

## 1. SNA details

<b>SNA name:</b>	Taddiport to Lockshill
<b>SNA unique number:</b>	400
<b>SNA area (ha):</b>	2,383.58



## 2. Summary of nature conservation interest

### Priority BAP habitats:

<b>Main Regional Nature Map habitat:</b>	Woodland
<b>Other Regional Nature Map habitat(s):</b>	
<b>Other UK BAP habitats:</b>	Purple moor grass and rush pasture, upland mixed ashwoods, upland oakwood, wet woodland, hedges, rivers.

There are many sites from the ancient woodland inventory that occur within this SNA, many of which still have semi-natural broadleaved woodland occurring on them. Hunshaw wood and Halsdon are areas of ancient semi-natural oak woodlands and although there are only 4 County Wildlife Sites within this SNA, aerial photos (2006) show further areas of likely ancient semi-natural broadleaved woodland yet to be surveyed that are potential County Wildlife Sites. There are also some areas of wet woodland and culm grassland alongside the River Torridge which runs through the centre of this SNA and some areas of unimproved acid and neutral grassland.

<b>Important species or species assemblage</b>	<b>Status</b>
Ancient woodland indicator plants e.g. at Hunshaw wood: yellow archangel, goldenrod, Tutsan.	
Devon notable plants associated with purple moor grass & rush pasture e.g. Wavy St. John's Wort, Ivy-leaved Bellflower.	Devon Notable plant species
Common Dormouse	S.41; DBAP
Otters and water voles	S.41; DBAP
Bats e.g. Brown Long-eared bat	S.41
Woodland Breeding birds e.g. all 3 woodpeckers, wood warbler, pied flycatcher found at Halsdon.	S.41 (Wood Warbler) Red (Lesser Spotted Woodpecker) Amber (Green Woodpecker, Wood Warbler)
Nesting Dipper and Kingfisher along the River Torridge	Amber (kingfisher)
Woodland butterflies and moths e.g. Purple Hairstreak, Silver-Washed Fritillary, Speckled wood.	

See Appendix 1 for further species recorded within SNA no 400

## Nature conservation designations

Please refer to a site's formal citation for a complete consideration of the reasons for its designation.

Designation	Site Name	Description
SSSI	Hunshaw Wood	Ancient semi-natural woodland
DWT, SSSI	Halsdon	Mixed deciduous river valley woodland, meadows and culm grassland.

In addition the SNA includes 4 County Wildlife Sites covering habitats including: Ancient semi-natural woodland, broadleaved woodland and wet woodland, woodland with lichen interest, unimproved and semi-improved neutral and acid grassland, scrub, bracken.

There is a Devon Wildlife Trust nature reserve in this SNA: Halsdon which is mixed deciduous river valley woodland, meadows and culm grassland.

There is also 1 Regionally Important Geological Site.

## 3. UK BAP Priority habitat maintenance and restoration targets for SNA no 400 (the measurement unit is hectare unless stated otherwise)

**Maintenance targets** (current extent of habitat) – 100 % favourable condition  
(based on NBN habitat layers)

UK BAP priority habitat	Lowland mixed deciduous woodland	Upland Oak Wood	Upland Mixed Ashwoods	Wet Woodland	Lowland beech & yew woodland	Woodland TOTAL	Coastal & Floodplain grazing marsh	Purple Moor Grass & Rush Pasture	TOTAL
Minimum area *	30	1	4	1		36			36
Maximum area #	47	1	4	1	363 <sup>♦</sup>	416	10	3	429

\* current extent of habitat = a + b

a) sum of all the areas of criterion 1 polygons

b) number of criterion 2 polygons multiplied by the minimum mappable unit for that habitat

[criterion 3 polygons not included]

# current extent of habitat = criterion 1 + criterion 2 + criterion 3

<sup>♦</sup> The accuracy of this habitat data is questionable as this habitat type is not usually found in Devon. These areas of woodland are more likely to be lowland mixed deciduous woodland.

## **Theoretical restoration/creation targets using Rebuilding Biodiversity (RB) methodology:**

The Rebuilding Biodiversity in the South West Technical Manual, November 2005 suggests the following targets for a Strategic Nature Area profile where the priority habitat is semi-natural broadleaved woodland:

- 30% cover of priority habitat
- 30% cover of other semi-natural habitat
- 40% cover of other land uses.

*This SNA profile will be further developed as follows:*

### **4. Opportunities for habitat restoration and creation in the SNA**

This is an optional but desirable section to be completed by local experts and which would outline the practical opportunities for habitat restoration and creation on the ground. This may include emphasising the importance of an SNA for habitats additional to the primary one for which it was identified or, indeed, for particular species.

This section can also be used to develop more realistic habitat restoration targets, which could then be used to refine the theoretical targets listed above.

### **5. Constraints to habitat restoration and creation in the SNA**

As above, but in this case outlining the constraints to habitat restoration and creation in the SNA.

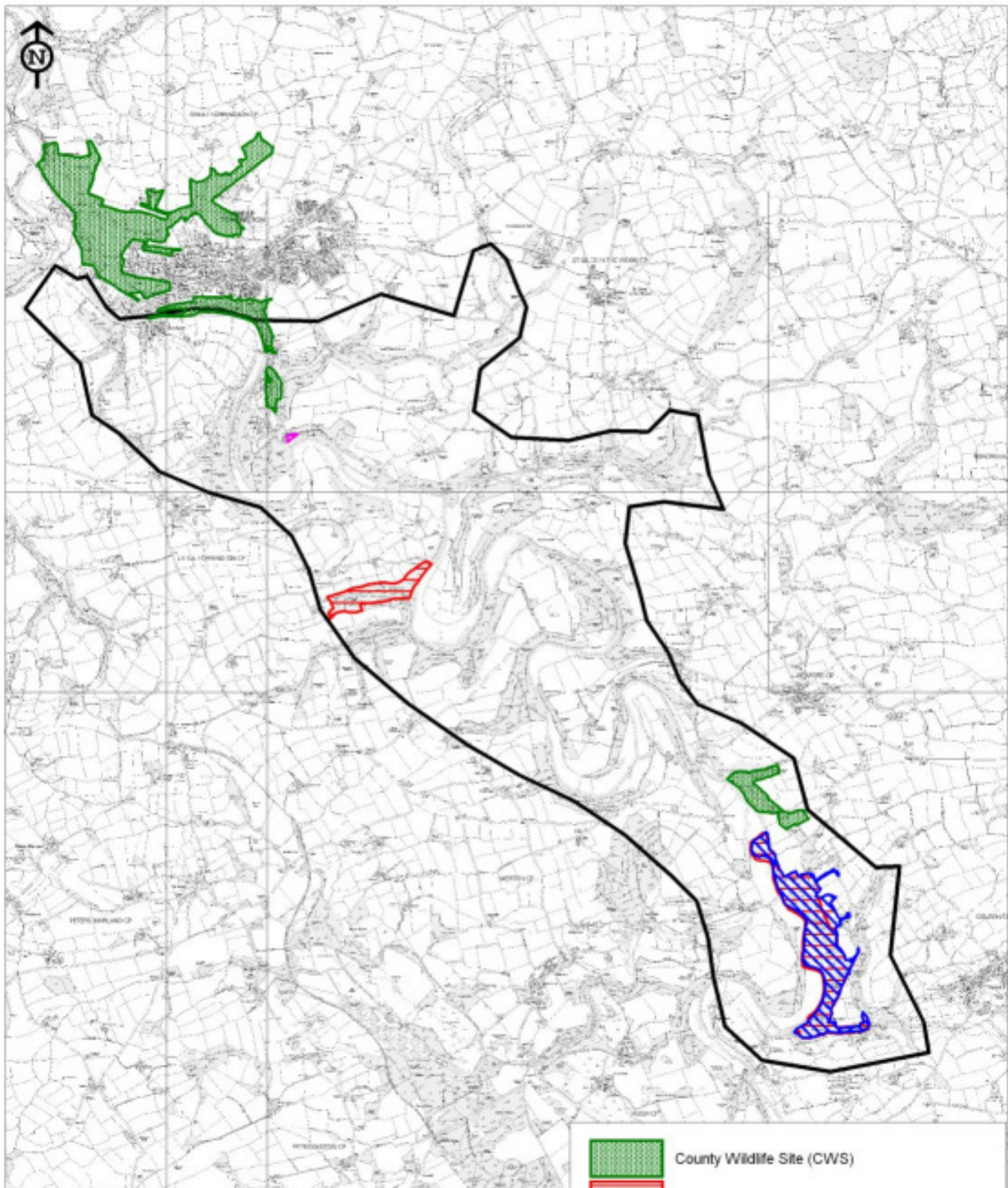
### **6. Other information**

This is another optional section reliant upon local knowledge of the SNA. This section can be used for any other information that might be useful. It may be particularly useful for those SNAs within which there current projects or for which projects are planned.

Contents could include:

- Restoration targets for BAP habitats additional to the main nature map habitat.
- Maps detailing areas for restoration
- Nature conservation objectives
- And so on.

## Designated sites within SNA 400 (2009)



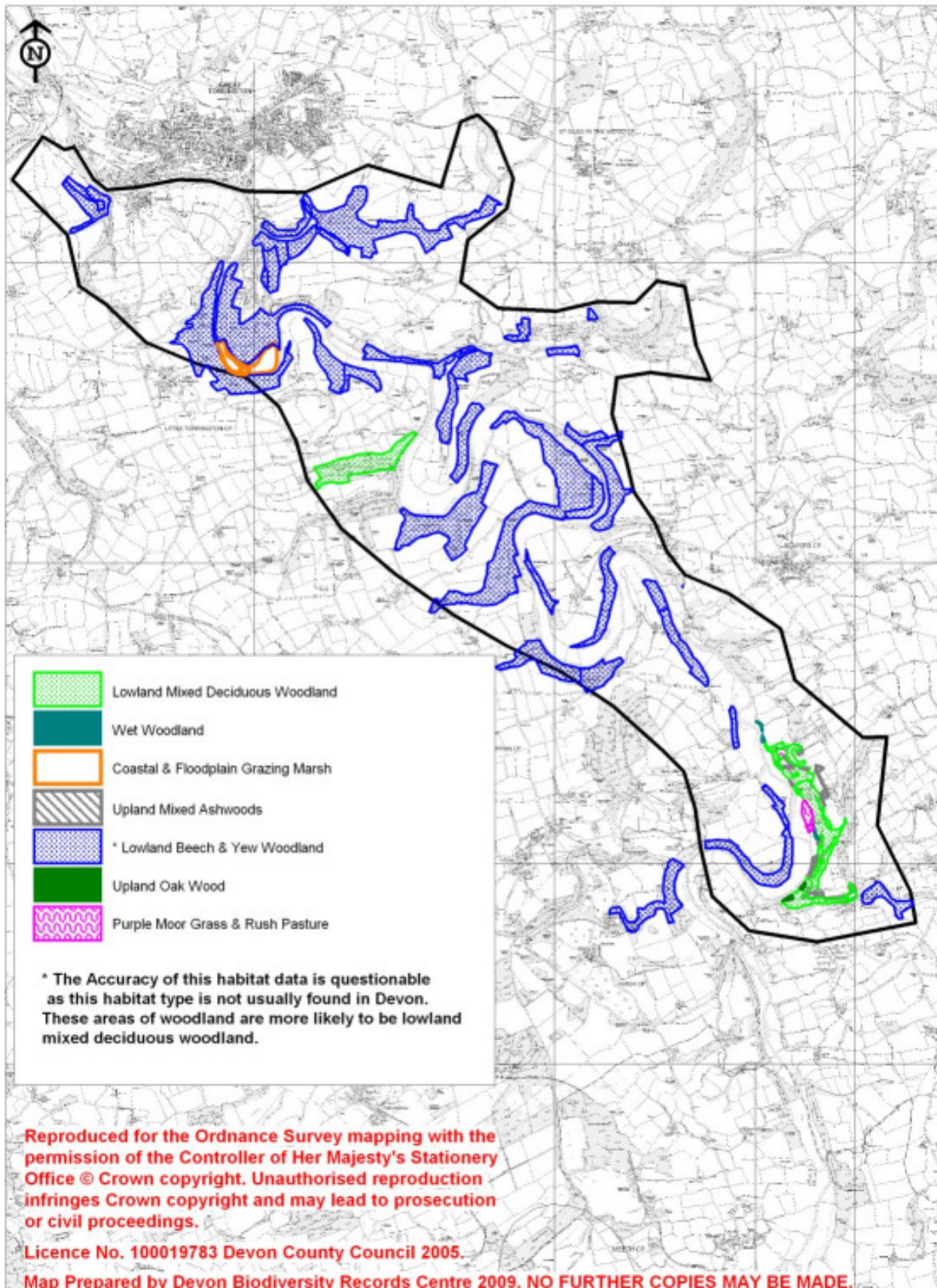
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- |   |   |
|---|---|
|  | County Wildlife Site (CWS)                  |
|  | Site of Special Scientific Interest (SSSI)  |
|  | Regionally Important Geological Site (RIGS) |
|  | Devon Wildlife Trust nature reserve         |

# UKBAP priority habitats within SNA 400 (2009)



**Appendix 1: legally protected and notable species recorded within SNA 400**

<b>Common name</b>	<b>Scientific name</b>	<b>Status</b>
Hedgehog	<i>Erinaceus europaeus</i>	S.41
Pygmy Shrew	<i>Sorex minutus</i>	WCA
Green Hairstreak	<i>Callophrys rubi</i>	Decline
High Brown Fritillary	<i>Argynnis adippe</i>	S.41; RDB2
Dark Green Fritillary	<i>Argynnis aglaja</i>	Decline
Purple Hairstreak	<i>Quercusia quercus</i>	Decline
Small Pearl-bordered Fritillary	<i>Boloria selene</i>	S.41; Decline
Pearl-bordered Fritillary	<i>Boloria euphrosyne</i>	S.41; DBAP; Nb
Small Heath	<i>Coenonympha pamphilus</i>	S.41
Wall Brown	<i>Lasiommata megera</i>	S.41
Marsh Fritillary	<i>Eurodryas aurinia</i>	S.41; DBAP; Nb
Badger	<i>Meles meles</i>	WCA
Otter	<i>Lutra lutra</i>	S.41; DBAP
Common Dormouse	<i>Muscardinus avellanarius</i>	S.41; DBAP
Roe Deer	<i>Capreolus capreolus</i>	WCA
Water Shrew	<i>Neomys fodiens</i>	WCA
Barn Owl	<i>Tyto alba</i>	DBAP; Amber
Cyperus Sedge	<i>Carex pseudocyperus</i>	DN1
Freshwater Pearl Mussel	<i>Margaritifera margaritifera</i>	S.41; DBAP; Nb; Vul
Brown Hairstreak	<i>Thecla betulae</i>	S.41; Nb
Large garden bumblebee	<i>Bombus ruderatus</i>	S.41
Brown Long-eared Bat	<i>Plecotus auritus</i>	S.41
Pipistrelle	<i>Pipistrellus pipistrellus</i>	WCA
Hay-scented Buckler-fern	<i>Dryopteris aemula</i>	DN3
Primrose	<i>Primula vulgaris</i>	DBAP
Adder's-tongue	<i>Ophioglossum vulgatum</i>	DN1
Annual Vernal-grass	<i>Anthoxanthum aristatum</i>	RDB1
Blue-fruited Water-starwort	<i>Callitriche obtusangula</i>	DN1
Grizzled Skipper	<i>Pyrgus malvae</i>	S.41; Decline
Bastard Balm	<i>Melittis melissophyllum</i>	S.41; NS; DN2
Wood Club-rush	<i>Scirpus sylvaticus</i>	DN3
Willow Tit	<i>Parus montanus</i>	Red
Multi-fruited River-moss	<i>Cryphaea lamyana</i>	S.41
Kingfisher	<i>Alcedo atthis</i>	Amber
Little Egret	<i>Egretta garzetta</i>	Amber
a rove beetle	<i>Hydrosmectina septentrionum</i>	N
a ground beetle	<i>Tachys parvulus</i>	Nb
Green Sandpiper	<i>Tringa ochropus</i>	Amber
Alternate Water-Milfoil	<i>Myriophyllum alterniflorum</i>	DN2
Sand Martin	<i>Riparia riparia</i>	Amber
White-Legged Damselfly	<i>Platycnemis pennipes</i>	Nb; KeyD (N)
a scavenger water beetle	<i>Helophorus arvernicus</i>	Nb
a small water beetle	<i>Hydraena rufipes</i>	Nb
Mistle Thrush	<i>Turdus viscivorus</i>	Amber
Cornflower	<i>Centaurea cyanus</i>	S.41; NS; DN1; DR
Skylark	<i>Alauda arvensis</i>	S.41; Red
Snowdrop	<i>Galanthus nivalis</i>	WCA
Wild Service-Tree	<i>Sorbus torminalis</i>	DN2
Song Thrush	<i>Turdus philomelos</i>	S.41; Red
Wavy St. John's-Wort	<i>Hypericum undulatum</i>	NS; DN2

Common name	Scientific name	Status
Waved Carpet	<i>Hydrelia sylvata</i>	Na
Dot Moth	<i>Melanchra persicariae</i>	S.41
Double Line	<i>Mythimna turca</i>	Na
Grey Dagger	<i>Acronicta psi</i>	S.41
Ivy-leaved Bellflower	<i>Wahlenbergia hederacea</i>	DN3
Marsh Cinquefoil	<i>Potentilla palustris</i>	DN3
Bullfinch	<i>Pyrrhula pyrrhula</i>	S.41; Red
Common Frog	<i>Rana temporaria</i>	WCA
Common Shrew	<i>Sorex araneus</i>	WCA
Common Toad	<i>Bufo bufo</i>	S.41
Dunnock	<i>Prunella modularis</i>	Amber
Fallow Deer	<i>Dama dama</i>	WCA
Goldcrest	<i>Regulus regulus</i>	Amber
Grass Snake	<i>Natrix natrix</i>	S.41
Green Woodpecker	<i>Picus viridis</i>	Amber
Grey Wagtail	<i>Motacilla cinerea</i>	Amber
Kestrel	<i>Falco tinnunculus</i>	Amber
Lesser Spotted Woodpecker	<i>Dendrocopos minor</i>	Red
Marsh Tit	<i>Parus palustris</i>	Red
Red Deer	<i>Cervus elaphus</i>	WCA
Smooth Newt	<i>Triturus vulgaris</i>	WCA
Tubular Water-dropwort	<i>Oenanthe fistulosa</i>	S.41; DN1; DR
Viviparous Lizard	<i>Lacerta vivipara</i>	S.41
Woodcock	<i>Scolopax rusticola</i>	Amber
Adder	<i>Vipera berus</i>	S.41
Cormorant	<i>Phalacrocorax carbo</i>	Amber
Hobby	<i>Falco subbuteo</i>	WCA
House Martin	<i>Delichon urbica</i>	Amber
Peregrine	<i>Falco peregrinus</i>	Amber
Swallow	<i>Hirundo rustica</i>	Amber
Sallow	<i>Xanthia icteritia</i>	S.41
Reed Sweet-grass	<i>Glyceria maxima</i>	DN2
Brown Sedge	<i>Carex disticha</i>	DN1
Whitebeam	<i>Sorbus devoniensis</i>	DBAP; NS; DN1
Small Phoenix	<i>Ecliptopera silaceata</i>	S.41
Cloaked Carpet	<i>Euphyia biangulata</i>	Nb
Knotgrass	<i>Acronicta rumicis</i>	S.41
Lackey	<i>Malacosoma neustria</i>	S.41
Rosy Minor	<i>Mesoligia literosa</i>	S.41
Rustic	<i>Hoplodrina blanda</i>	S.41
Shaded Broad-bar	<i>Scotopteryx chenopodiata</i>	S.41
Yellowhammer	<i>Emberiza citrinella</i>	S.41; Red
a Beetle	<i>Tachys parvulus</i>	Nb
a Fly	<i>Athyroglossa ordinata</i>	pRDB1
a Cranefly	<i>Cheilotrichia imbuta</i>	Nb
a Horsefly	<i>Tabanus cordiger</i>	Nb
Corn Chamomile	<i>Anthemis arvensis</i>	DN3
Corncockle	<i>Agrostemma githago</i>	DN1; ext in Wild
Fig-Leaved Goosefoot	<i>Chenopodium ficifolium</i>	DN1; DR
Red Goosefoot	<i>Chenopodium rubrum</i>	DN1; DR
Tall Rocket	<i>Sisymbrium altissimum</i>	DN1; DR
Grey Partridge	<i>Perdix perdix</i>	S.41; Red
Night-Scented Catchfly	<i>Silene noctiflora</i>	DN1; DR
Redwing	<i>Turdus iliacus</i>	Amber

<b>WCA</b>	<b>Wildlife and Countryside Act (1981)</b>
<b>S.41</b>	<b>Species or habitat of principal importance in England (i.e. English BAP priority species / habitat)</b> – see Section 41 of the Natural Environment and Rural Communities Act (2006).
<b>DBAP</b>	<b>Devon Biodiversity Action Plan species:</b> these have been identified as species of key conservation concern in Devon.
<b>NS</b>	<b>Nationally Scarce:</b> 15-100 10km squares in Atlas of British Flora 1962.
	<b>Devon Notable Species:</b> species recorded from 2km squares in the Atlas of Devon Flora 1984 (R.B. Ivimey-Cook, Department of Biological Sciences, The University of Exeter).
<b>DN1</b>	<b>Devon Notable<sup>1</sup>:</b> 1-25 2 km squares in Atlas of Devon Flora 1984.
<b>DN2</b>	<b>Devon Notable<sup>2</sup>:</b> 26-50 2 km squares in Atlas of Devon Flora 1984.
<b>DN3</b>	<b>Devon Notable<sup>3</sup>:</b> Selected species recorded from over 50 2 km squares in Atlas of Devon Flora 1984.
<b>DR</b>	<b>Devon Rarity:</b> native species recorded from 3 or fewer localities within Devon.
<b>Na</b>	<b>Nationally Notable A:</b> known from 30 or fewer 10km squares. Taken from the Invertebrate Site Register.
<b>Nb</b>	<b>Nationally Notable B:</b> known from 100 or fewer 10km squares. Taken from the Invertebrate Site Register.
<b>Decline</b>	Substantial local decline in Devon
<b>Red List</b>	Bird species of high conservation concern, such as those whose population or range is rapidly declining, recently or historically, and those of global conservation concern.
<b>Amber List</b>	Bird species of medium conservation concern, such as those whose population is in moderate decline, rare breeders, internationally important and localised species and those of unfavourable conservation status in Europe.
<b>pRDB1</b>	<b>Red Data Book 1:</b> Endangered. Taxa in danger of extinction and whose survival is unlikely if the casual factors continue to operate. Included are taxa whose numbers have been reduced to a critical level or whose habitat has been so drastically reduced that they are deemed to be in immediate danger. Also included are taxa which are believed to have become extinct recently, but if rediscovered will need special protection.
<b>RDB2</b>	<b>Red Data Book 2:</b> Vulnerable. Taxa believed likely to move into the endangered category in the near future if casual factors continue to operate. Includes taxa which are still abundant but are under threat from serious adverse factors throughout their range.
<b>VULNERABLE (VUL)</b>	A taxon is Vulnerable when the best available evidence indicates that it meets any of the criteria A to E for Vulnerable (see <a href="#">Red List Categories and Criteria booklet</a> for details), and it is therefore considered to be facing a <b>high risk of extinction</b> in the wild.