

## 1. SNA details

<b>SNA name:</b>	Small Brook
<b>SNA unique number:</b>	340
<b>SNA area (ha):</b>	187.55



## 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>	Lowland Heathland; Lowland Mixed Deciduous Woodland; Wet Woodland, Fen, Hedges, Rivers.

This SNA is special for its purple moor grass and rush pasture which together with wet woodland, scrub and heathland is important for breeding birds and invertebrates. Dunsdon Farm Devon Wildlife Trust nature reserve is recognised as an important area for Purple Moor Grass and Rush Pasture – it is also a SAC, SSSI and NNR. Aerial photos (2006) show there could be further areas of this habitat within the SNA although some of these areas have been planted with conifers.

Important species or species assemblage	Status
Species rich purple moor grass plant communities with abundant Meadow Thistle.	
Butterfly food plants e.g. Devils Bit Scabious.	
Butterflies – 26 species recorded at Dunsdon Farm e.g. marsh fritillary butterfly.	S.41, Devon BAP
Moths e.g. Narrow-bordered Bee Hawk-moth.	S.41
Other invertebrates e.g. dragonflies, damselflies, spiders, flies, beetles.	
Breeding and overwintering birds e.g. Grasshopper Warbler, Curlew.	Red list (Grasshopper Warbler) Amber list (Curlew)

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
SAC		Culm grassland: wet and dry heath, species rich Molinia mire & rush pasture. Plant, bird & invertebrate interest.
SSSI, NNR	Dunsdon Farm	Unimproved acidic grassland, scrub, woodland and tall fen

There are no County Wildlife Sites or Regionally Important Geological Sites within this SNA.

There is a Devon Wildlife Trust nature reserve (Dunsdon) in this SNA.

### 3. UK BAP Priority habitat maintenance and restoration targets for SNA no 340 (the measurement unit is hectare unless stated otherwise and 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	TOTAL
<b>Minimum area *</b>	0.5	0.59	7	7.59	8
<b>Maximum area #</b>	14	0.59	7	7.59	22

\* 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 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 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.

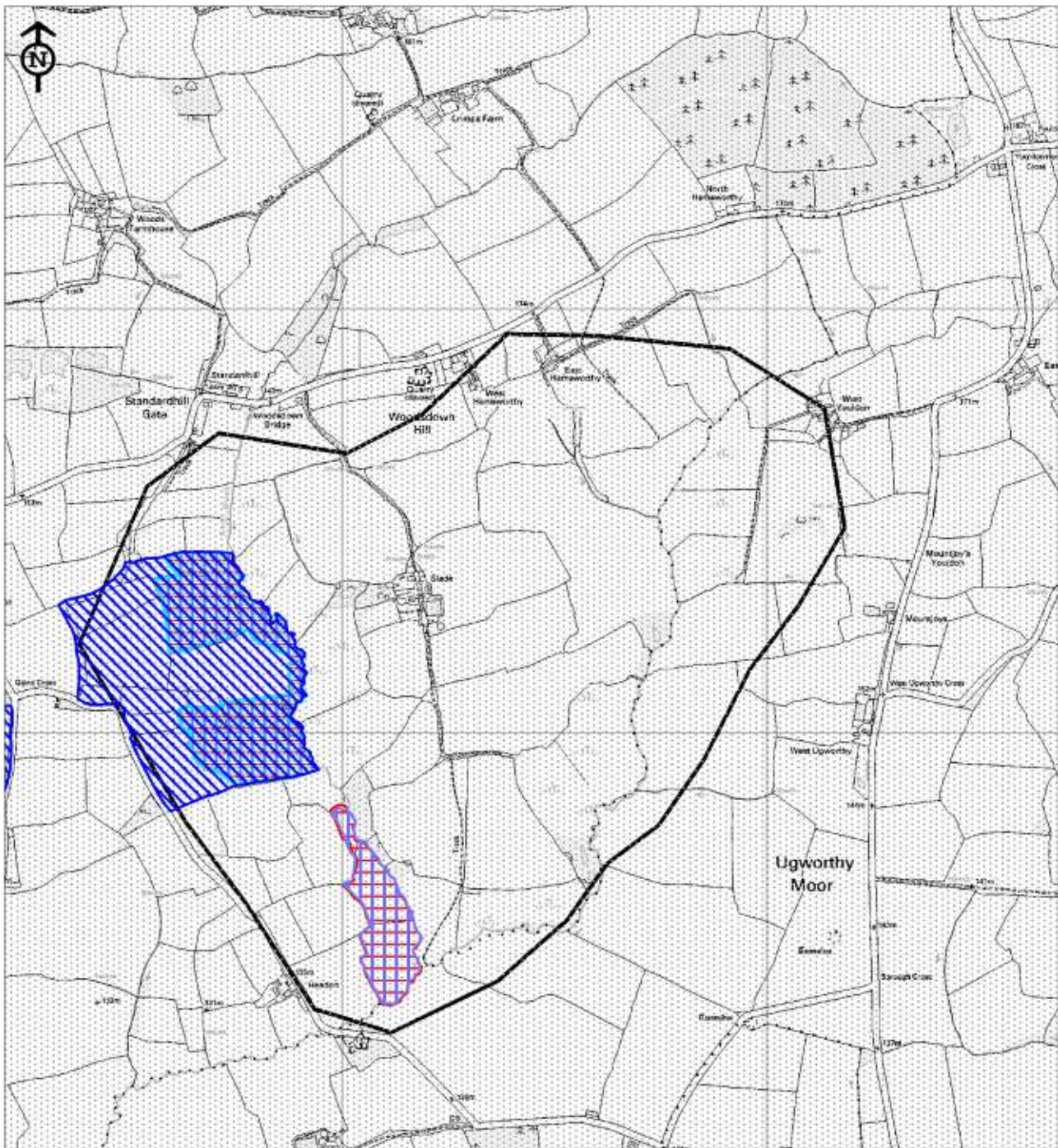
### **6. Other information**

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 340, Small Brook (2009)



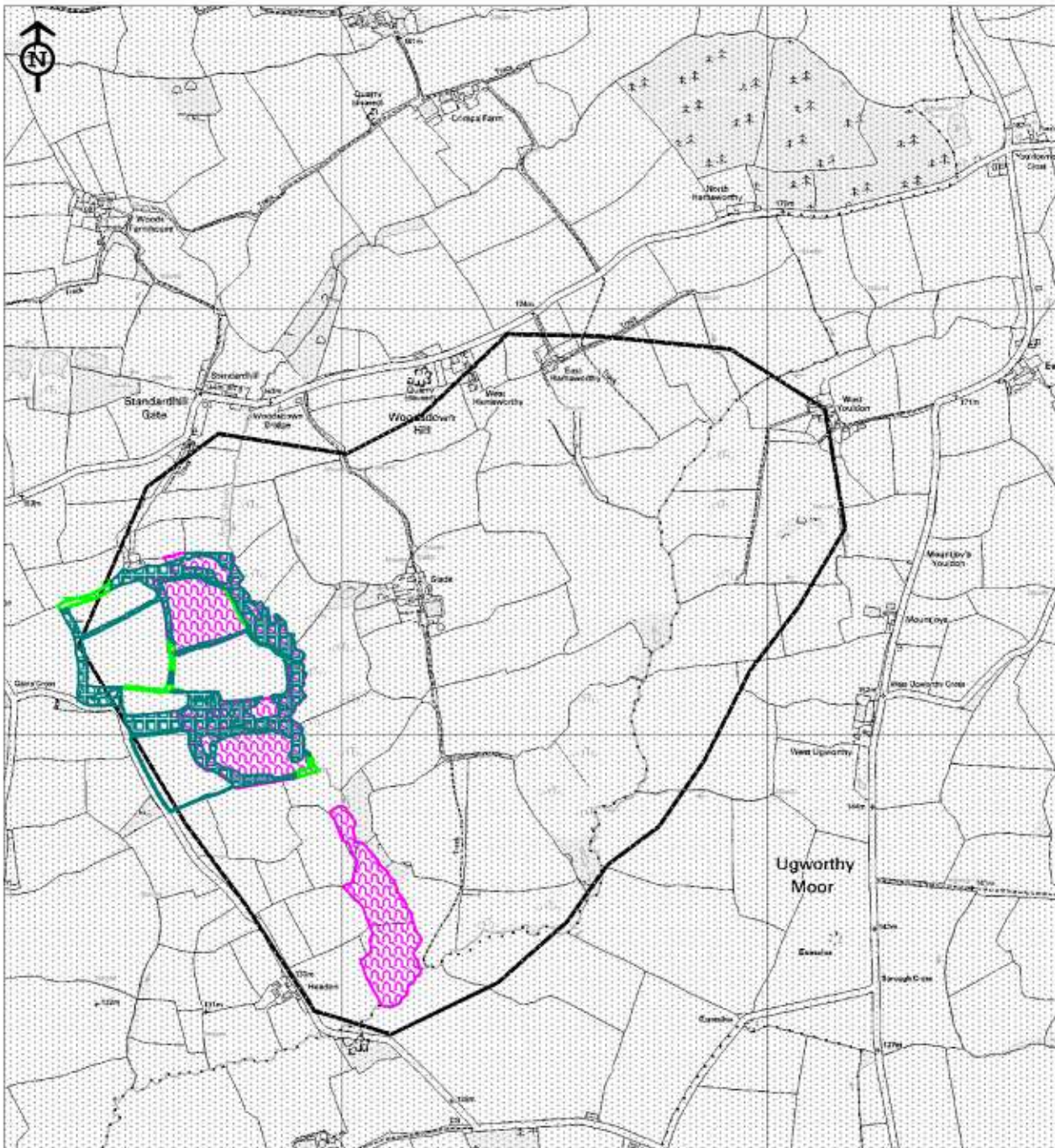
-  Site of Special Scientific Interest (SSSI)
-  Special Area of Conservation (SAC)
-  National Nature Reserve
-  Devon Wildlife Trust nature reserve

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Selected UKBAP priority habitats within  
SNA no 340, Small Brook (2009)



-  Purple Moor Grass & Rush Pasture
-  Lowland Mixed Deciduous Woodland
-  Wet Woodland

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## Appendix 1: Legally protected & notable species recorded in SNA no 340, Small Brook

Common name	Scientific name	Status
Barn Owl	<i>Tyto alba</i>	DBAP; Amber
Marsh Fritillary	<i>Eurodryas aurinia</i>	S.41; DBAP; Nb
Willow Warbler	<i>Phylloscopus trochilus</i>	Amber
Reed Bunting	<i>Emberiza schoeniclus</i>	S.41; Red
Wavy St. John's-Wort	<i>Hypericum undulatum</i>	NS; DN2
Common Frog	<i>Rana temporaria</i>	legally protected against sale
Primrose	<i>Primula vulgaris</i>	DBAP
Woodcock	<i>Scolopax rusticola</i>	Amber
Small Heath	<i>Coenonympha pamphilus</i>	S.41

**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.

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

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

**DN2** **Devon Notable<sup>2</sup>:** 26-50 2 km squares in Atlas of Devon Flora 1984.

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

**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.