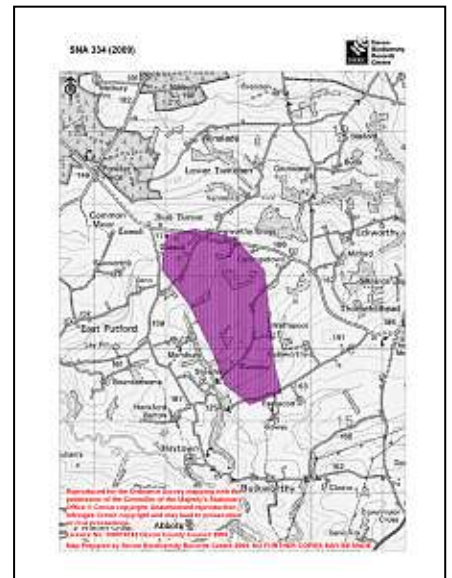


## 1. SNA details

<b>SNA name:</b>	Mambury & Stowford
<b>SNA unique number:</b>	334
<b>SNA area (ha):</b>	233.57



## 2. Summary of nature conservation interest

### Priority BAP habitats:

<b>Main Regional Nature Map habitat:</b>	Purple Moor Grass & Rush Pasture
<b>Other Regional Nature Map habitat(s):</b>	
<b>Other UK BAP habitats:</b>	Fens, Lowland Heathland, Hedges.

This SNA is part of a network of 'Culm' sites that occur along the River Torridge Valley and is included in the culm Special Area of conservation (SAC).

Purple moor grass and rush pasture is found in a mosaic with wet and dry heath communities at Mambury & Stowford Moor and at a County Wildlife Site at Bower Moor.

Important species or species assemblage	Status
Devon notable flowering plants e.g. Petty Whin, Wavy-Leaved St John's Wort, Marsh Cinquefoil.	Devon notable plants
<i>Sorbus devoniensis</i>	DBAP, Nationally Scarce, Devon Notable
Butterfly food plants e.g. Devils Bit Scabious.	
Butterflies e.g. Marsh Fritillary, Small Heath, Marbled White.	S.41 (Small Heath, Marsh Fritillary) DBAP, Nationally notable (Marsh Fritillary)
Moths e.g. Narrow-bordered Bee Hawk-moth.	S.41, Nationally notable
Other invertebrates e.g. dragonflies, damselflies, spiders, flies, beetles.	
Reptiles & Amphibians e.g. Common Frog, Common Toad, Grass Snake, Viviparous Lizard.	S.41 (all except frog)
Mammals e.g. Common Dormouse, Brown Hare, Brown Long-Eared Bat.	S.41 (all) DBAP (Common Dormouse & Brown Hare)
Farmland Birds e.g. Curlew, Barn-Owl, Snipe, Reed Bunting.	S.41 (Reed Bunting) DBAP (Curlew, Barn Owl) Red bird list (Reed Bunting) Amber bird list (Curlew, Barn Owl, Snipe)

See Appendix 1 for full list of species recorded in SNA 334.

## 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
SAC (part of)	Culm grassland	Culm grassland: wet and dry heath, species rich Molinia mire & rush pasture. Plant, bird & invertebrate interest.
SSSI	Mambury and Stowford Moors	Culm grassland, fen meadow and wet heath. Butterfly interest

Mambury and Stowford Moors are also Devon Wildlife Trust nature reserves.

In addition the SNA includes one 'culm grassland' County Wildlife Site.

There are no Regionally Important Geological Sites within this SNA.

## 3. UK BAP Priority habitat maintenance and restoration targets for SNA no 334

(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	Fens	TOTAL
Minimum area *			
Maximum area #	49	40	89

\* current extent of habitat = a + b

a) sum of all the areas of criterion 1 polygons (*Definitely is*)

b) number of criterion 2 polygons multiplied by the minimum mappable unit for that habitat (*Definitely present within polygon but not mappable*)

[criterion 3 polygons not included] (*Probably the Priority Habitat but some uncertainty of interpretation*)

# 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 purple moor grass & rush pasture.

- 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.

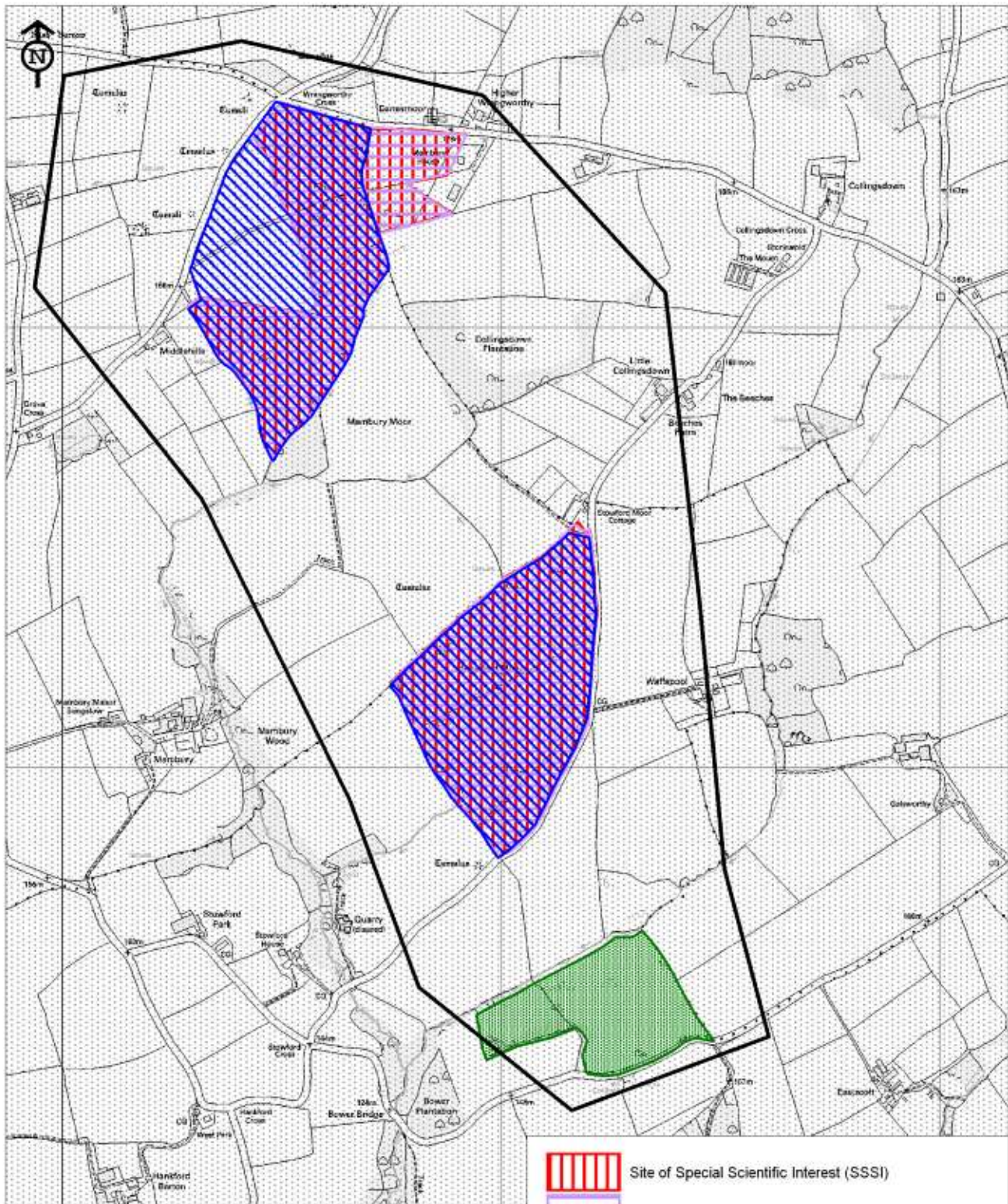
#### **6. Other information**

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 334 (2009)



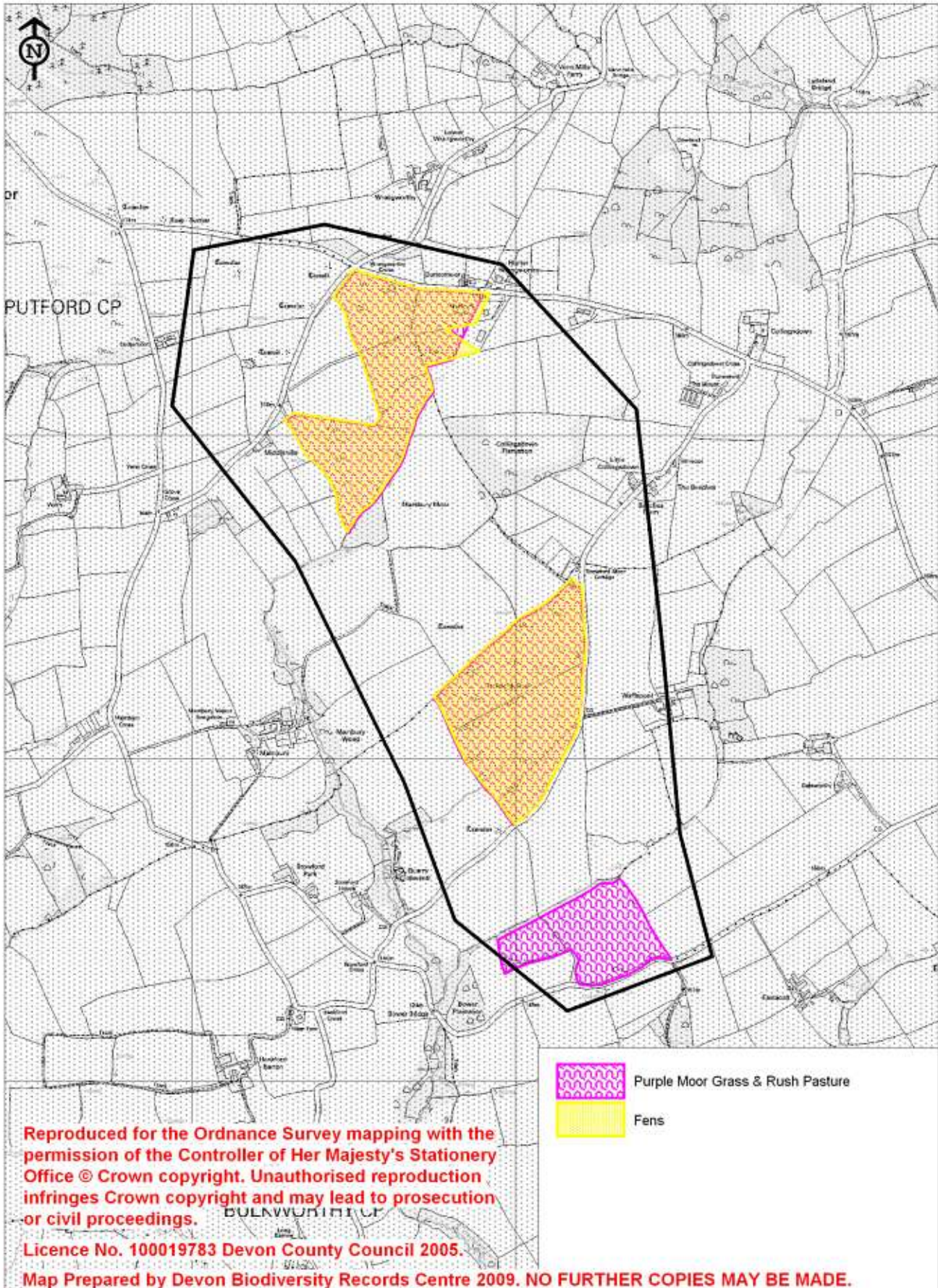
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-  Site of Special Scientific Interest (SSSI)
-  Special Area of Conservation (SAC)
-  County Wildlife Site (CWS)
-  Devon Wildlife Trust (DWT) nature reserve

# Selected UKBAP priority habitats within SNA no 334 (2009)



## Appendix 1: Legally protected & notable species recorded within 334 (2009)

Common name	Scientific name	Status
Adder	<i>Vipera berus</i>	S.41
Badger	<i>Meles meles</i>	WCA
Barn Owl	<i>Tyto alba</i>	DBAP; Amber
Brown Hare	<i>Lepus europaeus</i>	S.41; DBAP
Brown Long-Eared Bat	<i>Plecotus auritus</i>	S.41
Bullfinch	<i>Pyrrhula pyrrhula</i>	S.41; Red
Common Dormouse	<i>Muscardinus avellanarius</i>	S.41; DBAP
Common Frog	<i>Rana temporaria</i>	WCA
Common Shrew	<i>Sorex araneus</i>	WCA
Common Toad	<i>Bufo bufo</i>	S.41
Cuckoo	<i>Cuculus canorus</i>	S.41; Red
Curlew	<i>Numenius arquata</i>	S.41; DBAP; Amber
Dunnock	<i>Prunella modularis</i>	Amber
Fieldfare	<i>Turdus pilaris</i>	Red
French Hales	<i>Sorbus devoniensis</i>	DBAP; NS; DN1
Grass Snake	<i>Natrix natrix</i>	S.41
Grasshopper Warbler	<i>Locustella naevia</i>	S.41; Red
Green Hairstreak	<i>Callophrys rubi</i>	Decline
Harvest Mouse	<i>Micromys minutus</i>	S.41
Herring Gull	<i>Larus argentatus</i>	Red
House Martin	<i>Delichon urbica</i>	Amber
Jack Snipe	<i>Lymnocyptes minimus</i>	Amber
Kestrel	<i>Falco tinnunculus</i>	Amber
Lapwing	<i>Vanellus vanellus</i>	S.41; Red
Marsh Cinquefoil	<i>Potentilla palustris</i>	DN3
Marsh Fritillary	<i>Eurodryas aurinia</i>	S.41; DBAP; Nb
Marsh Tit	<i>Parus palustris</i>	Red
Meadow Pipit	<i>Anthus pratensis</i>	Amber
Narrow-bordered hawk-moth	<i>Hemaris tityus</i>	S.41; Na
Petty Whin	<i>Genista anglica</i>	DN3
Red Deer	<i>Cervus elaphus</i>	DA
Redwing	<i>Turdus iliacus</i>	Red
Reed Bunting	<i>Emberiza schoeniclus</i>	S.41; Amber
Roe Deer	<i>Capreolus capreolus</i>	DA
Skylark	<i>Alauda arvensis</i>	S.41; Red
Small Heath	<i>Coenonympha pamphilus</i>	S.41
Snipe	<i>Gallinago gallinago</i>	Amber
Song Thrush	<i>Turdus philomelos</i>	S.41; Red
Spotted Flycatcher	<i>Muscicapa striata</i>	S.41; Red
Swallow	<i>Hirundo rustica</i>	Amber
Swift	<i>Apus apus</i>	Amber
Tree Pipit	<i>Anthus trivialis</i>	S.41; Red
Viviparous Lizard	<i>Lacerta vivipara</i>	S.41
Wall Brown	<i>Lasiommata megera</i>	S.41
Wavy St. John's-Wort	<i>Hypericum undulatum</i>	NS; DN2
Whitethroat	<i>Sylvia communis</i>	Amber
Willow Warbler	<i>Phylloscopus trochilus</i>	Amber
Yellowhammer	<i>Emberiza citrinella</i>	S.41; Red

<b>WCA</b>	<b>Wildlife and Countryside Act (1981)</b>
<b>DA</b>	<b>Deer Act 1991:</b> deer protected under the Deer Act.
<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>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.