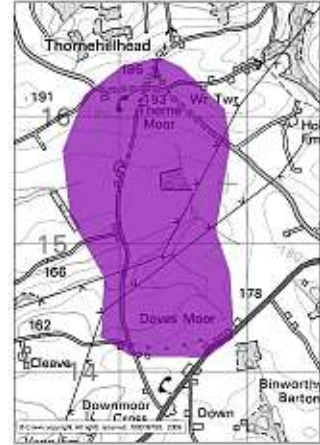


## 1. SNA details

<b>SNA name:</b>	Thorne & Dove's Moor
<b>SNA unique number:</b>	333
<b>SNA area (ha):</b>	241.28



## 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>	Hedges, Lowland heathland, Fen.

The centre of this SNA area south west of Torrington contains the Thorne and Dove's Moor Site of Special Scientific Interest, which is part of the Culm Grassland SAC. This SSSI is Common Land and "one of the largest areas of unimproved grassland and mire on the Culm measures of North Devon" (SSSI citation). The land surrounding this appears from aerial photos to be pasture or arable farm land all below 200 metres above sea level. The land slopes gently on either side of a tributary of the River Torridge.

The SNA contains a good range of the species typical of Purple Moor Grass & Rush Pasture including the following:

<b>Important species or species assemblage</b>	<b>Status</b>
UK BAP birds e.g. Barn Owl, Yellowhammer	All S.41 Red (Yellowhammer) Amber (Barn Owl)
Birds found on Purple Moor Grass & Rush Pasture e.g. Snipe	Amber (Snipe)
Brown Hare	S.41; DBAP
Common dormouse	S.41, DBAP, Habitats Directive
Typical butterflies of Purple Moor Grass & Rush Pasture e.g. Small pearl-bordered fritillary, Marsh fritillary, Small heath	All S.41 DBAP, Nb (Marsh Fritillary)
Plants typical of Culm grassland such as Whorled caraway and Wavy St. John's wort	NS, DN2 (Wavy St. John's wort) DN2 (Whorled caraway)

See Appendix 1 for further species recorded in SNA 333.

## 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 DWT reserve	Culm grassland	Culm grassland: wet and dry heath, species rich <i>Molinia</i> mire & rush pasture. Plant, bird & invertebrate interest.
SSSI	Thorne and Dove's Moor	Culm grassland, acidic & neutral mire and grassland communities. Invertebrate interest.

It includes one County Wildlife Site covering habitats including: Culm grassland, unimproved neutral grassland and scrub.

There are no Regionally Important Geological Sites present. Veilstone Devon Wildlife Trust Nature Reserve is present in the centre of the SNA.

## 3. UK BAP Priority habitat maintenance and restoration targets for SNA no 333

(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	Lowland heathland	Fens	Purple Moor Grass & Rush Pasture	TOTAL
Minimum area *	0	0	0	0
Maximum area #	15	78 **	47	140

\* 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

\*\*The NBN habitat layer has a large area in this SNA mapped as 'lowland fen' however there is some doubt over the accuracy of this. Little reference could be found to fen habitat in survey data relating to this area and there is often confusion over the definition of fen and how it overlaps with mire, swamp and bog.

## **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.

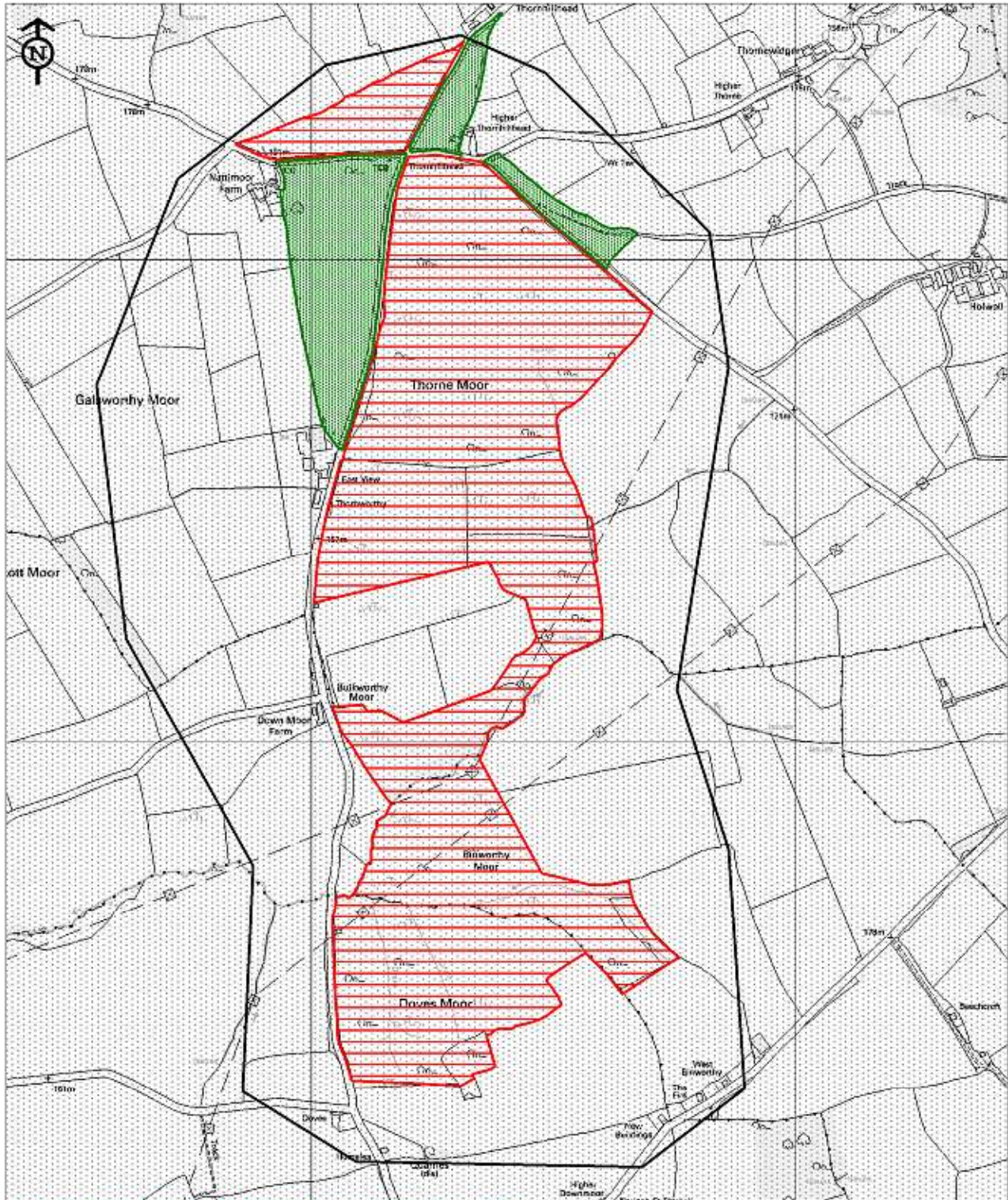
### **6. Other information**

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 333 Thorne and Dove's Moor (2009)



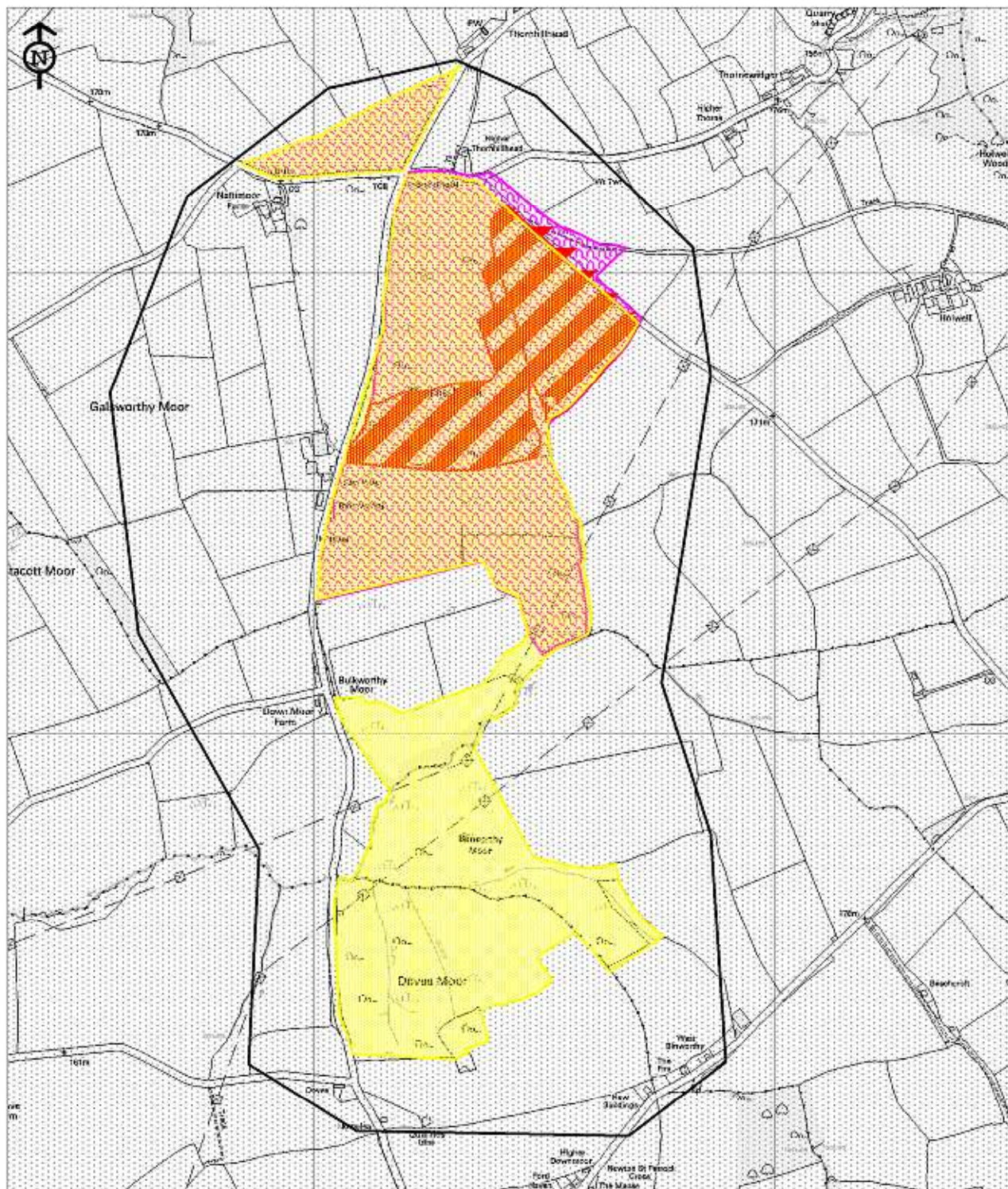
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-  Site of Special Scientific Interest (SSSI)
-  County Wildlife Site (CWS)

**Selected UK BAP priority habitats within  
SNA 333 Thorne and Dove's Moor (2009)**



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-  Purple Moor Grass & Rush Pasture
-  Lowland heathland
-  Fen

Appendix 1: Legally protected and notable species found within SNA 333 Thorne and Dove's Moor

Common name	Scientific name	Status
Badger	<i>Meles meles</i>	WCA
Barn Owl	<i>Tyto alba</i>	DBAP; Amber
Brown Hare	<i>Lepus europaeus</i>	S.41; DBAP
Bullfinch	<i>Pyrrhula pyrrhula</i>	S.41; Red
Common Dormouse	<i>Muscardinus avellanarius</i>	S.41; DBAP
Common Shrew	<i>Sorex araneus</i>	WCA
Common Toad	<i>Bufo bufo</i>	S.41
Fieldfare	<i>Turdus pilaris</i>	Red
Grass Snake	<i>Natrix natrix</i>	S.41
Herring Gull	<i>Larus argentatus</i>	Red
House Martin	<i>Delichon urbica</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
Mistle Thrush	<i>Turdus viscivorus</i>	Amber
Petty Whin	<i>Genista anglica</i>	DN3
Redwing	<i>Turdus iliacus</i>	Red
Slow-Worm	<i>Anguis fragilis</i>	S.41
Small Heath	<i>Coenonympha pamphilus</i>	S.41
Small Pearl-bordered Fritillary	<i>Boloria selene</i>	S.41; Decline
Snipe	<i>Gallinago gallinago</i>	Amber
Song Thrush	<i>Turdus philomelos</i>	S.41; Red
Starling	<i>Sturnus vulgaris</i>	Red
Swallow	<i>Hirundo rustica</i>	Amber
Swift	<i>Apus apus</i>	Amber
Wavy St. John's-Wort	<i>Hypericum undulatum</i>	NS; DN2
Whorled Caraway	<i>Carum verticillatum</i>	DN2
Yellowhammer	<i>Emberiza citrinella</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.

**NR** **Nationally Rare:** 1-15 10km squares in Atlas of British Flora 1962.

**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).

**DN1** **Devon Notable<sup>1</sup>:** 1-25 2 km squares in Atlas of Devon Flora 1984.

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

**DN3** **Devon Notable<sup>3</sup>:** 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.
- Na** **Nationally Notable A:** known from 30 or fewer 10km squares. Taken from the Invertebrate Site Register.
- 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.

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