

1. SNA details

SNA name:	Avon Valley
SNA unique number:	377
SNA area (ha):	3,464.26



2. Summary of nature conservation interest

Priority BAP habitats

Main Regional Nature Map habitat:	Woodland
Other Regional Nature Map habitat(s):	
Other UK BAP habitats:	Purple Moor Grass & Rush Pasture, Lowland Meadows, Lowland Dry Acid Grassland, Wet Woodland, lowland Heathland, Hedges, Rivers.

An area of undulating farmland in the South Devon AONB. The River Avon runs through the middle of this SNA along the valley bottom. Areas of semi-natural broadleaved woodland occur on the steep valley sides and wooded coombes, many of which are on the ancient woodland inventory. There are also areas of purple moor grass and rush pasture, lowland heathland, lowland dry acid grassland, lowland meadows and wet woodland.

Important species or species assemblage	Status
Rare plants found in Andrew's wood SSSI and nature reserve e.g. Heath Lobelia (largest know colony in Britain), Monk's wood.	Devon Notable species (Heath Lobelia) Nationally scarce (Monk's wood)
Woodland birds e.g. Green Woodpecker, Woodlark, Spotted Flycatcher.	S. 41 (Woodlark, Spotted Flycatcher) Red (Spotted Flycatcher) Amber (Green Woodpecker, Woodlark)
Bats e.g. Lesser & Greater Horseshoe, Barbastelle, Brown Long-eared.	S. 41 (all) DBAP (Greater Horseshoe)
Common Dormouse	S. 41, DBAP
Otter	S. 41, DBAP
Butterflies and moths at Andrew's wood e.g. Small Pearl-bordered Fritillary, Buff Ermine.	S. 41
Butterflies and other invertebrates associated with lowland meadows e.g. Great Green Bush Cricket.	DBAP
Farmland birds e.g. Barn Owl	DBAP Amber

See Appendix 1 for further species recorded within this SNA.

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	Andrew's Wood	Ancient semi- natural and secondary broadleaved woodland and marshy grassland

There is a Devon Wildlife Trust nature reserve: Andrew's Wood in this SNA.

Most of this SNA lies within the South Devon Area of Outstanding Natural Beauty (AONB).

In addition the SNA includes 27 County Wildlife Sites covering habitats including: Ancient semi-natural woodland, secondary broadleaved woodland, semi-improved & unimproved neutral grassland, marshy grassland, unimproved acidic grassland, wet heath, parkland and rush pasture.

There are 3 Regionally Important Geological Sites (RIGS) within this SNA.

3. UK BAP Priority habitat maintenance and restoration targets for SNA no 377

(the measurement unit is hectare unless stated otherwise and is rounded up/down)

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

UK BAP priority habitat	Purple Moor Grass & Rush Pasture	Lowland Mixed Deciduous Woodland	Wet Woodland	Woodland Total	Lowland Meadows	Lowland Heathland	Lowland Dry Acid Grassland	TOTAL
Minimum area *		18	0.87	18.87				18.87
Maximum area #	6	375	0.87	381.87	28	8	14	431.87

* 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

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

The Rebuilding Biodiversity in the South West Technical Manual, November 2005 suggests the following restoration/creation 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 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.

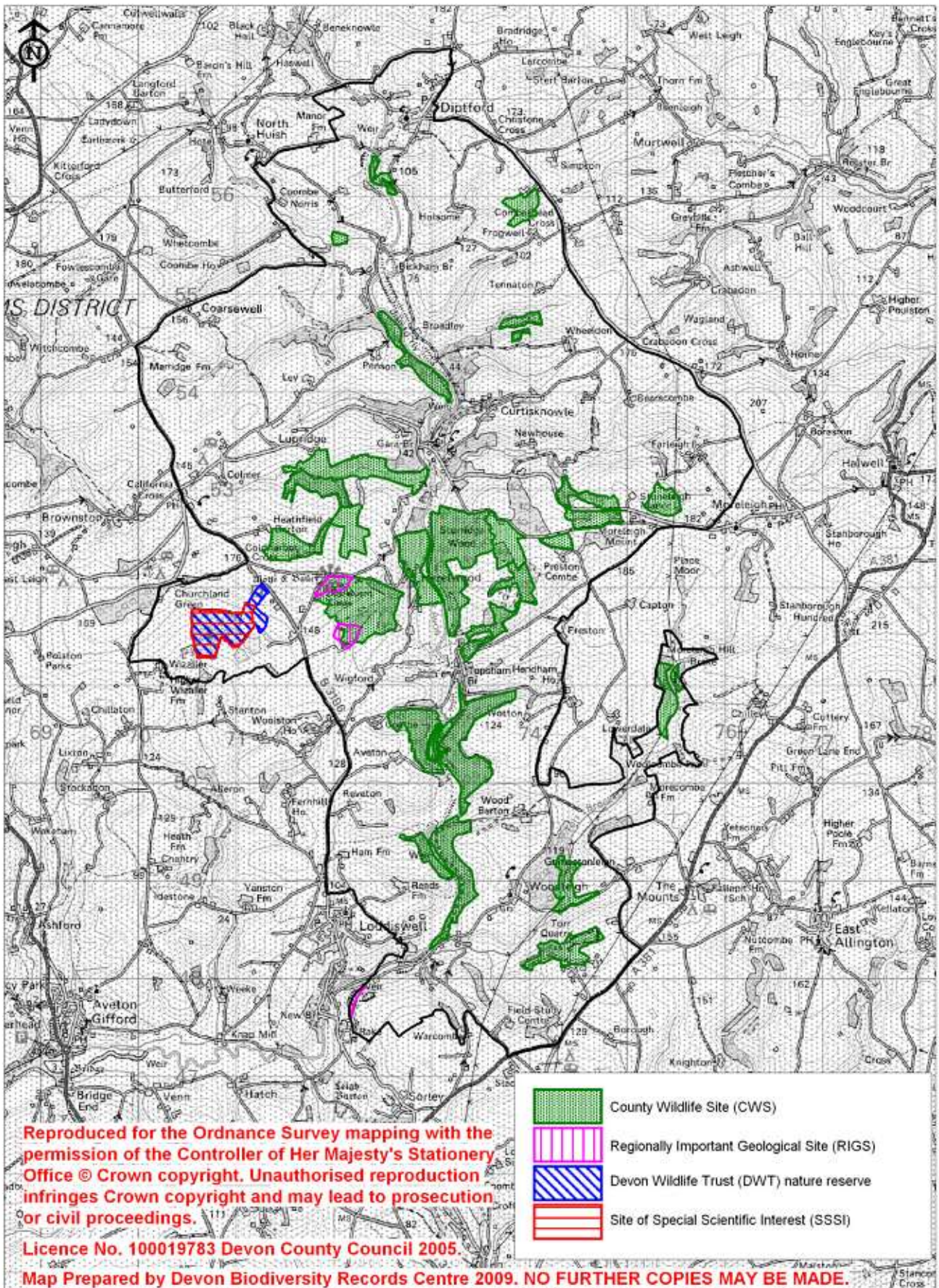
6. Other information

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.

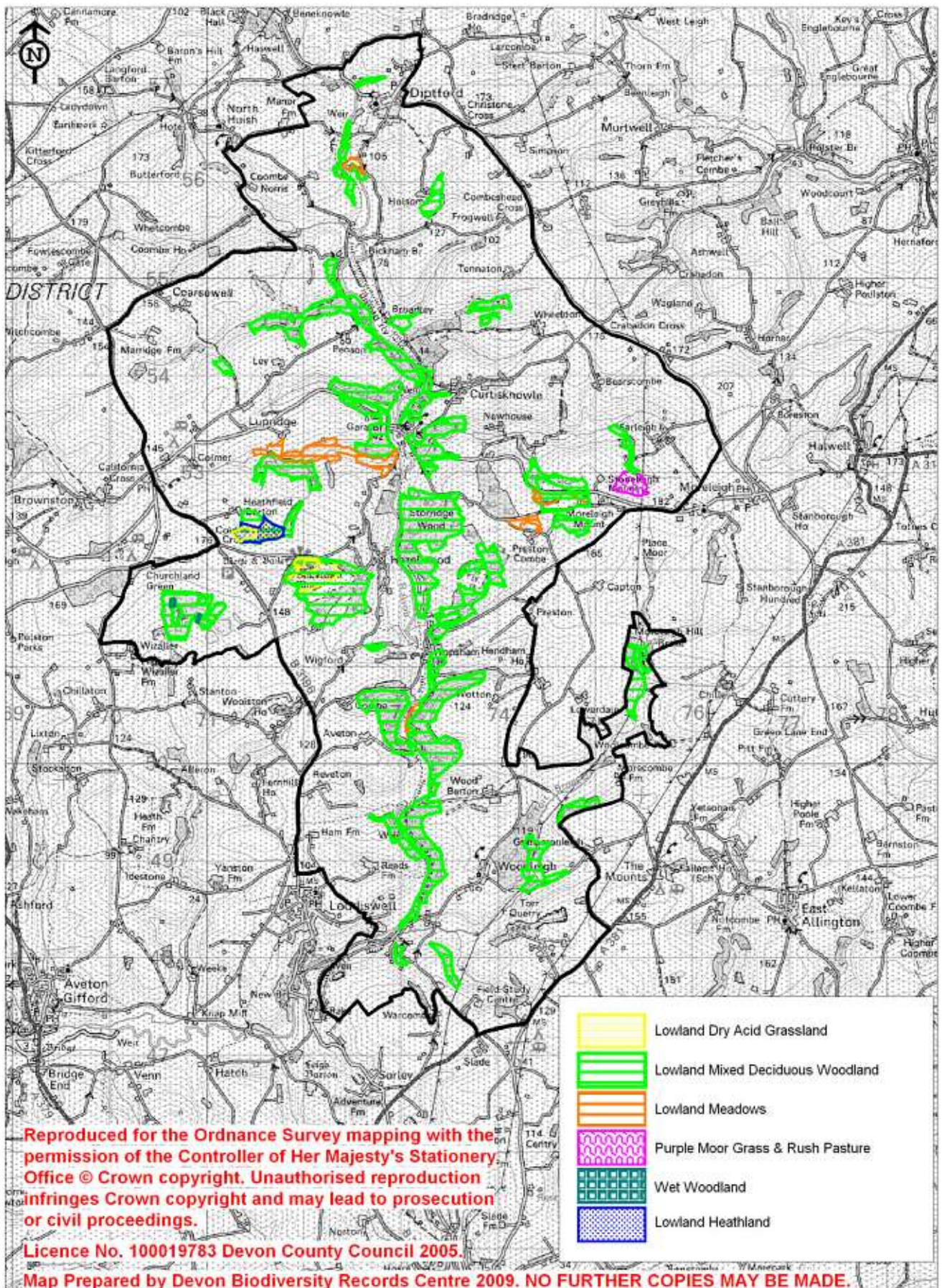
Contents could include:

- 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 no 377 (2009)



Selected UKBAP priority habitats within SNA no 377 (2009)



Appendix 1: legally protected & notable species recorded within SNA no 377

Common name	Scientific name	Status
Common Dormouse	<i>Muscardinus avellanarius</i>	S. 41; DBAP
Monk's-Hood	<i>Aconitum napellus</i> agg.	NS
Heath Lobelia	<i>Lobelia urens</i>	DN1; DR; vul
Royal Fern	<i>Osmunda regalis</i>	DN3
Wall Brown	<i>Lasiommata megera</i>	S. 41
Hay-Scented Buckler-Fern	<i>Dryopteris aemula</i>	DN3
Common Frog	<i>Rana temporaria</i>	WCA
Small Phoenix	<i>Ecliptopera silaceata</i>	S. 41
Purple Hairstreak	<i>Quercusia quercus</i>	Decline
Devon Carpet	<i>Lampropteryx otregiata</i>	Nb
Small Square-Spot	<i>Diarsia rubi</i>	S. 41
Buff Ermine	<i>Spilosoma luteum</i>	S. 41
Viviparous Lizard	<i>Lacerta vivipara</i>	S. 41
Wryneck	<i>Jynx torquilla</i>	S. 41; Red
Brown Hare	<i>Lepus europaeus</i>	S. 41; DBAP
Badger	<i>Meles meles</i>	WCA
Roe Deer	<i>Capreolus capreolus</i>	WCA
Brown Long-Eared Bat	<i>Plecotus auritus</i>	S. 41
Cuckoo	<i>Cuculus canorus</i>	S. 41; Amber
Bullfinch	<i>Pyrrhula pyrrhula</i>	S. 41; Red
Song Thrush	<i>Turdus philomelos</i>	S. 41; Red
Goldcrest	<i>Regulus regulus</i>	Amber
Mistle Thrush	<i>Turdus viscivorus</i>	Amber
Marsh Tit	<i>Parus palustris</i>	Red
Spotted Flycatcher	<i>Muscicapa striata</i>	S. 41; Red
Willow Warbler	<i>Phylloscopus trochilus</i>	Amber
Dunnock	<i>Prunella modularis</i>	Amber
Tree Pipit	<i>Anthus trivialis</i>	S. 41; Amber
Grasshopper Warbler	<i>Locustella naevia</i>	S. 41; Red
Green Woodpecker	<i>Picus viridis</i>	Amber
Lesser Spotted Woodpecker	<i>Dendrocopos minor</i>	Red
Whiskered Bat	<i>Myotis mystacinus</i>	WCA
Primrose	<i>Primula vulgaris</i>	DBAP
Lenormand's Water Crowfoot	<i>Ranunculus omiophyllus</i>	DN1
Ivy-Leaved Bellflower	<i>Wahlenbergia hederacea</i>	DN3
Water Germander	<i>Teucrium scordium</i>	S. 41; DN1; DR; vul
Grey Dagger	<i>Acronicta psi</i>	S. 41
Dotted Carpet	<i>Alcis jubata</i>	Nb
Rustic	<i>Hoplodrina blanda</i>	S. 41
Dot Moth	<i>Melanchra persicariae</i>	S. 41
Lackey	<i>Malacosoma neustria</i>	S. 41
Fringed Water-Lily	<i>Nymphoides peltata</i>	NS; DN1; DR
Yellow Bartsia	<i>Parentucellia viscosa</i>	DN2
Floating Spike-Rush	<i>Eleogiton fluitans</i>	DN2
Green Hairstreak	<i>Callophrys rubi</i>	Decline
Stock Dove	<i>Columba oenas</i>	Amber
Swallow	<i>Hirundo rustica</i>	Amber
Great Green Bush Cricket	<i>Tettigonia viridissima</i>	DBAP
Barn Owl	<i>Tyto alba</i>	DBAP; Amber
Linnet	<i>Carduelis cannabina</i>	S. 41; Red
Marsh Valerian	<i>Valeriana dioica</i>	DN3
Skylark	<i>Alauda arvensis</i>	S. 41; Red

Common name	Scientific name	Status
Woodland Grasshopper	Omocestus rufipes	Nb
House Sparrow	Passer domesticus	S. 41; Red
White Admiral	Ladoga camilla	Decline
Great Burnet	Sanguisorba officinalis	DN3
Cornish Moneywort	Sibthorpia europaea	NS; DN3
Pipistrelle	Pipistrellus pipistrellus	WCA
Otter	Lutra lutra	S. 41; DBAP
Lesser Horseshoe Bat	Rhinolophus hipposideros	S. 41
Barbastelle bat	Barbastella barbastellus	S. 41
Kestrel	Falco tinnunculus	Amber
Small Heath	Coenonympha pamphilus	S. 41
Natterer's Bat	Myotis nattereri	WCA
Snowdrop	Galanthus nivalis	WCA
Grey Wagtail	Motacilla cinerea	Amber
Corky-Fruited Water-Dropwort	Oenanthe pimpinelloides	DN3
Usnea articulata	Usnea articulata	S. 41
Common Toad	Bufo bufo	S. 41
Greater Horseshoe Bat	Rhinolophus ferrumequinum	S. 41; DBAP
Grass Snake	Natrix natrix	S. 41
Adder	Vipera berus	S. 41
Merlin	Falco columbarius	Amber
Pearl-bordered Fritillary	Boloria euphrosyne	S. 41; DBAP; Nb
Peregrine	Falco peregrinus	Amber
Stoat	Mustela erminea	WCA
Willow Tit	Parus montanus	Red
Reed Bunting	Emberiza schoeniclus	S. 41; Red
Grey Partridge	Perdix perdix	S. 41; Red
Meadow Pipit	Anthus pratensis	Amber

WCA

Wildlife and Countryside Act (1981)

S. 41

Species of principal importance in England (i.e. English BAP priority species) – see Section 41 of the Natural Environment and Rural Communities Act (2006).

DBAP

Devon Biodiversity Action Plan species: these have been identified as species of key conservation concern in Devon.

NS

Nationally Scarce: 15-100 10km squares in Atlas of British Flora 1962.

Devon Notable Species: Selected species recorded from over 50 2km squares in the Atlas of Devon Flora 1984 (R.B. Ivimey-Cook, Department of Biological Sciences, The University of Exeter).

DN1

Devon Notable¹: 1-25 2 km squares in Atlas of Devon Flora 1984.

DN2

Devon Notable²: 26-50 2 km squares in Atlas of Devon Flora 1984.

DN3

Devon Notable³: Selected species recorded from over 50 2 km squares in Atlas of Devon Flora 1984.

DR

Devon Rarity: native species recorded from 3 or fewer localities within Devon.

Nb

Nationally Notable B: known from 100 or fewer 10km squares. Taken from the Invertebrate Site Register.

Decline

Substantial local decline in Devon

Red List

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.

Amber List

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.