions should contribute to and enhance the natural and local environment by:
- a) protecting and enhancing valued landscapes, sites of biodiversity or geological value and soils (in a manner commensurate with their statutory status or identified quality in the development plan);
- b) recognising the intrinsic character and beauty of the countryside, and the wider benefits from natural capital and ecosystem services including the economic and other benefits of the best and most versatile agricultural land, and of trees and woodland;
- c) maintaining the character of the undeveloped coast, while improving public access to it where appropriate;
- d) minimising impacts on and providing net gains for biodiversity, including by establishing coherent ecological networks that are more resilient to current and future pressures;
- e) preventing new and existing development from contributing to, being put at unacceptable risk from, or being adversely affected by, unacceptable levels of soil, air, water or noise pollution or land instability. Development should, wherever possible, help to improve local environmental conditions such as air and water quality, taking into account relevant information such as river basin management plans; and
- f) remediating and mitigating despoiled, degraded, derelict, contaminated and unstable land, where appropriate.

#### Para. 174. To protect and enhance biodiversity and geodiversity, plans should:

- a) Identify, map and safeguard components of local wildlife-rich habitats and wider ecological networks, including the hierarchy of international, national and locally designated sites of importance for biodiversity; wildlife corridors and stepping stones that connect them; and areas identified by national and local partnerships for habitat management, enhancement, restoration or creation; and
- b) promote the conservation, restoration and enhancement of priority habitats, ecological networks and the protection and recovery of priority species; and identify and pursue opportunities for securing measurable net gains for biodiversity.
- **Para. 175.** When determining planning applications, local planning authorities should apply the following principles:

- a) if significant harm to biodiversity resulting from a development cannot be avoided (through locating on an alternative site with less harmful impacts), adequately mitigated, or, as a last resort, compensated for, then planning permission should be refused;
- b) development on land within or outside a Site of Special Scientific Interest, and which is likely to have an adverse effect on it (either individually or in combination with other developments), should not normally be permitted. The only exception is where the benefits of the development in the location proposed clearly outweigh both its likely impact on the features of the site that make it of special scientific interest, and any broader impacts on the national network of Sites of Special Scientific Interest;
- c) development resulting in the loss or deterioration of irreplaceable habitats (such as ancient woodland and ancient or veteran trees) should be refused, unless there are wholly exceptional reasons and a suitable compensation strategy exists; and
- d) development whose primary objective is to conserve or enhance biodiversity should be supported; while opportunities to incorporate biodiversity improvements in and around developments should be encouraged, especially where this can secure measurable net gains for biodiversity.

The site visit also focussed on assessing the potential of the site to support populations of priority species, whose protection and recovery is promoted in paragraph 174, especially those given protection under British or European wildlife legislation as stated above.

The survey assessment recommendations are also guided by the relevant legislation:

1. The Natural Environment and Rural Communities Act (NERC), 2006 states: "Every public authority must, in exercising its functions, have regard, so far is consistent with the proper exercise of those functions, to the purpose of conserving biodiversity".

#### 1.5 Desk Study

A search of biological records kept by Herefordshire Biological Records Centre for all protected species and non-statutory sites of ecological significance within a 2km radius of the site was commissioned by Worcestershire Wildlife Consultancy in 2016. In addition, a search for statutory sites of ecological importance within a 2km radius of the site was conducted using the Multi-Agency Geographic Information for the Countryside (MAGIC) website.

#### 1.6 Constraints

The comprehensiveness of any ecological appraisal may be limited by the season in which the site visit(s) is undertaken. To confirm the presence or absence of all protected species usually requires multiple visits at suitable times of the year. However, the appraisal does provide a "snapshot" of the ecological interest recorded on the day of the visit and highlights areas where further survey work may be required.

Detailed plans relating to the works are not outlined in this report. Note that the lack of detail regarding the proposed works limits the scope of recommendations that can be made, particularly in relation to avoidance and mitigation measures.

#### 2. METHODOLOGY

Joshua Evans of Worcestershire Wildlife Consultancy undertook the update appraisal on 2<sup>nd</sup> September 2019. At 09:00hrs the weather was dry with 100% cloud cover and an air temperature of 16.6° C.

Table 1: Methodology

Phase 1	The aim of the Phase 1 survey is to provide a description of the semi-natural vegetation of a particular site and is made in accordance with the JNCC Phase 1 Habitat Survey
habitat	methodology (JNCC, 1990). Where necessary, the condition of habitat is described and full plant lists collated to provide greater detail, which helps when identifying the
survey	conservation significance of a particular habitat. The appraisal also aimed to identify invasive plants or animals listed on Schedule 9 of the Wildlife & Countryside Act that could
	have implications for works on site. Where appropriate, maps are provided in other formats, such as annotated aerial photographs.
Bats	The site is assessed for suitable habitats that may support bats. For example, buildings are assessed for holes in soffits, missing tiles and gaps in the masonry together whilst
	trees are assessed for features such as cracks and holes.
Birds	The site is assessed for suitable habitats that may support birds in terms of feeding, nesting and roosting. Where relevant habitat occurs, evidence identifying the presence of
	birds including nests, droppings, pellets and feathers is recorded.
Dormice	The site is assessed for suitable habitats that may support dormice (Muscardinus avellanarius) including woodland and hedgerows. Where relevant habitat occurs evidence of
	dormice including nests and gnawed nuts is recorded.
Great crested	During the site visit the potential of the site to support great-crested newts (Triturus cristatus) is assessed; this includes looking for potential breeding sites such as ponds,
newts	disused swimming pools and other water-bodies. The appraisal also focuses on the potential for this species to find refuge in places such as log piles, rubble and compost
	heaps. Where still water-bodies occur a Habitat Suitability Index (HSI) is calculated. This is a standard appraisal method developed specifically to evaluate the habitat suitability
	for great crested newts. A series of factors must be considered. Each factor is assessed along suitability guidelines and allocated a value of between 0.1 (highly unsuitable) to
	1.0 (highly suitable). The geometric mean of these values provides an overall suitability score for the site. Although this is no substitute for a dedicated survey the suitability
	value informs the decision on whether to undertake a dedicated survey.
Otters	The area under appraisal is searched for suitable habitat along water-bodies, recording where appropriate, evidence pertaining to the presence of otters (Lutra lutra) in the
	form of holts, spraints, anal jelly, tracks and feeding remains.
Reptiles	The site is assessed for suitable habitats that may support reptiles. Slow-worms (Anguis fragilis) and common lizards (Zootoca vivipara) inhabit a variety of habitats, such as
	rough grassland, heathland and woodland edge where there are suitable opportunities for maintaining their body temperature and finding suitable prey. Grass snakes (Natrix
	natrix) and barred grass snakes (Natrix helvetica) are normally associated with water-bodies but they have a wide home range of up to 2km² and can occur anywhere within
	that range, particularly in grassy sites as the common name implies. Where relevant habitat occurs, evidence identifying the presence of reptiles, particularly tracks and
	sloughed skin is recorded.
Water Voles	The area under appraisal is searched for suitable habitat along water-bodies, recording where appropriate, evidence pertaining to the presence of water voles (Arvicola
	amphibius) in the form of burrows, latrines, runs, footprints and distinctive "feeding lawns".
White-clawed	The area under appraisal is searched for suitable habitats that may support white-clawed crayfish (Austropotamobius pallipes). This typically includes freshwater streams and
crayfish	rivers but may also include still water-bodies.

#### 3 **RESULTS, APPRAISAL & RECOMENDATIONS**

#### 3.1 **Desk Study**

The biological data search from Herefordshire Biological Records Centre yielded records of several protected and notable species within 2km of the site. These include great crested newt (Triturus cristatus), palmate newt (Lissotriton helveticus), smooth newt (L. vulgaris), common frog (Rana temporaria), lesser horseshoe bat (Rhinolophus hipposideros), common pipistrelle bat (Pipistrellus pipistrellus), soprano common toad (Bufo bufo). pipistrelle bat (P. pygmaeus), brown long-eared bat (Plecotus auritus), Natterer's bat (Myotis nattereri) and noctule bat (Nyctalus noctula).

There are also numerous records of bird species listed as being of Conservation Concern (JNCC et al. 2009). The following are red listed: redwing (Turdus iliacus), fieldfare (T. pilaris), willow tit (Poecile montanus), marsh tit (P. palustris), spotted flycatcher (Muscicapa striata), yellow wagtail (Motacilla flava flavissima), linnet (Carduelis cannabina) and yellowhammer (Emberiza citrinella). The following are amber listed: golden plover (Pluvialis apricaria), green sandpiper (Tringa ochropus), kingfisher (Alcedo atthis), barn owl (Tyto alba), kestrel (Falco tinnunculus), green woodpecker (Picus viridis), dunnock (Prunella modularis), wheatear (Oenanthe oenanthe), whinchat (Saxicola rubetra), meadow pipit (Anthus pratensis), grey wagtail (Motacilla cinerea), house martin (Delichon urbicum), sand martin (Riparia riparia), swallow (Hirundo rustica), redstart (Phoenicurus phoenicurus), and reed bunting (Emberiza schoeniclus).

Please note that none of these biological records are specific to the site.

There are four non-statutory sites of ecological significance which are wholly or partially within 2km of the site, all of which are Special Wildlife Sites (SWSs): "Cockshoot and Lady Woods", "Brinstone Woods", "Garren Brook" and "Marshland near Audit's Bridge". Garren Brook SWS is the nearest of these being 280m to the south-west at its nearest point to the site. These non-statutory sites are all sufficiently distant not to be affected by the proposed development.

There are no statutory sites of ecological importance which are wholly or partially within 2km of the site<sup>2</sup>.

<sup>&</sup>lt;sup>2</sup> Data obtained from Multi-Agency Geographical Information for the Countryside (MAGIC) website

## 3.2 Protected Species and Habitats

Table 2: Protected/notable species appraisal

Species	Habitats/features	Evidence	Likelihood	Potential	Recommendations
			of	Impact	Further survey required Yes/No
			presence		Avoidance/Mitigation/Enhancement

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Species	Habitats/features	Evidence	Likelihood	Potential	Recommendations
			of	Impact	Further survey required Yes/No
			presence		Avoidance/Mitigation/Enhancement
	No roosting	None	Very	Generally	No surveys for building but if the two mature trees are to ne
	features on site but		limited to	Low but	removed then there will be need for dedicated surveys.
	there are good		limited for	should	
	foraging conditions		roosting	the two	Otherwise, the addition of bat boxes/raised ridge tiles or
	around the site,		bats for all	mature	other such provision of roosting sites to any new buildings
	especially along the		features	trees be	would serve to encourage colonisation by any bats within the
	western side of the		except the	removed,	area (see Appendix 4). These boxes should be located on
	site due to the		two	then	aspects away from any lighting or other forms of disturbance.
	presence of large		mature	moderate	To make sure that these features are appropriately located
	trees that are off		trees.	to high.	and which type of bat roost provision is most appropriate it is
	site. In 2019, the				important that an experienced bat ecologist is consulted prior
S	single remaining		Low to	Low to	to the development.
BATS	building, a single		moderate	moderate	
	storey agricultural		for	for	In addition, it is recommended that a lighting plan is
	barn was		foraging	foraging	developed to ensure that strong lighting is cast away from the
	considered to be		bats	bats if	immediately adjacent mature trees off site on the western
	unsuitable for bats			suitable	side of the site and is minimised as to avoid disturbing
	due to being open			lighting	foraging and/or roosting bats. Please refer to Table 4.
	framed and having			schemes	
	a metal corrugated			are not	
	metal roof and thus			installed	
	thermal stability				
	and much natural				
	daylight entering				
	the structure.				

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Species	Habitats/features	Evidence	Likelihood	Potential	Recommendations
93			of	Impact	Further survey required Yes/No
			presence	28	Avoidance/Mitigation/Enhancement
	Most of the trees	No direct	Very	Generally	Should the trees be removed then bat surveys will be
	on site are	evidence	limited to	Low but	required.
	considered to be		limited for	should	
	unsuitable for		roosting	the two	If this is the case, then as bats are able to gain access into the
	roosting bats.		bats for all	mature	trees, via a range of suitable ingress points. Therefore, the
	However, there are		features	trees be	trees have moderate to high suitability for roosting bats. Bats
	two mature trees		except the	removed,	and their resting sites are protected under the Wildlife and
	on the northern		two	then	Countryside Act 1981 (as amended) and Conservation of
	boundary of the		mature	moderate	Habitats and Species Regulations 2017. Any works taking
w	southern field,		trees.	to high.	place are likely to impact any bats roosting within the trees.
BATS	which are				Therefore, it is recommended that two bat evening/dawn
	considered to be		Low to	Low to	surveys are undertaken at the appropriate time of year (late
	suitable for		moderate	moderate	April – September inclusive) ideally between May and
	roosting bats.		for	for	August to ascertain whether bats are present prior to any
	,		foraging	foraging	works taking place as per the guidelines. Should bats be
	The site is likely to		bats	bats if	found to be roosting during either of the first two surveys,
	part of a			suitable	then a third survey will need to be undertaken in order to
	commuting and			lighting	obtain a Natural England licence.
	foraging area for			schemes	
	local bats.			are not	
				installed	

Species	Habitats/features	Evidence	Likelihood	Potential	Recommendations	
			of	Impact	Further survey required Yes/No	
			presence		Avoidance/Mitigation/Enhancement	
BIRDS	There are trees and hedges which are suitable for nesting birds but there is limited potential for ground nesting birds as the site is an active arable field.	Various common species were noted. The most notable species were house martin (Delichon urbicum) and swallow (Hirundo rustica) in 2016 whilst in 2019, house martin, house sparrow (Passer	Present	Negligible	Yes – should any vegetation clearance or removal of the farm buildings be undertaken during the nesting season (late February to late August) then a suitably qualified ecologist must be engaged prior to commencement.  Should any active nests (from when the nest is in the process of being built to until all the nestlings have fledged) be discovered during the works then works to the area around the nest must stop immediately and an ecologist must be engaged to advise on the most appropriate way to proceed. Given that the local woodland is likely to support nesting birds, no additional nesting features are recommended.	
DORMICE	None	domestica) and yellowhammer (Emberiza citrinella) were noted.  None on site.	Unlikely	Highly unlikely	No No further action required	

Species	Habitats/features	Evidence	Likelihood of presence	Potential Impact	Recommendations Further survey required Yes/No Avoidance/Mitigation/Enhancement
GREAT CRESTED NEWTS	No ponds on site and none within the local area within 500m.	None	Unlikely	Unlikely	None
OTTERS. WATER VOLES ,WHITE- CLAWED CRAYFISH	There are no running water features near the site. The Garren Brook is sufficiently distant.	None	Unlikely	None	None

Species	Habitats/features	Evidence	Likelihood of presence	Potential Impact	Recommendations Further survey required Yes/No Avoidance/Mitigation/Enhancement
REPTILES	From the 2016 appraisal, as a constantly cultivated arable field, the site is considered to be generally hostile to poor as it is frequently disturbed, devoid of any grass tussocks or direct connectivity to suitable habitats. This is equally applicable to the small area of grassland that surrounds the agricultural building.  In 2019, although no longer arable, it still lacks suitable rank tussocks to support reptiles.	None.	Unlikely	Very Low	None

Table 3: Habitat/features appraisal

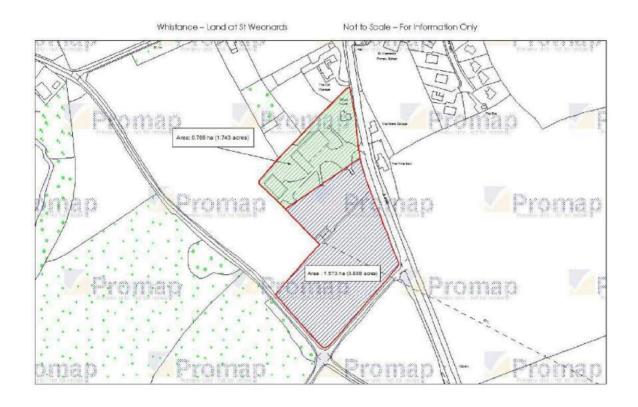
Habitat/Feature	Description	Local BAP habitat Y/N	Evaluation and potential impact	Recommendations  Avoidance / mitigation / enhancement measures
Arable 2016	In 2016, the arable field is a monoculture of barley (Hordeum vulgare). The margins consist of typical ruderals and tall herb including false oat-grass (Arrhenatherum elatius), rough chervil (Chaerophyllum temulum), common nettle (Urtica dioica), cow parsley (Anthriscus sylvestris), hogweed (Heracleum sphondylium), common mallow (Malva sylvestris), cleavers (Galium aparine), broad-leaved dock (Rumex obtusifolius), prickly sow-thistle (Sonchus asper), cultivated oat (Avena sativa), couch grass (Elymus repens), black grass (Alopecurus myosuroides) and cock's foot (Dactylis glomerata).	N	Very Low	None
Improved Grassland Ley 2019	In 2019, the margins have a similar composition whilst the short-term grassland ley, now used for sheep grazing contains perennial ryegrass (Lolium perenne), couch grass Yorkshire fog (Holcus lanatus), creeping thistle (Cirsium arvense), smooth sow thistle (Sonchus oleraceus), dandelion (Taraxacum officinale agg.), curly dock (Rumex crispus), greater plantain (Plantago major), broadleaved dock (Rumex obtusifolius), Timothy-grass (Phleum pratense), crane's-bill species (Geranium sp.), cock's-foot			

Habitat/Feature	Description	Local	Evaluation and	Recommendations
		BAP	potential impact	
		habitat		Avoidance / mitigation / enhancement
		Y/N		measures
	(Dactylis glomerata), shepherd's purse (Capsella bursa-			
	pastoris), common sorrel (Rumex acetosa), common			
	knotgrass (Polygonum aviculare), white clover (Trifolium			
	repens), red clover (Trifolium pratense), black medick			
	(Medicago lupulina), annual meadow grass (Poa annua)			
	and creeping buttercup (Ranunculus repens).			
Improved grassland	There is a small section of grassland that is adjacent to the	N	Low	None
and disturbed	agricultural building that includes some areas of disturbed			
ground	ground. Typical plants found here include similar species			
	to those found in the margins around the arable field (see			
	above). In addition, perennial rye-grass (Lolium perennis)			
	and red fescue (Festuca rubra) were noted.	7)-		
Hedgerow	Planted hedgerows, with some natural colonisation, that	N	Low	None
	border the entire site with the exception of the gated			
	entrance points on the eastern and western sides. These			
	hedgerows have been planted with common hawthorn			
	(Crataegus monogyna) but also include natural colonists			
	such as ash (Fraxinus excelsior), bramble (Rubus fruticosus			
	agg), bracken (Pteridum aquilinium), dog rose (Rosa			
	canina agg.), and elder (Sambucus nigra).			
Trees	There are two mature trees – pedunculate oak (Quercus	N	Low to moderate	To be retained where possible – should
	robur) in the centre of the site near the remaining building	30 M 10 10 10 10 10 10 10 10 10 10 10 10 10	The second of the second secon	they be removed then bat surveys mus-
				be carried out – see above

Table 4: Additional recommendations

Recommendation	Additional recommendation
1:	Installation of artificial bird nesting features on the exterior of new buildings at the eaves level for declining species including house martin, swift and house sparrow. In addition, hole-fronted and open-fronted nest boxes should be placed at least 2m high on boundary trees and shrubs. The best aspect for bird nest boxes is in the sector from north through east to south-east. In addition, since swallows were noted on site during the summer visit, it is recommended where possible, that if a car port or large porch are be installed within the new build(s), then artificial swallow cups be installed (Please See Appendix 4).
2	The impact of lighting upon bat foraging habitat, namely the hedges on the western side should be minimised. Lighting within 20m of these boundaries should only be used where necessary and should be directionally targeted away from the boundaries in order to avoid light spillage onto the boundary vegetation and the watercourses. This may be achieved by fitting lights with suitable internal reflectors and external shields to avoid illuminating the boundaries. Low pressure sodium lamps or even high pressure sodium lamps have a lower impact when compared with mercury or metal halide lamps and therefore they should be used where possible.
	It is strongly recommended that any lighting to be incorporated in the site should be low-powered (i.e. lux level of 3 or less), downward-pointing and/or mounted at a low level (e.g. standard bollard height) to minimise the level of impact from lighting on bats. The best types of lighting for use are narrow spectrum lights with no UV content, warm white LED or low pressure sodium.
3	The ecological value of the site can be enhanced through planting native species and/or those of value to wildlife, i.e. producing fruits, seeds, nuts or single-flowers.
4	There is scope within the proposals to enhance the biodiversity value of the site and therefore it is recommended that once the lay-out plans have been produced, a biodiversity enhancement scheme is devised to enhance the site's ecological value. This would need to be in place before development of the site occurs and should be carried out by a suitably qualified ecologist.

Map 1: Site Plan



Plan supplied by client. Please note the farmhouse in the top north-eastern corner is not included in the proposed plans.

#### 4. **CONCLUSIONS & RECOMMENDATIONS**

- Bats Although most features onsite are highly unlikely to support roosting bats, there are two mature trees in the northern boundary of the southern field, which have suitable features for bats; if they are proposed to be removed, they must have a bat survey prior any works to these trees. Otherwise there are no bat surveys required for this site.
- With the exception of nesting birds and potentially bats, no other evidence of any protected species listed in the methodology was found on the site and therefore no further dedicated surveys are recommended.
- In the unlikely event that any protected species is discovered on the site then all work should **cease immediately** and advice should be sought from a suitably qualified and experienced ecologist as soon as possible.
- There is scope within the proposals to enhance the biodiversity value of the site and therefore it is recommended that once the lay-out plans have been produced, a biodiversity enhancement scheme is devised to enhance the site's ecological value. This would need to be in place before development of the site occurs and should be carried out by a suitably qualified ecologist.
- It should be noted that if more than twelve months elapse between this
  appraisal and the commencement of any development then a further
  survey appraisal may be required at an appropriate time to determine the
  status of any protected species which may have taken up residence during
  the intervening period.

#### 5. BIBLIOGRAPHY

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Appendix 1: Site Photographs



1: The grassland ley (September 2019)



2: The margins of the site (September 2019)



3: The agricultural building on site (September 2019)





5: The improved grassland and ruderal areas with disturbed ground (September 2019)



6: The two mature trees - note these trees have suitability for roosting bats and thus if they are to be removed, they must have a bat survey prior any works.

## Appendix 2: Data Search

St Weonards	cted species within 2km		SO495229			
Species Common Kingfisher	Alcedo atthis	Status, if known BAmb, BD1, Bern2, HBAPCC, HBAPSR, WCA1i	Grid Ref. SO5024	Year 2002	<b>Measurement</b> 1 Present	
Common Kingfisher	Alcedo atthis	BAmb, BD1, Bern2, HBAPCC, HBAPSR, WCA1i	SO4924	2004	1 Present	
Common Kingfisher	Alcedo atthis	BAmb, BD1, Bern2, HBAPCC, HBAPSR, WCA1i	SO5024	2004	1 Present	
Common Kingfisher	Alcedo atthis	BAmb, BD1, Bern2, HBAPCC, HBAPSR, WCA1i	SO5024	2004	1 Present	
Common Kingfisher	Alcedo atthis	BAmb, BD1, Bern2, HBAPCC, HBAPSR, WCA1i	SO5024	2004	1 Present	
Common Kingfisher	Alcedo atthis	BAmb, BD1, Bern2, HBAPCC, HBAPSR, WCA1i	SO5024	2004	2 Present	
Common Kingfisher	Alcedo atthis	BAmb, BD1, Bern2, HBAPCC, HBAPSR, WCA1i	SO5024	2005	1 Present	
Common Kingfisher	Alcedo atthis	BAmb, BD1, Bern2, HBAPCC, HBAPSR, WCA1i	SO5024	2006	1 Present	
Common Kingfisher	Alcedo atthis	BAmb, BD1, Bern2, HBAPCC, HBAPSR, WCA1i	SO5024	2007	1 Present	
Common Kingfisher	Alcedo atthis	BAmb, BD1, Bern2, HBAPCC, HBAPSR, WCA1i	SO5024	2008	1 Present	
Common Kingfisher	Alcedo atthis	BAmb, BD1, Bern2, HBAPCC, HBAPSR, WCA1i	SO5024	2009	1 Present	
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	1998	6 Present	
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	1998	3 Present	
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	1999	2 Present	

Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	1999	1 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	1999	2 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	1999	2 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2000	2 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2000	2 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2000	1 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2001	6 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2001	10 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2002	5 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2002	1 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2002	1 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2002	166 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2003	1 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2003	24 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2003	4 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2003	24 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2004	2 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2004	7 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2004	2 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2004	1 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2004	3 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2004	4 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2004	1 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2005	3 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2005	2 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2005	5 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2005	6 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2005	5 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2006	28 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2006	3 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2006	26 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2006	21 Present

Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2006	2 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO4924	2007	1 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2007	4 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2007	5 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2007	2 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2007	1 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2007	5 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2007	3 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2007	3 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2008	294 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2008	294 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2008	13 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2008	2 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2009	1 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2009	1 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2009	5 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2009	2 Present
Meadow Pipit	Anthus pratensis	BAmb, Bern2, HBAPCC	SO5024	2009	1 Present
Little Owl	Athene noctua	Bern2, CITESA, HBAPCC	SO5024	2002	1 Present
Little Owl	Athene noctua	Bern2, CITESA, HBAPCC	SO5024	2003	1 Present
Little Owl	Athene noctua	Bern2, CITESA, HBAPCC	SO5024	2003	1 Present
Little Owl	Athene noctua	Bern2, CITESA, HBAPCC	SO5024	2003	1 Present
Little Owl	Athene noctua	Bern2, CITESA, HBAPCC	SO505242	2005	1 Present
Little Owl	Athene noctua	Bern2, CITESA, HBAPCC	SO4924	2007	1 Present
Little Owl	Athene noctua	Bern2, CITESA, HBAPCC	SO5024	2008	1 Present
Common Toad	Bufo bufo	HBAPCC, Sect.41, UKBAP, WCA5/9.5a, WCA5/9.5b	SO505243	2004	2 Juvenile; 3 Adult
Common Toad	Bufo bufo	HBAPCC, Sect.41, UKBAP, WCA5/9.5a, WCA5/9.5b	SO505243	2004	2 Adult; 2 Juvenile
Common Toad	Bufo bufo	HBAPCC, Sect.41, UKBAP, WCA5/9.5a, WCA5/9.5b	SO505243	2005	1 Adult

Common Toad	Bufo bufo	HBAPCC, Sect.41, UKBAP, WCA5/9.5a, WCA5/9.5b	SO505243	2005	1 Adult
Common Toad	Bufo bufo	HBAPCC, Sect.41, UKBAP, WCA5/9.5a, WCA5/9.5b	SO505243	2005	1 Adult
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	1999	2 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	1999	2 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	1999	2 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	1999	2 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2000	33 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2000	2 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2000	1 Breeding; 2 Juvenile; 2 Adult; 4 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2000	30 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2000	2 Adult; 2 Juvenile
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2002	3 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2002	230 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2003	2 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2004	4 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2004	1 Present

Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2004	2 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2005	1 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2005	1 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2005	1 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2005	1 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2005	25 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2005	3 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2006	4 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2006	2 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2006	4 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2006	8 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2006	3 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2007	5 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2007	2 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2007	2 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2007	6 Present

Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2008	7 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2008	29 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2009	30 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2009	1 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2009	2 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2009	2 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2009	4 Present
Common Linnet	Carduelis cannabina	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2009	1 Present
					·
Bats	Chiroptera		SO490239	1989	Present
Bats Bats	Chiroptera Chiroptera		SO490239 SO492234	1989 2009	Present 1000+ Droppings
Bats	Chiroptera		SO492234	2009	1000+ Droppings
Bats Bats	Chiroptera Chiroptera	BAmb, Bern2	SO492234 SO492234	2009 2009	1000+ Droppings 1 Present
Bats Bats Bats	Chiroptera Chiroptera Chiroptera	BAmb, Bern2 BAmb, Bern2	SO492234 SO492234 SO492234	2009 2009 2010	1000+ Droppings 1 Present 1+ Droppings
Bats Bats Bats House Martin	Chiroptera Chiroptera Chiroptera Delichon urbicum	**************************************	SO492234 SO492234 SO492234 SO5024	2009 2009 2010 1999	1000+ Droppings 1 Present 1+ Droppings 18 Present
Bats Bats Bats House Martin House Martin	Chiroptera Chiroptera Chiroptera Delichon urbicum Delichon urbicum	BAmb, Bern2	SO492234 SO492234 SO492234 SO5024 SO5024	2009 2009 2010 1999 1999	1000+ Droppings 1 Present 1+ Droppings 18 Present 6 Present 16 Present 5 Present
Bats Bats Bats House Martin House Martin House Martin	Chiroptera Chiroptera Chiroptera Delichon urbicum Delichon urbicum Delichon urbicum	BAmb, Bern2 BAmb, Bern2	SO492234 SO492234 SO492234 SO5024 SO5024 SO5024	2009 2009 2010 1999 1999	1000+ Droppings 1 Present 1+ Droppings 18 Present 6 Present 16 Present
Bats Bats Bats House Martin House Martin House Martin House Martin House Martin	Chiroptera Chiroptera Chiroptera Chiroptera Delichon urbicum Delichon urbicum Delichon urbicum Delichon urbicum	BAmb, Bern2 BAmb, Bern2 BAmb, Bern2	SO492234 SO492234 SO492234 SO5024 SO5024 SO5024 SO5024	2009 2009 2010 1999 1999 1999 2000	1000+ Droppings 1 Present 1+ Droppings 18 Present 6 Present 16 Present 5 Present
Bats Bats Bats House Martin House Martin House Martin House Martin House Martin House Martin	Chiroptera Chiroptera Chiroptera Chiroptera Delichon urbicum Delichon urbicum Delichon urbicum Delichon urbicum Delichon urbicum	BAmb, Bern2 BAmb, Bern2 BAmb, Bern2 BAmb, Bern2	SO492234 SO492234 SO492234 SO5024 SO5024 SO5024 SO5024 SO5024	2009 2009 2010 1999 1999 1999 2000 2000	1000+ Droppings 1 Present 1+ Droppings 18 Present 6 Present 16 Present 5 Present 2 Present
Bats Bats Bats House Martin	Chiroptera Chiroptera Chiroptera Chiroptera Delichon urbicum	BAmb, Bern2 BAmb, Bern2 BAmb, Bern2 BAmb, Bern2 BAmb, Bern2	SO492234 SO492234 SO492234 SO5024 SO5024 SO5024 SO5024 SO5024 SO5024	2009 2009 2010 1999 1999 1999 2000 2000	1000+ Droppings 1 Present 1+ Droppings 18 Present 6 Present 16 Present 5 Present 2 Present
Bats Bats Bats House Martin	Chiroptera Chiroptera Chiroptera Chiroptera Delichon urbicum	BAmb, Bern2 BAmb, Bern2 BAmb, Bern2 BAmb, Bern2 BAmb, Bern2 BAmb, Bern2	SO492234 SO492234 SO492234 SO5024 SO5024 SO5024 SO5024 SO5024 SO5024 SO5024	2009 2009 2010 1999 1999 1999 2000 2000	1000+ Droppings 1 Present 1+ Droppings 18 Present 6 Present 16 Present 5 Present 2 Present 2 Present 6 Present
Bats Bats Bats House Martin	Chiroptera Chiroptera Chiroptera Chiroptera Delichon urbicum	BAmb, Bern2	SO492234 SO492234 SO492234 SO5024 SO5024 SO5024 SO5024 SO5024 SO5024 SO5024 SO5024	2009 2009 2010 1999 1999 1999 2000 2000	1000+ Droppings 1 Present 1+ Droppings 18 Present 6 Present 16 Present 5 Present 2 Present 2 Present 6 Present 30 Present
Bats Bats Bats House Martin	Chiroptera Chiroptera Chiroptera Chiroptera Delichon urbicum	BAmb, Bern2	SO492234 SO492234 SO492234 SO5024 SO5024 SO5024 SO5024 SO5024 SO5024 SO5024 SO5024 SO5024	2009 2009 2010 1999 1999 1999 2000 2000	1000+ Droppings 1 Present 1+ Droppings 18 Present 6 Present 16 Present 5 Present 2 Present 2 Present 6 Present 6 Present 6 Present 6 Present
Bats Bats Bats House Martin	Chiroptera Chiroptera Chiroptera Chiroptera Delichon urbicum	BAmb, Bern2	SO492234 SO492234 SO492234 SO5024 SO5024 SO5024 SO5024 SO5024 SO5024 SO5024 SO5024 SO5024 SO5024	2009 2009 2010 1999 1999 2000 2000 2000	1000+ Droppings 1 Present 1+ Droppings 18 Present 6 Present 16 Present 5 Present 2 Present 2 Present 6 Present 6 Present 10 Present 11 Present

House Martin	Delichon urbicum	BAmb, Bern2	SO5024	2002	1 Present
House Martin	Delichon urbicum	BAmb, Bern2	SO5024	2003	30 Present
House Martin	Delichon urbicum	BAmb, Bern2	SO5024	2003	15 Present
House Martin	Delichon urbicum	BAmb, Bern2	SO5024	2003	1 Present
House Martin	Delichon urbicum	BAmb, Bern2	SO5024	2004	4 Present
House Martin	Delichon urbicum	BAmb, Bern2	SO5024	2004	5 Present
House Martin	Delichon urbicum	BAmb, Bern2	SO5024	2004	15 Present
House Martin	Delichon urbicum	BAmb, Bern2	SO5024	2004	5 Present
House Martin	Delichon urbicum	BAmb, Bern2	SO5024	2004	7 Present
House Martin	Delichon urbicum	BAmb, Bern2	SO4926	2005	1 Pair
House Martin	Delichon urbicum	BAmb, Bern2	SO5024	2005	4 Present
House Martin	Delichon urbicum	BAmb, Bern2	SO5024	2005	52 Present
House Martin	Delichon urbicum	BAmb, Bern2	SO4924	2006	1 Present
House Martin	Delichon urbicum	BAmb, Bern2	SO5024	2006	4 Present
House Martin	Delichon urbicum	BAmb, Bern2	SO5024	2006	6 Present
House Martin	Delichon urbicum	BAmb, Bern2	SO5024	2006	6 Present
House Martin	Delichon urbicum	BAmb, Bern2	SO5024	2006	16 Present
House Martin	Delichon urbicum	BAmb, Bern2	SO5024	2006	29 Present
House Martin	Delichon urbicum	BAmb, Bern2	SO5024	2007	20 Present
House Martin	Delichon urbicum	BAmb, Bern2	SO5024	2007	27 Present
House Martin	Delichon urbicum	BAmb, Bern2	SO5024	2007	8 Present
House Martin	Delichon urbicum	BAmb, Bern2	SO5024	2007	40 Present
House Martin	Delichon urbicum	BAmb, Bern2	SO5024	2007	50 Present
House Martin	Delichon urbicum	BAmb, Bern2	SO5024	2007	23 Present
House Martin	Delichon urbicum	BAmb, Bern2	SO5124	2007	6+ Nest
House Martin	Delichon urbicum	BAmb, Bern2	SO5024	2008	10 Present
House Martin	Delichon urbicum	BAmb, Bern2	SO5024	2008	20 Present
House Martin	Delichon urbicum	BAmb, Bern2	SO5024	2008	31 Present
House Martin	Delichon urbicum	BAmb, Bern2	SO5024	2009	4 Present
House Martin	Delichon urbicum	BAmb, Bern2	SO5024	2009	10 Present
House Martin	Delichon urbicum	BAmb, Bern2	SO5024	2009	1 Present

Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 10 Present Sect. 41, UKBAP Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 11 Present Sect. 41, UKBAP Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 20 Present Sect. 41, UKBAP Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 4 Present Sect. 41, UKBAP Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 5 Present Sect. 41, UKBAP Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 8 Present Sect. 41, UKBAP Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 8 Present Sect. 41, UKBAP Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 5 Present Sect. 41, UKBAP Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 25 Present Sect. 41, UKBAP Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 16 Present Sect. 41, UKBAP Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 16 Present Sect. 41, UKBAP Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 16 Present Sect. 41, UKBAP Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 16 Present Sect. 41, UKBAP Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 17 Present Sect. 41, UKBAP Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 25 Present Sect. 41, UKBAP Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 25 Present Sect. 41, UKBAP							
Sect.41, UKBAP	Υ	lowhammer	Emberiza citrinella		SO5024	1998	1 Present
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Yellowhammer Emberiza citrinella Bernz, BRed, HBAPCC, SO5024 1999 10 Present Sect.41, UKBAP Yellowhammer Emberiza citrinella Bernz, BRed, HBAPCC, SO5024 1999 11 Present Sect.41, UKBAP Yellowhammer Emberiza citrinella Bernz, BRed, HBAPCC, SO5024 1999 20 Present Sect.41, UKBAP Yellowhammer Emberiza citrinella Bernz, BRed, HBAPCC, SO5024 1999 4 Present Sect.41, UKBAP Yellowhammer Emberiza citrinella Bernz, BRed, HBAPCC, SO5024 1999 5 Present Sect.41, UKBAP Yellowhammer Emberiza citrinella Bernz, BRed, HBAPCC, SO5024 1999 8 Present Sect.41, UKBAP Yellowhammer Emberiza citrinella Bernz, BRed, HBAPCC, SO5024 1999 8 Present Sect.41, UKBAP Yellowhammer Emberiza citrinella Bernz, BRed, HBAPCC, SO5024 1999 5 Present Sect.41, UKBAP Yellowhammer Emberiza citrinella Bernz, BRed, HBAPCC, SO5024 1999 25 Present Sect.41, UKBAP Yellowhammer Emberiza citrinella Bernz, BRed, HBAPCC, SO5024 1999 16 Present Sect.41, UKBAP Yellowhammer Emberiza citrinella Bernz, BRed, HBAPCC, SO5024 1999 16 Present Sect.41, UKBAP Yellowhammer Emberiza citrinella Bernz, BRed, HBAPCC, SO5024 1999 16 Present Sect.41, UKBAP Yellowhammer Emberiza citrinella Bernz, BRed, HBAPCC, SO5024 1999 17 Present Sect.41, UKBAP Yellowhammer Emberiza citrinella Bernz, BRed, HBAPCC, SO5024 1999 17 Present Sect.41, UKBAP Yellowhammer Emberiza citrinella Bernz, BRed, HBAPCC, SO5024 1999 17 Present Sect.41, UKBAP	Υ	lowhammer	Emberiza citrinella		SO5024	1998	5 Present
Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 11 Present Sect. 41, UKBAP Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 20 Present Sect. 41, UKBAP Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 4 Present Sect. 41, UKBAP Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 5 Present Sect. 41, UKBAP Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 8 Present; Breeding Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 5 Present Sect. 41, UKBAP Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 5 Present Sect. 41, UKBAP Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 25 Present Sect. 41, UKBAP Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 16 Present Sect. 41, UKBAP Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 16 Present Sect. 41, UKBAP Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 11 Present Sect. 41, UKBAP Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 11 Present Sect. 41, UKBAP	Υ	lowhammer	Emberiza citrinella	[	SO5024	1998	35 Present
YellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, Sect. 41, UKBAPSO5024199920 PresentYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, Sect. 41, UKBAPSO502419994 PresentYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, Sect. 41, UKBAPSO502419995 PresentYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, Sect. 41, UKBAPSO502419998 Present; BreedingYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, Sect. 41, UKBAPSO502419995 PresentYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, Sect. 41, UKBAPSO5024199925 PresentYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, Sect. 41, UKBAPSO5024199916 PresentYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, Sect. 41, UKBAPSO5024199911 PresentYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, SO5024199911 PresentYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, SO5024199925 Present	Υ	lowhammer	Emberiza citrinella	- CONTROL OF SECURE AND	SO5024	1999	10 Present
YellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, Soct.41, UKBAPSoct.41, UKBAPYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, Soct.41, UKBAPSoct.41, UKBAP	Υ	lowhammer	Emberiza citrinella		SO5024	1999	11 Present
YellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, SCC.41, UKBAPSO502419995 PresentYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, SCC.41, UKBAPSO502419998 Present; BreedingYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, SCC.41, UKBAPSO502419995 PresentYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, SCC.41, UKBAPSO5024199925 PresentYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, SCC.41, UKBAPSO5024199916 PresentYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, SCC.41, UKBAPSO5024199911 PresentYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, SCC.41, UKBAPSCC.41, UKBAPSCC.41, UKBAPYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, SCC.41, UKBAPSCC.41, UKBAPSCC.41, UKBAPYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, SCC.41, UKBAPSCC.41, UKBAPSCC.41, UKBAP	Υ	lowhammer	Emberiza citrinella	. (1) 10 - 10 10 10 10 10 10 10 10 10 10 10 10 10	SO5024	1999	20 Present
YellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, Sct.41, UKBAPSO502419998 Present; BreedingYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, Sct.41, UKBAPSO502419995 PresentYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, Sct.41, UKBAPSO5024199925 PresentYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, Sct.41, UKBAPSO5024199916 PresentYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, Sct.41, UKBAPSO5024199911 PresentYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, Sct.41, UKBAPSO5024199925 PresentYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, Sct.41, UKBAPSO5024199925 Present	Υ	lowhammer	Emberiza citrinella		SO5024	1999	4 Present
YellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, SO5024SO502419995 PresentYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, SO5024199925 PresentYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, SO5024199916 PresentYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, SO5024199911 PresentYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, SO5024199911 PresentYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, SO5024199925 Present	Υ	lowhammer	Emberiza citrinella		SO5024	1999	5 Present
YellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, SO5024SO5024199925 Present Sect.41, UKBAPYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, SO5024199916 Present Sect.41, UKBAPYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, SO5024199911 Present Sect.41, UKBAPYellowhammerEmberiza citrinellaBern2, BRed, HBAPCC, SO5024199925 Present Sect.41, UKBAP	Υ	lowhammer	Emberiza citrinella		SO5024	1999	8 Present; Present Breeding
Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 16 Present Sect.41, UKBAP  Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 11 Present Sect.41, UKBAP  Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 25 Present	Υ	lowhammer	Emberiza citrinella		SO5024	1999	5 Present
Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 11 Present Sect.41, UKBAP  Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 25 Present	Υ	lowhammer	Emberiza citrinella	나는 아이들은 아이들은 아이들은 아이들은 아이들은 아이들은 아이들은 아이들은	SO5024	1999	25 Present
Sect.41, UKBAP Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 1999 25 Present	Υ	lowhammer	Emberiza citrinella	[1] [1] [1] [2] [3] [3] [3] [4] [4] [4] [4] [4] [4] [4] [4] [4] [4	SO5024	1999	16 Present
	Υ	lowhammer	Emberiza citrinella		SO5024	1999	11 Present
	Υ	lowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	1999	25 Present
Yellowhammer Emberiza citrinella Bern2, BRed, HBAPCC, SO5024 2000 7 Present Sect.41, UKBAP	Υ	lowhammer	Emberiza citrinella	- (2) 그런 " TO	SO5024	2000	7 Present

Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2000	9 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2000	18 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2000	7 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2000	6 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2000	7 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2000	5 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2000	1 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2000	4 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2000	5 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2001	1 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2001	4 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2001	2 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2001	5 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2001	5 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2001	5 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2002	4 Present

Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2002	3 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2002	11 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2002	4 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2002	2 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2002	8 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2002	3 Male; 5 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2002	5 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2002	3 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2002	4 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2003	46 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2003	6 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2003	5 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2003	10 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2003	5 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2003	22 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2003	22 Present

Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2003	2 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2003	1 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2003	7 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2003	32 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2003	46 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2004	5 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2004	8 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2004	7 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2004	7 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2004	5 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2004	8 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2004	6 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2004	11 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2004	4 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2005	3 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2005	3 Present

Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2005	1 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2005	1 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2005	5 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2005	7 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2005	8 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2005	8 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2005	2 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2005	6 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO505243	2005	Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2006	4 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2006	5 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2006	9 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2006	12 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2006	8 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2006	6 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2006	8 Present

Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2006	25 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2006	2 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2006	2 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2006	3 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2007	1 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2007	1 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2007	3 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2007	9 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2007	3 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2007	5 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2007	6 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2007	8 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2007	7 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2007	3 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2007	2 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2008	3 Present

Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2008	6 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2008	2 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2008	21 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2008	21 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2008	3 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2008	2 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2009	4 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2009	5 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2009	4 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2009	4 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2009	6 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2009	2 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2009	2 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2009	2 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2009	2 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2009	11 Present

Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2009	20 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO5024	2009	11 Present
Yellowhammer	Emberiza citrinella	Bern2, BRed, HBAPCC, Sect.41, UKBAP	SO505257	2009	4 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2000	3 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2000	3 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2000	1 Present; Present Adult Male
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2000	3 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2001	1 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2001	2 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2002	2 Present; Present Female; Present Male
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2002	2 Present; Present Female; Present Male
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2002	3 Female; 3 Male; 6 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2002	3 Female; 3 Male; 6 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2002	1 Present; Present Female; Present Breeding
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2002	3 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2003	2 Present

Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2003	2 Pair; 8 Present; Present Breeding
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2003	2 Pair; 8 Present; Present Breeding
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2003	2 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2003	3 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2003	3 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2004	2 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2004	1 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2004	1 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2004	1 Pair; Present Breeding
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2004	1 Pair
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2004	2 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2004	3 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2004	2 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2004	1 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2004	1 Male; 1 Female
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2005	2 Adult Male; 3 Adult Female

Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2005	5 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2005	1 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2005	1 Female; 1 Male
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2005	1 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2005	1 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2005	2 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2005	1 Adult Female; 2 Adult Male
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO4926	2006	1 Adult
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2006	1 Female; 1 Male
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2006	1 Female; 1 Male
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2006	2 Female; 3 Male
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2006	2 Present; Present Breeding
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2006	1 Pair; 3 Juvenile; Present Breeding
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2006	1 Female; 2 Male; Present Breeding
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2006	2 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2006	5 Present

Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2006	3 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2006	3 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO4924	2007	1 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2007	2 Male; 2 Female
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2007	2 Male; 2 Female
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2007	4 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2007	5 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2007	1 Juvenile; 3 Adult; Present Breeding
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2007	2 Juvenile; 7 Adult; Present Breeding
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2007	1 Male; 2 Juvenile; Present Breeding
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2007	2 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2007	5 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2007	3 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2007	2 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2007	2 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2007	1 Present

Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO4924	2008	1 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2008	2 Female; 3 Male
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2008	3 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2008	2 Juvenile; 2 Adult; Present Breeding
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2008	3 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2008	5 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2008	2 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2008	5 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2008	3 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2008	5 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2008	3 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2008	4 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2009	1 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2009	7 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2009	4 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2009	4 Present

Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2009	3 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2009	4 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2009	5 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2009	4 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2009	4 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2009	1 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO5024	2009	1 Present
Reed Bunting	Emberiza schoeniclus	BAmb, Bern2, HBAPCC, HBAPPS, Sect.41, UKBAP	SO505257	2009	10 Present
Peregrine Falcon	Falco peregrinus	BD1, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS, WCA1i	SO5024	1999	1 Present
Peregrine Falcon	Falco peregrinus	BD1, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS, WCA1i	SO5024	2002	1 Present
Peregrine Falcon	Falco peregrinus	BD1, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS, WCA1i	SO5024	2003	1 Present
Peregrine Falcon	Falco peregrinus	BD1, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS, WCA1i	SO5024	2006	1 Present
Peregrine Falcon	Falco peregrinus	BD1, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS, WCA1i	SO5024	2008	1 Present
Peregrine Falcon	Falco peregrinus	BD1, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS, WCA1i	SO5024	2009	1 Present
Eurasian Hobby	Falco subbuteo	Bern2, CITESA, CMS_A2, HBAPCC, WCA1i	SO5024	2006	1 Present
Eurasian Hobby	Falco subbuteo	Bern2, CITESA, CMS_A2, HBAPCC, WCA1i	SO4924	2008	1 Present

Common Kestrel	Falco tinnunculus	BAmb, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS	SO5024	1998	1 Present
Common Kestrel	Falco tinnunculus	BAmb, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS	SO5024	1999	1 Present
Common Kestrel	Falco tinnunculus	BAmb, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS	SO5024	1999	1 Present
Common Kestrel	Falco tinnunculus	BAmb, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS	SO5024	1999	1 Present
Common Kestrel	Falco tinnunculus	BAmb, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS	SO5024	2000	1 Present
Common Kestrel	Falco tinnunculus	BAmb, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS	SO5024	2000	2 Present
Common Kestrel	Falco tinnunculus	BAmb, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS	SO5024	2001	1 Present
Common Kestrel	Falco tinnunculus	BAmb, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS	SO5024	2002	1 Present
Common Kestrel	Falco tinnunculus	BAmb, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS	SO5024	2003	1 Present
Common Kestrel	Falco tinnunculus	BAmb, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS	SO5024	2004	1 Present
Common Kestrel	Falco tinnunculus	BAmb, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS	SO5024	2005	1 Present
Common Kestrel	Falco tinnunculus	BAmb, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS	SO5024	2006	1 Present
Common Kestrel	Falco tinnunculus	BAmb, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS	SO5024	2006	1 Present
Common Kestrel	Falco tinnunculus	BAmb, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS	SO5024	2006	1 Present
Common Kestrel	Falco tinnunculus	BAmb, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS	SO4924	2007	1 Present
Common Kestrel	Falco tinnunculus	BAmb, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS	SO5024	2007	1 Present

Common Kestrel	Falco tinnunculus	BAmb, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS	SO5024	2007	1 Present
Common Kestrel	Falco tinnunculus	BAmb, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS	SO5024	2007	1 Present
Common Kestrel	Falco tinnunculus	BAmb, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS	SO5024	2007	1 Present
Common Kestrel	Falco tinnunculus	BAmb, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS	SO4924	2008	1 Female
Common Kestrel	Falco tinnunculus	BAmb, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS	SO4924	2008	1 Pair
Common Kestrel	Falco tinnunculus	BAmb, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS	SO5024	2009	1 Present
Common Kestrel	Falco tinnunculus	BAmb, Bern2, CITESA, CMS_A2, HBAPCC, HBAPPS	SO5024	2009	1 Present
Brambling	Fringilla montifringilla	WCA1i	SO5024	2008	1 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	1999	4 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	1999	2 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	1999	3 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	1999	1 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	1999	4 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2000	46 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2000	1 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2000	2 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2000	1 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2000	46 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2002	6 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2002	5 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2002	9 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2003	1 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2003	1 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2003	6 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2003	10 Present

Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2003	8 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2004	1 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2004	4 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2004	1 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2004	9 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2005	2 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2005	4 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2006	6 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2006	12 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2006	5 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2006	3 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2006	2 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2007	2 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2007	4 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2007	1 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2007	1 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2007	54 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2008	5 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2008	17 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2008	48 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2009	2 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2009	3 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2009	7 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO5024	2009	2 Present
Barn Swallow	Hirundo rustica	BAmb, Bern2	SO492234	2010	1+ Nest
Swallow	Hirundo rustica	BAmb, Bern2	SO494225	2004	4 Breeding Confirmed
Swallow	Hirundo rustica	BAmb, Bern2	SO494225	2004	4 Nest
Swallow	Hirundo rustica	BAmb, Bern2	SO505242	2004	6 Present
Swallow	Hirundo rustica	BAmb, Bern2	SO505243	2005	Present Possible Breeding
Swallow	Hirundo rustica	BAmb, Bern2	SO5124	2007	1 Nest
Swallow	Hirundo rustica	BAmb, Bern2	SO5124	2007	1+ Adult
Swallow	Hirundo rustica	BAmb, Bern2	SO5124	2007	1 Juvenile

Bluebell	Hyacinthoides non-scripta	HBAPCC, WCA8	SO42W	1981	Present
Bluebell	Hyacinthoides non-scripta	HBAPCC, WCA8	SO42X	1981	Present
Bluebell	Hyacinthoides non-scripta	HBAPCC, WCA8	SO52C	1990	Present
Palmate Newt	Lissotriton helveticus	HBAPCC, WCA5/9.5a, WCA5/9.5b	SO505243	2004	1 Juvenile
Palmate Newt	Lissotriton helveticus	HBAPCC, WCA5/9.5a, WCA5/9.5b	SO505243	2005	2 Adult
Palmate Newt	Lissotriton helveticus	HBAPCC, WCA5/9.5a, WCA5/9.5b	SO505243	2005	1 Adult
Palmate Newt	Lissotriton helveticus	HBAPCC, WCA5/9.5a, WCA5/9.5b	SO505243	2005	1 Juvenile; 2 Adult
Smooth Newt	Lissotriton vulgaris	HBAPCC, WCA5/9.5a, WCA5/9.5b	SO494225	2004	1 Adult
Smooth Newt	Lissotriton vulgaris	HBAPCC, WCA5/9.5a, WCA5/9.5b	SO494225	2004	1 Adult
Smooth Newt	Lissotriton vulgaris	HBAPCC, WCA5/9.5a, WCA5/9.5b	SO505243	2005	2 Adult
Smooth Newt	Lissotriton vulgaris	HBAPCC, WCA5/9.5a, WCA5/9.5b	SO505243	2005	2 Adult
Smooth Newt	Lissotriton vulgaris	HBAPCC, WCA5/9.5a, WCA5/9.5b	SO505243	2005	4 Adult
Smooth Newt	Lissotriton vulgaris	HBAPCC, WCA5/9.5a, WCA5/9.5b	SO505243	2005	1 Adult
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	1999	2 Present
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	1999	1 Present
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	1999	1 Present
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	2000	1 Present
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	2000	2 Present
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	2000	1 Present
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	2000	1 Present
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	2000	1 Present

Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	2001	1 Present
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	2001	1 Present
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	2002	1 Present
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	2002	1 Present
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	2002	1 Present
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	2002	1 Present
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	2002	1 Present
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	2004	1 Present
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	2004	1 Present
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	2004	1 Present
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	2005	2 Present
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	2005	3 Present
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	2005	1 Present
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	2005	1 Present
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	2005	2 Present
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	2006	1 Present
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	2006	1 Present
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	2006	1 Present
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	2007	2 Present
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	2007	2 Present
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO5024	2009	1 Present
Grey Wagtail	Motacilla cinerea	BAmb, Bern2, HBAPCC	SO492234	2010	Present
Yellow Wagtail	Motacilla flava subsp.	Bern2, BRed, HBAPCC,	SO5024	2004	1 Present
	flavissima	Sect.41, UKBAP			
Yellow Wagtail	Motacilla flava subsp.	Bern2, BRed, HBAPCC,	SO5024	2009	1 Present
	flavissima	Sect.41, UKBAP			
Yellow Wagtail	Motacilla flava subsp.	Bern2, BRed, HBAPCC,	SO5024	2009	3 Present
	flavissima	Sect.41, UKBAP			
Yellow Wagtail	Motacilla flava subsp.	Bern2, BRed, HBAPCC,	SO5024	2009	3 Present
	flavissima	Sect.41, UKBAP			
Yellow Wagtail	Motacilla flava subsp.	Bern2, BRed, HBAPCC,	SO505257	2009	1 Present
	flavissima	Sect.41, UKBAP			

Spotted Flycatcher Muscicapa striata Bern2, BRed, CMS_A2, SO5024 2 HBAPCC, HBAPPS, Sect.41, UKBAP	
Spotted Flycatcher Muscicapa striata Bern2, BRed, CMS_A2, SO5024 2 HBAPCC, HBAPPS, Sect.41, UKBAP	1 Pair; 2 Juvenile; 4 Present; Present Breeding
Spotted Flycatcher Muscicapa striata Bern2, BRed, CMS_A2, SO5024 2 HBAPCC, HBAPPS, Sect.41, UKBAP	2 Adult; 2 Juvenile
Spotted Flycatcher Muscicapa striata Bern2, BRed, CMS_A2, SO5024 2 HBAPCC, HBAPPS, Sect.41, UKBAP	1 Present
Spotted Flycatcher Muscicapa striata Bern2, BRed, CMS_A2, SO5024 2 HBAPCC, HBAPPS, Sect.41, UKBAP	1 Adult; 1 Juvenile; Present Breeding
Spotted Flycatcher Muscicapa striata Bern2, BRed, CMS_A2, SO5024 2 HBAPCC, HBAPPS, Sect.41, UKBAP	007 1 Present
Spotted Flycatcher Muscicapa striata Bern2, BRed, CMS_A2, SO5024 2 HBAPCC, HBAPPS, Sect.41, UKBAP	1 Present
Unidentified Bat <i>Myotis</i> CMS_A2, HabRegs2, SO494225 2 WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	004 1 Droppings
Unidentified Bat <i>Myotis</i> CMS_A2, HabRegs2, SO494225 2 WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	1 Present
Unidentified Bat <i>Myotis</i> CMS_A2, HabRegs2, SO494225 2 WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	004 1 Roosting

Unidentified Bat	Myotis	CMS_A2, HabRegs2, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO505242	2004	Present
Unidentified Bat	Myotis	CMS_A2, HabRegs2, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO505242	2004	Present
Unidentified Bat	Myotis	CMS_A2, HabRegs2, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO505242	2005	1 Present
Unidentified Bat	Myotis	CMS_A2, HabRegs2, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2009	1 Present
Natterer's Bat	Myotis nattereri	Bern2, CMS_A2, HabRegs2, HBAPCC, HSD4, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2009	1 Present
Noctule	Nyctalus noctula	Bern2, CMS_A2, HabRegs2, HBAPCC, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2005	1 Feeding
Noctule	Nyctalus noctula	Bern2, CMS_A2, HabRegs2, HBAPCC, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2005	1 In flight
Noctule	Nyctalus noctula	Bern2, CMS_A2, HabRegs2, HBAPCC, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2005	Present

Noctule	Nyctalus noctula	Bern2, CMS_A2, HabRegs2, HBAPCC, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO505242	2005	3 Present
Noctule	Nyctalus noctula	Bern2, CMS_A2, HabRegs2, HBAPCC, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO505243	2005	1 Present
Noctule	Nyctalus noctula	Bern2, CMS_A2, HabRegs2, HBAPCC, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO500254	2009	1 Present
Noctule Bat	Nyctalus noctula	Bern2, CMS_A2, HabRegs2, HBAPCC, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO49172341	2009	1 In flight
Northern Wheatear	Oenanthe oenanthe	BAmb, Bern2, HBAPCC	SO4924	2008	1 Female
Common Redstart	Phoenicurus phoenicurus	BAmb, Bern2, HBAPCC	SO5024	1999	1 Present
Common Redstart	Phoenicurus phoenicurus	BAmb, Bern2, HBAPCC	SO5024	2004	2 Adult; 2 Juvenile
Common Redstart	Phoenicurus phoenicurus	BAmb, Bern2, HBAPCC	SO5024	2006	1 Present
Common Redstart	Phoenicurus phoenicurus	BAmb, Bern2, HBAPCC	SO5024	2007	1 Adult Winter Male
Common Redstart	Phoenicurus phoenicurus	BAmb, Bern2, HBAPCC	SO5024	2009	1 Juvenile
Common Redstart	Phoenicurus phoenicurus	BAmb, Bern2, HBAPCC	SO5024	2009	1 Male
Green Woodpecker	Picus viridis	BAmb, Bern2, HBAPCC	SO5024	1998	2 Present
Green Woodpecker	Picus viridis	BAmb, Bern2, HBAPCC	SO5024	1998	1 Present
Green Woodpecker	Picus viridis	BAmb, Bern2, HBAPCC	SO5024	1999	1 Present
Green Woodpecker	Picus viridis Picus viridis	BAmb, Bern2, HBAPCC BAmb, Bern2, HBAPCC	SO5024 SO5024	1999 2000	1 Present 4 Present
Green Woodpecker	FICUS VITIUIS	DAITID, DEITIZ, FIDAPCC	303024	2000	4 Fleselli

Green Woodpecker	Picus viridis	BAmb, Bern2, HBAPCC	SO5024	2000	1 Present
Green Woodpecker	Picus viridis	BAmb, Bern2, HBAPCC	SO5024	2001	1 Present
Green Woodpecker	Picus viridis	BAmb, Bern2, HBAPCC	SO5024	2003	1 Present
Green Woodpecker	Picus viridis	BAmb, Bern2, HBAPCC	SO5024	2004	1 Present
Green Woodpecker	Picus viridis	BAmb, Bern2, HBAPCC	SO4926	2006	2 Adult
Green Woodpecker	Picus viridis	BAmb, Bern2, HBAPCC	SO5024	2006	1 Present
Green Woodpecker	Picus viridis	BAmb, Bern2, HBAPCC	SO4924	2007	1 Present
Green Woodpecker	Picus viridis	BAmb, Bern2, HBAPCC	SO5024	2007	1 Present
Green Woodpecker	Picus viridis	BAmb, Bern2, HBAPCC	SO5024	2008	1 Present
Green Woodpecker	Picus viridis	BAmb, Bern2, HBAPCC	SO5024	2008	1 Present
Green Woodpecker	Picus viridis	BAmb, Bern2, HBAPCC	SO5024	2009	1 Present
Green Woodpecker	Picus viridis	BAmb, Bern2, HBAPCC	SO5024	2009	1 Present
Green Woodpecker	Picus viridis	BAmb, Bern2, HBAPCC	SO5024	2009	1 Present
Pipistrellus	Pipistrellus	CMS_A2, HabRegs2, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2005	Present Droppings
Pipistrellus	Pipistrellus	CMS_A2, HabRegs2, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2010	1+ Droppings
Common Pipistrelle	Pipistrellus pipistrellus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO494225	2004	2 Present
Common Pipistrelle	Pipistrellus pipistrellus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO494225	2004	2 In flight
Common Pipistrelle	Pipistrellus pipistrellus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO494225	2004	8 Roosting

Common Pipistrelle	Pipistrellus pipistrellus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO494225	2004	8 Roosting
Common Pipistrelle	Pipistrellus pipistrellus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO505242	2004	Present
Common Pipistrelle	Pipistrellus pipistrellus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO505242	2004	1 Present
Common Pipistrelle	Pipistrellus pipistrellus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO49212341	2005	8 Roosting
Common Pipistrelle	Pipistrellus pipistrellus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2005	Present In flight
Common Pipistrelle	Pipistrellus pipistrellus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO505242	2005	3 Roosting
Common Pipistrelle	Pipistrellus pipistrellus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO505243	2005	2 Present
Common Pipistrelle	Pipistrellus pipistrellus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO505243	2005	2 Roosting

Common Pipistrelle	Pipistrellus pipistrellus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO496243	2007	1 Present
Common Pipistrelle	Pipistrellus pipistrellus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO50082244	2007	1+ Roosting
Common Pipistrelle	Pipistrellus pipistrellus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO49172341	2009	2 In flight
Common Pipistrelle	Pipistrellus pipistrellus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2009	1 Feeding
Common Pipistrelle	Pipistrellus pipistrellus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2009	1 Present
Common Pipistrelle	Pipistrellus pipistrellus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO500254	2009	1 Present
Common Pipistrelle	Pipistrellus pipistrellus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO50092541	2009	2 Roosting
Common Pipistrelle	Pipistrellus pipistrellus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO50092541	2009	2 Roosting

Common Pipistrelle	Pipistrellus pipistrellus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2010	1+ Droppings
Pipistrelle	Pipistrellus pipistrellus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2005	Present Droppings
Pipistrelle	Pipistrellus pipistrellus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2009	10 Droppings
Pipistrelle	Pipistrellus pipistrellus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO500254	2009	1 Feeding
Pipistrelle	Pipistrellus pipistrellus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO500254	2009	1 Feeding
Soprano Pipistrelle	Pipistrellus pygmaeus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO494225	2004	2 Present
Soprano Pipistrelle	Pipistrellus pygmaeus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO494225	2004	1 In flight

Soprano Pipistrelle	Pipistrellus pygmaeus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO494225	2004	1 In flight
Soprano Pipistrelle	Pipistrellus pygmaeus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO494225	2004	1 Roosting
Soprano Pipistrelle	Pipistrellus pygmaeus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO49182339	2005	5 Roosting
Soprano Pipistrelle	Pipistrellus pygmaeus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO49182339	2005	2 Roosting
Soprano Pipistrelle	Pipistrellus pygmaeus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO49212341	2005	17 Roosting
Soprano Pipistrelle	Pipistrellus pygmaeus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2005	1+ Feeding

Soprano Pipistrelle	Pipistrellus pygmaeus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2005	Present Roosting
Soprano Pipistrelle	Pipistrellus pygmaeus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2005	Present In flight
Soprano Pipistrelle	Pipistrellus pygmaeus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO49172341	2009	1+ In flight
Soprano Pipistrelle	Pipistrellus pygmaeus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO49182340	2009	2 Roosting
Soprano Pipistrelle	Pipistrellus pygmaeus	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2009	1-2 Feeding
Long-eared Bat species	Plecotus	CMS_A2, HabRegs2, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2005	Present Droppings
Long-eared Bat species	Plecotus	CMS_A2, HabRegs2, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO50072244	2007	2 Roosting

Long-eared Bat species	Plecotus	CMS_A2, HabRegs2, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2009	50 Droppings
Long-eared Bat species	Plecotus	CMS_A2, HabRegs2, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2009	20 Droppings
Long-eared Bat species	Plecotus	CMS_A2, HabRegs2, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2009	1 Present
Long-eared Bat species	Plecotus	CMS_A2, HabRegs2, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2010	1+ Droppings
Long-eared Bat species	Plecotus	CMS_A2, HabRegs2, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2010	1+ Droppings
Plecotus	Plecotus	CMS_A2, HabRegs2, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO49182341	2005	1 In flight
Plecotus	Plecotus	CMS_A2, HabRegs2, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2005	Present Droppings
Brown Long-Eared Bat	Plecotus auritus	Bern2, CMS_A2, HabRegs2, HBAPCC, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO494225	2004	1 In flight
Brown Long-Eared Bat	Plecotus auritus	Bern2, CMS_A2, HabRegs2, HBAPCC, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO494225	2004	1 Present

Brown Long-Eared Bat	Plecotus auritus	Bern2, CMS_A2, HabRegs2, HBAPCC, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO494225	2004	2 In flight
Brown Long-Eared Bat	Plecotus auritus	Bern2, CMS_A2, HabRegs2, HBAPCC, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO494225	2004	2 Roosting
Brown Long-Eared Bat	Plecotus auritus	Bern2, CMS_A2, HabRegs2, HBAPCC, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO505243	2005	1 Roosting
European Golden Plover	Pluvialis apricaria	BAmb, BD1, CMS_A2, HBAPCC, HBAPSR	SO5024	2004	3 Present
European Golden Plover	Pluvialis apricaria	BAmb, BD1, CMS_A2, HBAPCC, HBAPSR	SO5024	2007	1 Present
European Golden Plover	Pluvialis apricaria	BAmb, BD1, CMS_A2, HBAPCC, HBAPSR	SO5024	2008	1 Present
European Golden Plover	Pluvialis apricaria	BAmb, BD1, CMS_A2, HBAPCC, HBAPSR	SO5024	2009	1 Present
Willow Tit	Poecile montanus	Bern2, BRed, HBAPCC, HBAPPS	SO5024	2003	1 Present
Marsh Tit	Poecile palustris	Bern2, BRed, HBAPCC	SO5024	2001	1 Present
Marsh Tit	Poecile palustris	Bern2, BRed, HBAPCC	SO502255	2002	2 Present
Marsh Tit	Poecile palustris	Bern2, BRed, HBAPCC	SO5024	2002	2 Present
Marsh Tit	Poecile palustris	Bern2, BRed, HBAPCC	SO5024	2002	2 Present
Marsh Tit	Poecile palustris	Bern2, BRed, HBAPCC	SO5024	2002	1 Present
Marsh Tit	Poecile palustris	Bern2, BRed, HBAPCC	SO5024	2003	2 Present
Marsh Tit	Poecile palustris	Bern2, BRed, HBAPCC	SO5024	2003	2 Present

Marsh Tit	Poecile palustris	Bern2, BRed, HBAPCC	SO5024	2003	2 Present
Marsh Tit	Poecile palustris	Bern2, BRed, HBAPCC	SO5024	2003	1 Juvenile; 2 Present; Present Breeding
Marsh Tit	Poecile palustris	Bern2, BRed, HBAPCC	SO5024	2003	1 Pair; 4 Present; Present Breeding
Marsh Tit	Poecile palustris	Bern2, BRed, HBAPCC	SO5024	2003	2 Present; Present Juvenile; Present Breeding; Present Adult
Marsh Tit	Poecile palustris	Bern2, BRed, HBAPCC	SO5024	2003	4 Present
Marsh Tit	Poecile palustris	Bern2, BRed, HBAPCC	SO5024	2004	1 Present
Marsh Tit	Poecile palustris	Bern2, BRed, HBAPCC	SO5024	2004	1 Present
Marsh Tit	Poecile palustris	Bern2, BRed, HBAPCC	SO5024	2004	2 Present
Marsh Tit	Poecile palustris	Bern2, BRed, HBAPCC	SO5024	2004	2 Present
Marsh Tit	Poecile palustris	Bern2, BRed, HBAPCC	SO5024	2004	2 Present
Marsh Tit	Poecile palustris	Bern2, BRed, HBAPCC	SO5024	2004	2 Present
Marsh Tit	Poecile palustris	Bern2, BRed, HBAPCC	SO5024	2006	1 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	1998	9 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	1998	4 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	1998	11 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	1999	10 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	1999	15 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	1999	12 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	1999	14 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	1999	14 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	1999	10 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	1999	14 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	1999	9 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	1999	7 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	1999	1 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	1999	3 Present; Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	1999	Breeding 3 Present

Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2000	6 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2000	5 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2000	9 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2000	9 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2000	9 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2000	17 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2000	3 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2000	1 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2000	12 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2000	7 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2000	3 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2000	6 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2001	19 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2001	18 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2001	7 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2001	8 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2001	6 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2002	3 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2002	4 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2002	12 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2002	23 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2002	12 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2002	3 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2002	6 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2002	16 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2002	7 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2002	5 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2002	10 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2002	3 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2003	4 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2003	5 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2003	6 Present

Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2003	6 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2003	10 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2003	12 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2003	14 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2003	8 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2003	5 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2003	10 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2003	22 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2004	12 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2004	17 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2004	14 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2004	12 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2004	9 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2004	9 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2004	10 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2004	3 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2004	6 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2004	6 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2004	5 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2004	7 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2005	4 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2005	9 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2005	17 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2005	16 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2005	2 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2005	7 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2005	12 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2005	25 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2005	19 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2005	15 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2006	16 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2006	15 Present

Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2006	10 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2006	8 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2006	3 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2006	9 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2006	11 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2006	6 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2006	17 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2006	20 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2006	12 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2006	25 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO4926	2007	6 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2007	9 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2007	6 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2007	3 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2007	4 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2007	4 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2007	16 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2007	16 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2007	10 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2007	20 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2007	19 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2007	9 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2007	15 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2008	8 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2008	20 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2008	22 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2008	16 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2008	7 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2008	4 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2009	13 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2009	16 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2009	14 Present

Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2009	17 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2009	10 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2009	9 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2009	3 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2009	4 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2009	15 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2009	30 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2009	25 Present
Hedge Accentor	Prunella modularis	BAmb, Bern2	SO5024	2009	23 Present
Common Frog	Rana temporaria	HBAPCC, WCA5/9.5a, WCA5/9.5b	SO505243	2004	1 Adult
Common Frog	Rana temporaria	HBAPCC, WCA5/9.5a, WCA5/9.5b	SO505243	2004	1 Adult
Common Frog	Rana temporaria	HBAPCC, WCA5/9.5a, WCA5/9.5b	SO505243	2005	1 Adult
Common Frog	Rana temporaria	HBAPCC, WCA5/9.5a, WCA5/9.5b	SO505243	2005	1 Adult
Common Frog	Rana temporaria	HBAPCC, WCA5/9.5a, WCA5/9.5b	SO505243	2005	1 Adult
Lesser Horseshoe Bat	Rhinolophus hipposideros	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492233	2004	Present Roosting
Lesser Horseshoe Bat	Rhinolophus hipposideros	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO494225	2004	1 Droppings

Lesser Horseshoe Bat	Rhinolophus hipposideros	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO494225	2004	8 Roosting
Lesser Horseshoe Bat	Rhinolophus hipposideros	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO494225	2004	20 Roosting
Lesser Horseshoe Bat	Rhinolophus hipposideros	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO494225	2004	8 Present
Lesser Horseshoe Bat	Rhinolophus hipposideros	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO494225	2004	20 Roosting
Lesser Horseshoe Bat	Rhinolophus hipposideros	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO49162339	2005	9 - 11 Roosting
Lesser Horseshoe Bat	Rhinolophus hipposideros	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO49162339	2005	Up to 8 Roosting

Lesser Horseshoe Bat	Rhinolophus hipposideros	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO49162339	2005	4 Roosting
Lesser Horseshoe Bat	Rhinolophus hipposideros	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO49212341	2005	80 Roosting
Lesser Horseshoe Bat	Rhinolophus hipposideros	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO49212341	2005	>100 Roosting
Lesser Horseshoe Bat	Rhinolophus hipposideros	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2005	Present Droppings
Lesser Horseshoe Bat	Rhinolophus hipposideros	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2005	1 In flight
Lesser Horseshoe Bat	Rhinolophus hipposideros	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2005	Present In flight

Lesser Horseshoe Bat	Rhinolophus hipposideros	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2005	Present Droppings
Lesser Horseshoe Bat	Rhinolophus hipposideros	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2005	Present Roosting
Lesser Horseshoe Bat	Rhinolophus hipposideros	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO49172342	2007	30+ Roosting
Lesser Horseshoe Bat	Rhinolophus hipposideros	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO49332339	2007	30+ Roosting
Lesser Horseshoe Bat	Rhinolophus hipposideros	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO49172341	2009	>18 Roosting
Lesser Horseshoe Bat	Rhinolophus hipposideros	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO49172341	2009	1 Roosting

Lesser Horseshoe Bat	Rhinolophus hipposideros	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO49172341	2009	17 Present
Lesser Horseshoe Bat	Rhinolophus hipposideros	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO49172341	2009	29 Roosting
Lesser Horseshoe Bat	Rhinolophus hipposideros	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2009	1+ Droppings
Lesser Horseshoe Bat	Rhinolophus hipposideros	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2009	10 Present
Lesser Horseshoe Bat	Rhinolophus hipposideros	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2009	5 Present
Lesser Horseshoe Bat	Rhinolophus hipposideros	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2009	500 Droppings

Lesser Horseshoe Bat	Rhinolophus hipposideros	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2010	1+ Droppings
Lesser Horseshoe Bat	Rhinolophus hipposideros	Bern2, CMS_A2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO492234	2010	1+ Droppings
Sand Martin	Riparia riparia	BAmb, Bern2, HBAPCC	SO5024	2003	c.12 Present
Whinchat	Saxicola rubetra	BAmb, Bern2, HBAPCC, HBAPSR	SO5024	2004	1 Juvenile; 1 Adult
Whinchat	Saxicola rubetra	BAmb, Bern2, HBAPCC, HBAPSR	SO5024	2004	3 Present
Whinchat	Saxicola rubetra	BAmb, Bern2, HBAPCC, HBAPSR	SO5024	2008	1 Present
Stonechat	Saxicola torquata	Bern2, HBAPCC, HBAPSR	SO5024	2000	2 Present; Present Female; Present Male
Stonechat	Saxicola torquata	Bern2, HBAPCC, HBAPSR	SO5024	2000	2 Present; Present Adult Male; Present Adult Female
Stonechat	Saxicola torquata	Bern2, HBAPCC, HBAPSR	SO4924	2001	1 Present
Stonechat	Saxicola torquata	Bern2, HBAPCC, HBAPSR	SO5024	2001	1 Present; Present Male
Stonechat	Saxicola torquata	Bern2, HBAPCC, HBAPSR	SO5024	2001	2 Present
Stonechat	Saxicola torquata	Bern2, HBAPCC, HBAPSR	SO5024	2001	2 Present; Present Male; Present Female
Stonechat	Saxicola torquata	Bern2, HBAPCC, HBAPSR	SO5024	2001	2 Present; Present Male; Present Female
Stonechat	Saxicola torquata	Bern2, HBAPCC, HBAPSR	SO5024	2002	1 Present; Present Male
Stonechat	Saxicola torquata	Bern2, HBAPCC, HBAPSR	SO5024	2002	1 Present; Present Male
Stonechat	Saxicola torquata	Bern2, HBAPCC, HBAPSR	SO5024	2003	1 Present; Present Male

Stonechat	Saxicola torquata	Bern2, HBAPCC, HBAPSR	SO5024	2004	1 Male; 1 Female
Stonechat	Saxicola torquata	Bern2, HBAPCC, HBAPSR	SO5024	2005	1 Present; Present Female
Stonechat	Saxicola torquata	Bern2, HBAPCC, HBAPSR	SO5024	2005	1 Male; 1 Female
Stonechat	Saxicola torquata	Bern2, HBAPCC, HBAPSR	SO5024	2005	1 Present; Present Male
Stonechat	Saxicola torquata	Bern2, HBAPCC, HBAPSR	SO5024	2006	1 Female
Stonechat	Saxicola torquata	Bern2, HBAPCC, HBAPSR	SO5024	2006	1 Female; 1 Male
Stonechat	Saxicola torquata	Bern2, HBAPCC, HBAPSR	SO5024	2006	2 Male; 2 Female
Stonechat	Saxicola torquata	Bern2, HBAPCC, HBAPSR	SO5024	2007	2 Male; 2 Female
Stonechat	Saxicola torquata	Bern2, HBAPCC, HBAPSR	SO5024	2007	1 Juvenile; 2 Adult
Stonechat	Saxicola torquata	Bern2, HBAPCC, HBAPSR	SO5024	2007	1 Female; 1 Male
Stonechat	Saxicola torquata	Bern2, HBAPCC, HBAPSR	SO5024	2008	1 Female; 2 Male
Stonechat	Saxicola torquata	Bern2, HBAPCC, HBAPSR	SO5024	2008	2 Present
Stonechat	Saxicola torquata	Bern2, HBAPCC, HBAPSR	SO5024	2008	1 Female; 1 Male
Stonechat	Saxicola torquata	Bern2, HBAPCC, HBAPSR	SO5024	2009	1 Present
Green Sandpiper	Tringa ochropus	BAmb, Bern2, CMS_A2, WCA1i	SO5024	1998	1 Present
Green Sandpiper	Tringa ochropus	BAmb, Bern2, CMS_A2, WCA1i	SO5024	2000	1 Present
Green Sandpiper	Tringa ochropus	BAmb, Bern2, CMS_A2, WCA1i	SO5024	2002	1 Present
Green Sandpiper	Tringa ochropus	BAmb, Bern2, CMS_A2, WCA1i	SO5024	2002	1 Present
Great Crested Newt	Triturus cristatus	Bern2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO48952315	2004	2 Breeding Confirmed
Great Crested Newt	Triturus cristatus	Bern2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO505243	2004	1 Juvenile

Great Crested Newt	Triturus cristatus	Bern2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO505243	2005	1 Adult Female
Great Crested Newt	Triturus cristatus	Bern2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO505243	2005	5 Adult
Great Crested Newt	Triturus cristatus	Bern2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO505243	2005	3 Adult
Great Crested Newt	Triturus cristatus	Bern2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO505243	2005	5 Adult
Great Crested Newt	Triturus cristatus	Bern2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO505243	2005	1 Adult
Great Crested Newt	Triturus cristatus	Bern2, HabRegs2, HBAPCC, HBAPPS, HSD2p, HSD4, Sect.41, UKBAP, WCA5/9.4b, WCA5/9.4c, WCA5/9.5a, WCA5/9.5b	SO505243	2005	3 Adult
Redwing Redwing	Turdus iliacus Turdus iliacus	BRed, HBAPCC, WCA1i BRed, HBAPCC, WCA1i	SO5024 SO5024	1998 1999	1 Present 3 Present

Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO5024	2000	12 Present
Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO5024	2000	2 Present
Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO5024	2001	6 Present
Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO5024	2001	9 Present
Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO5024	2002	19 Present
Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO5024	2002	2 Present
Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO5024	2003	7 Present
Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO5024	2003	20 Present
Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO5024	2003	2 Present
Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO5024	2004	67 Present
Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO5024	2004	30 Present
Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO5024	2005	30 Present
Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO5024	2005	20 Present
Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO5024	2005	45 Present
Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO5024	2005	16 Present
Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO5024	2005	19 Present
Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO5024	2006	50 Present
Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO5024	2006	5 Present
Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO5024	2006	42 Present
Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO4926	2007	1 Present
Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO5024	2007	35 Present
Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO5024	2007	28 Present
Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO5024	2007	10 Present
Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO5024	2007	28 Present
Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO5024	2008	17 Present
Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO5024	2009	28 Present
Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO5024	2009	8 Present
Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO5024	2009	2 Present
Redwing	Turdus iliacus	BRed, HBAPCC, WCA1i	SO5024	2009	7 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	1998	30 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	1998	30 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	1999	20 Present

Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	1999	4 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	1999	104 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	1999	1 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	1999	14 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	1999	4 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	1999	56 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2000	51 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2000	70 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2000	c.300 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2000	75 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2000	8 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2001	36 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2001	11 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2001	24 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2001	21 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2002	35 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2002	10 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2002	56 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2002	2 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO4924	2003	65 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2003	25 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2003	60 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2003	26 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2003	29 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2003	75 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2004	25 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2004	90 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2004	3 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2004	3 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2004	5 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2004	38 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2005	90 Present

Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2005	30 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2005	100 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2005	10 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2005	19 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2005	53 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2006	181 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2006	67 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2006	30 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2006	87 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2006	6 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO4924	2007	20 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO4926	2007	1 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2007	c160 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2007	31 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2007	50 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2007	41 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2007	59 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2008	109 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2008	10 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2008	130 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2008	60 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2009	68 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2009	20 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2009	17 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2009	111 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2009	c. 100 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2009	33 Present
Fieldfare	Turdus pilaris	BRed, HBAPCC, WCA1i	SO5024	2009	30 Present
Barn Owl	Tyto alba	BAmb, Bern2, CITESA, HBAPCC, HBAPPS, WCA1i	SO4924	2002	1 Present
Barn Owl	Tyto alba	BAmb, Bern2, CITESA, HBAPCC, HBAPPS, WCA1i	SO4924	2003	1 Present

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## **Appendix 3: Wildlife Legislation**

#### **Badgers**

Under the *Protection of Badgers Act 1992* and the *Wildlife Order (NI) 1985*, it is illegal to:

- wilfully kill, injure, take, possess or cruelly treat a badger or attempt to do so
- intentionally or recklessly damage, destroy or obstruct access to a badger sett (whether or not there is a badger in it at the time)
- disturb a badger while it is occupying a sett
- sell, keep or mark a healthy badger or possess any dead badger or part thereof.

#### **Bats**

Under the Wildlife and Countryside Act 1981, the Wildlife Order (NI) 1985 and the Conservation of Habitats and Species Regulations 2017 (and NI 1995) it is illegal to:

- intentionally or deliberately kill, injure or capture bats
- intentionally, deliberately or recklessly\*disturb bats
- intentionally, deliberately or recklessly\*damage, destroy or obstruct any place used for shelter or protection, ie bat roosts (even if they are not currently occupied)
- possess, sell or transport a bat, or anything derived from it.

#### **Dormice**

Dormice and their habitat are fully protected under the *Wildlife and Countryside Act* 1981 (as amended) and the *Conservation of Habitats and Species Regulations 2017*, making it illegal to:

- intentionally or deliberately kill, injure or capture dormice
- intentionally, deliberately or recklessly\* disturb dormice
- intentionally, deliberately or recklessly\* damage, destroy or obstruct breeding or resting sites or places used for shelter or protection (whether occupied or not)
- possess or transport a dormouse (or any part thereof) unless under licence
- sell or exchange dormice.

## **Otters**

Otters and their habitat are fully protected under the *Wildlife and Countryside Act* 1981 (as amended), the *Wildlife Order (NI)* 1985 and the *Conservation of Habitats* and Species Regulations 2017 and (NI) 1995. It is illegal to:

- intentionally or deliberately kill, injure or capture otters
- intentionally or recklessly\* disturb otters
- intentionally or recklessly\* damage, destroy or obstruct breeding or resting sites or places used for shelter or protection (holts, couches etc) whether occupied or not
- possess or transport an otter (or any part thereof) unless under licence
- sell or exchange otters.

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#### **Water Vole**

Water voles are protected under the *Wildlife and Countryside Act 1981* (Amendment 1998), making it illegal to:

intentionally or deliberately kill, injure or capture water voles

- intentionally or recklessly\* disturb voles
- intentionally or recklessly\* disturb, destroy or obstruct access to any place that water voles use for shelter or protection (whether occupied or not);
- possess or transport a water vole (or any part thereof) unless under licence
- sell or exchange water voles.
- \* The term "recklessly" was added as an amendment to the *Wildlife and Countryside*\*\*Act 1981\* as a result of the \*CROW Act 2000\* this applies to England and Wales only.

#### **Birds**

All wild birds (ie resident, visiting and introduced species) in the UK are protected by law under the *Wildlife and Countryside (WCA) Act 1981 (as amended)*, the *Wildlife (NI) Order 1985, and* the *Wildlife and Countryside (Amendment (Scotland) Regulations 2001*, making it illegal to:

- kill, injure or take any wild bird
- take, damage or destroy the nest of any wild bird while it is being built or in use
- take or destroy the eggs of any wild bird
- possess or control (e.g. for exhibition or sale) any wild bird or egg unless obtained legally.

### Birds that receive special protection

Species listed in *Schedule 1* of the *WCA 1981* and the *Wildlife Order (NI) 1985*, such as the barn owl and peregrine falcon, receive special protection. In addition to the above legislation, it is also illegal to *intentionally or recklessly\** disturb any bird listed on *Schedule 1* while it is nest-building, or at or near a nest containing eggs or young, or to disturb any of its dependent young. Disturbance could occur, for example, through noise caused by construction works in close proximity to the nest. \* The term "recklessly" applies in England and Wales following the *CRoW Act 2000*.

#### White-clawed crayfish

Under the *Wildlife and Countryside Act 1981 (as amended)* it is illegal to *intentionally take (i.e. capture), sell, barter or exchange* white-clawed crayfish.

#### **Great crested newt**

Great crested newts and their habitat are fully protected under the Wildlife and Countryside Act 1981 (as amended), and Conservation of Habitats and Species Regulations 2017. It is illegal to:

• intentionally or deliberately capture, kill or injure great crested newts

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- intentionally, deliberately or recklessly\* damage, destroy or obstruct access to any place used for shelter or protection, including resting or breeding places (occupied or not)
- deliberately, intentionally or recklessly\* disturb great crested newts when in a place of shelter
- sell, barter, exchange or transport or offer for sale great crested newts or parts of them. The legislation covers all life stages: eggs, larvae, juveniles and adults.

## **Widespread Amphibians**

In England, Scotland and Wales the common frog, common toad, smooth newt and palmate newt are all protected against sale, trade etc under the Wildlife and Countryside Act 1981 (as amended).

## Widespread reptiles

All native British reptiles are protected against intentional killing and injury under the Wildlife and Countryside Act 1981 (as amended) and the Wildlife (NI) Order 1985. In England, Scotland and Wales, slow-worm, common lizard, adder and grass snake are also protected against killing, injury and sale, barter or exchange, but their habitats or places of shelter are not specifically protected.

#### **Invertebrates**

Certain invertebrate species are covered by the *Wildlife and Countryside Act (WCA)* 1981 (as amended) and the *Wildlife (NI) Order* 1985 (as amended) and given full protection against killing and injury, damage and/or destruction of their place of shelter, or taking. Other species are protected against sale only. For those species receiving *full protection*, it is

illegal to: • intentionally kill, injure or capture • intentionally or recklessly\* disturb • intentionally or recklessly\* damage, destroy or obstruct places of shelter or

including breeding sites (occupied or not)

- possess or transport an animal (or any part thereof) unless under licence
- sell or exchange animals.

### **Plants**

protection,

Plants are protected by the law. The *Wildlife and Countryside Act 1981 (as amended)* and the *Wildlife (NI) Order 1985* make it an offence for any person who is not "authorised" to intentionally uproot any wild plant. An "authorised" person can be the owner or occupier of the land on which the action is taken, or anybody authorised by them; or any person authorised in writing by the local authority for the area within which the action is taken. In addition, the *Wildlife and Countryside Act* 1981 (as amended) also includes, within *Schedule 8*, in the order of 60 plant species that it is illegal for any person to intentionally pick, uproot or destroy. It also makes it an offence to offer wild bluebell (*Hyacinthoides non-scripta*) bulbs for sale.

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\* In England and Wales, the term "reckless" has been added as an amendment to the

WCA 1981 as result of the CRoW Act 2000.

# The Hedgerow Regulations 1997 (Environment Act 1995)

Under the Hedgerows Regulations it is against the law to remove most countryside hedges without first getting the permission of the local district council. These Regulations were introduced to offer protection to 'Important Hedgerows', as defined by the Regulations, in response to concern at the rapid loss of hedgerows in England and Wales. Various criteria specified within the regulations are used to identify important hedgerows for wildlife, landscape or historical reasons.

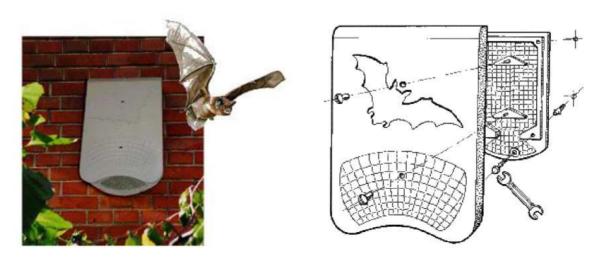
# Appendix 4: Ecological Enhancements

# **BAT ROOSTING FEATURES**

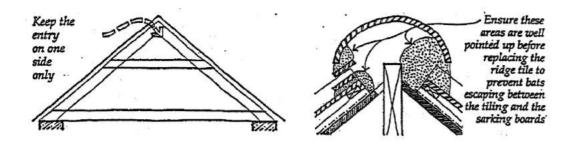




Schwegler 1FF bat box



Schwegler 1WQ Summer & Winter bat box



Diagrammatic view of ridge tile and cross section through ridge tile showing access point (taken from Scottish Natural Heritage 1996)

# **BIRD BOXES**



Swift nest box



Schwegler style bird box



Sparrow terrace box



House Martin terrace box



Swallow cup

#### Worcestershire Wildlife Consultancy 2016/ 128 Land at Whistance Farm, St Weonards, Herefordshire

## Appendix 5: Ecological experience

## Joshua Evans BSc (Hons) MCIEEM Senior Consultancy Ecologist

Joshua joined the team in 2008, previously working as an independent consultant, prior to that he worked for the National Trust and Forestry Commission as an ecological surveyor. For the last 22 years he has worked in both the conservation and consultancy sector. Many of these years were in woodland conservation and management. He is an experienced ecologist with particular expertise in terrestrial invertebrates, amphibians, reptiles and bats and holds Natural England (NE) and Natural Resources Wales licences for bats, dormice, great crested newts, white-clawed crayfish and barn owls.



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Worcestershire Wildlife Consultancy provides an independent professional ecological service, operating throughout the UK but predominantly within the Midlands region, encompassing a broad range of ecological knowledge and skills.

We offer a competitive pragmatic solution based environmental service to the business and development sector, local authorities, public utilities, Natural England and non-governmental organizations (NGOs), as well as individual clients.

Worcestershire Wildlife Consultancy (WWC) has been the consultancy for Worcestershire Wildlife Trust since 1988, providing a wealth of experience to the environmental and ecological sector. All the profits of the ecological Consultancy are donated to Worcestershire Wildlife Trust and used to support its charitable work throughout the County.

Worcestershire Wildlife Consultancy has wide-ranging ecological and environmental expertise and a team of specialist associates allowing us to offer a comprehensive list of ecological services:

- Phase 1 Habitat Surveys
- Protected Species Surveys
- Bat Surveys
- Great Crested Newt Surveys
- Reptile Surveys
- Badger Surveys
- Nesting Bird Surveys
- Breeding Bird Surveys
- · Barn Owl surveys
- Otter & Water Vole Surveys
- Dormouse Surveys
- Invertebrate surveys
- Small Mammal Surveys
- Botanical Surveys (incl. NVC National Vegetation Survey)
- Hedgerow Surveys
- Invasive Weed Surveys

- Protected Species Licence Applications
- Ecological Clerk of Works
- Mitigation Advice & Implementation
- Monitoring Botanical & Wildlife
- BREEAM Assessments (incl. Code for Sustainable Homes - CSH)
- Ecological Impact Assessments (EcIA)
- Ecological Planning Advice
- GIS Analysis
- Pond Surveys
- River Corridor Surveys
- Habitat Management Plans
- Habitat Creation/Restoration Advice & Implementation
- Arboricultural Surveys
- Training





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