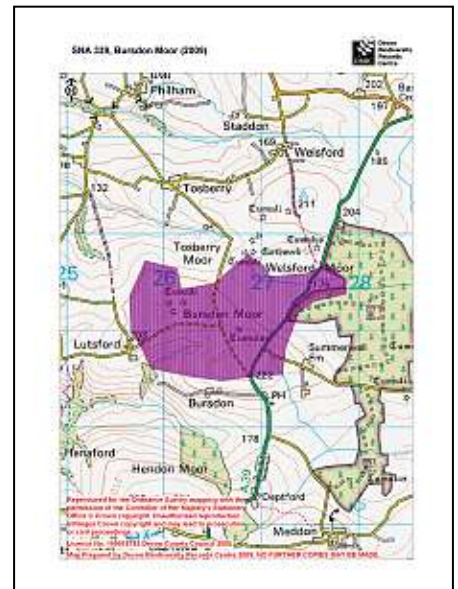


## 1. SNA details

<b>SNA name:</b>	Bursdon Moor
<b>SNA unique number:</b>	339
<b>SNA area (ha):</b>	186.55



## 2. Summary of nature conservation interest

### Priority BAP habitats:

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

This SNA adjoins a network of 'Culm' sites that run along the River Torridge Valley and its tributaries and is included in the culm Special Area of conservation (SAC). It is adjacent to 2 other purple moor grass and rush pasture SNAs: Binworthy to the East and Hendon to the South.

The majority of this SNA is made up of Bursdon Moor, an area of lowland moorland which consists of purple moor grass and rush pasture in a mosaic with wet and dry heath. There are also areas of gorse and bramble scrub.

<b>Important species or species assemblage</b>	<b>Status</b>
Petty Whin	Devon notable plant
Butterfly food plants e.g. Devils Bit Scabious.	
Butterflies e.g. Marsh Fritillary, Pearl-bordered Fritillary, Small Pearl-bordered Fritillary.	S.41 (all) DBAP, Nationally notable (Marsh fritillary and pearl-bordered fritillary)
Lowland moorland breeding birds e.g. Curlew, Nightjar, Skylark, Grasshopper Warbler.	S.41 (Nightjar, Skylark, Grasshopper Warbler) DBAP (Curlew, Nightjar.) Red bird list (Nightjar, Skylark, Grasshopper Warbler) Amber bird list (Curlew)
Common Dormouse	S.41, DBAP
Mosses and lichens e.g. <i>Leucobryum glaucum</i> , <i>Spagnum tenellum</i> , <i>Lophocia ventricosa</i> , <i>Cladonia impexa</i> , <i>Cladonia pyxidata</i> .	
Rare invertebrates e.g. <i>Limnophila pulchella</i> (a crane fly) and <i>Cassida vittata</i> (a leaf beetle)	Nationally scarce
Reptiles and amphibians e.g. Common Frog, Viviparous Lizard, Adder.	S.41 (Viviparous Lizard, Adder)

These species have been recorded in County Wildlife Site (CWS) surveys, the SSSI citation or as incidental records for this SNA. See Appendix 1 for further species recorded in SNA 339.

## 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 (common land)	Bursdon Moor	Lowland moor with wet and dry heath and herb-rich marshy grassland.

This SNA is within North Devon Area of Outstanding Natural Beauty (AONB).

In addition the SNA includes 1 '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 339

(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 and Rush Pasture	Lowland Heathland	TOTAL
Minimum area *	0.5		0.5
Maximum area #	149	132	281

\* 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.

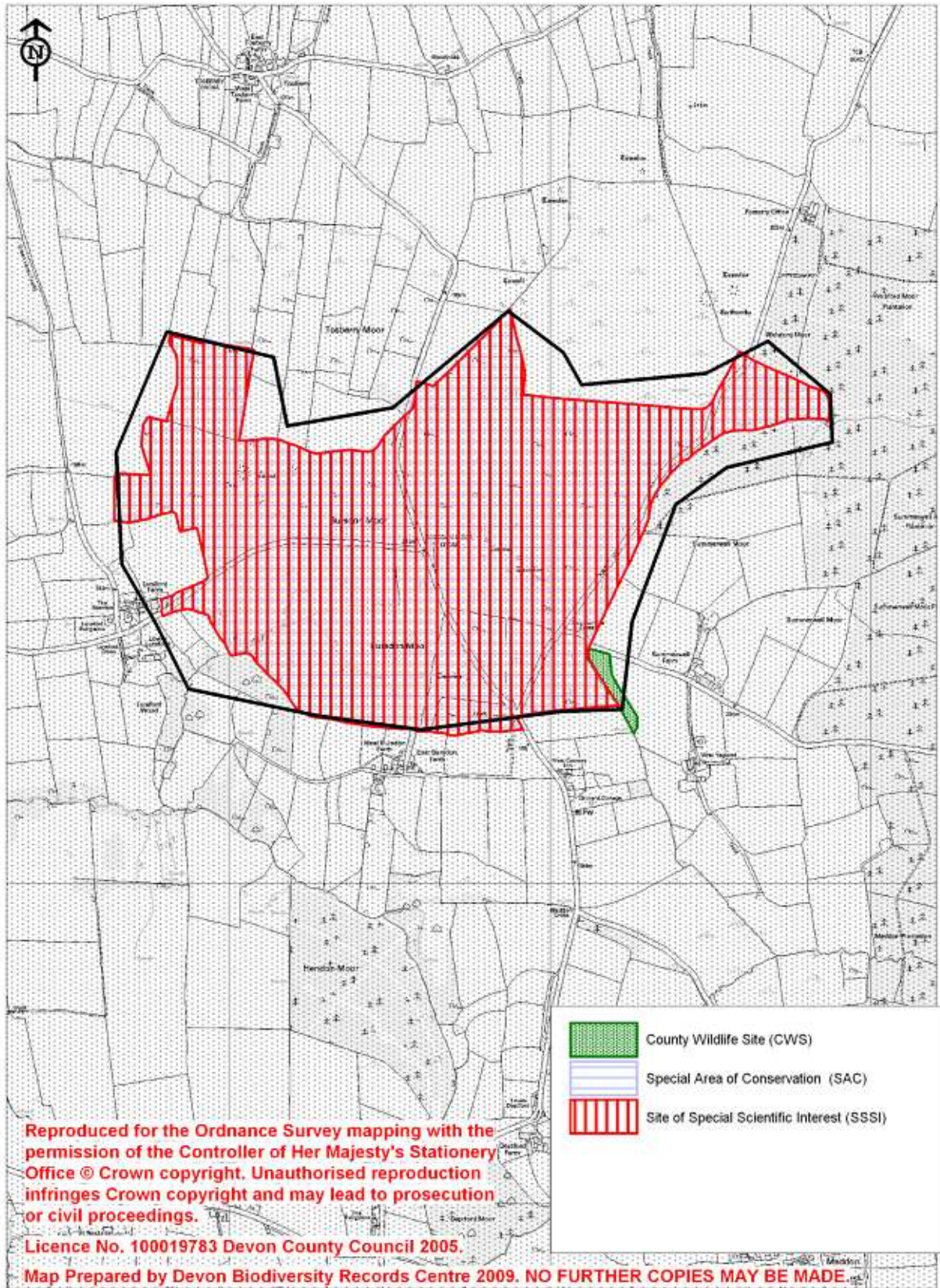
#### **6. Other information**

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.

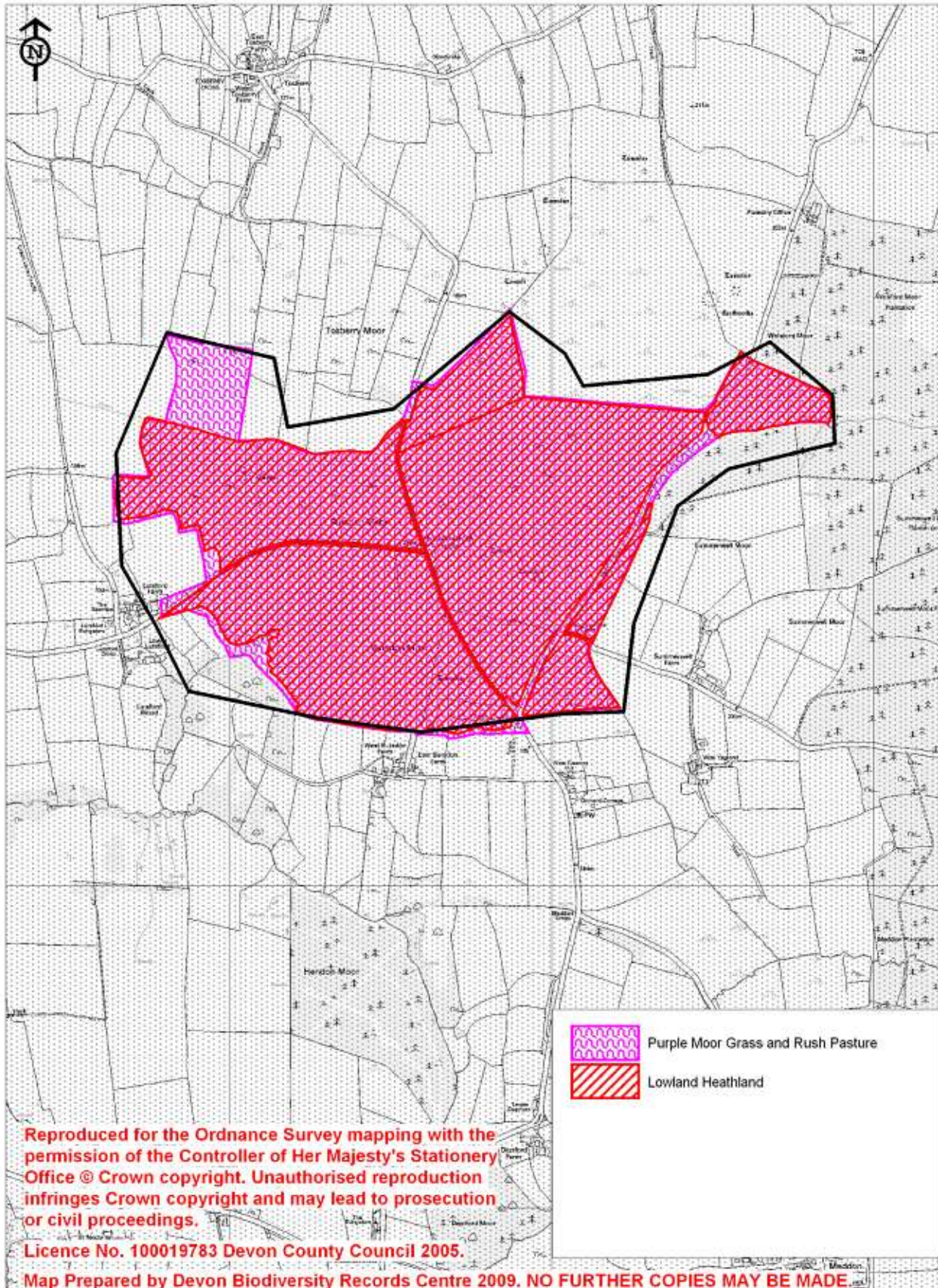
Contents could include:

- 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 339, Bursdon Moor (2009)



# Selected UKBAP priority habitats within SNA 339, Bursdon Moor (2009)



**Appendix 1: Legally protected & notable species recorded within 339 (2209)**

Common name	Scientific name	Status
Badger	<i>Meles meles</i>	WCA
Common Dormouse	<i>Muscardinus avellanarius</i>	S.41; DBAP
Curlew	<i>Numenius arquata</i>	S.41; DBAP; Amber
Marsh Fritillary	<i>Eurodryas aurinia</i>	S.41; DBAP; Nb
Nightjar	<i>Caprimulgus europaeus</i>	S.41; DBAP; Red
Pearl-bordered fritillary	<i>Boloria euphrosyne</i>	S.41; DBAP; Nb
Roe Deer	<i>Capreolus capreolus</i>	DA
Skylark	<i>Alauda arvensis</i>	S.41; Red

- WCA**                    **Wildlife and Countryside Act (1981)**
- DA**                     **Deer Act 1991:** deer protected under the Deer Act.
- S.41**                   **Species or habitat of principal importance in England (i.e. English BAP priority species / habitat) –**  
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.
- 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.
- Nb**                    **Nationally Notable B:** known from 100 or fewer 10km squares. Taken from the Invertebrate Site Register.