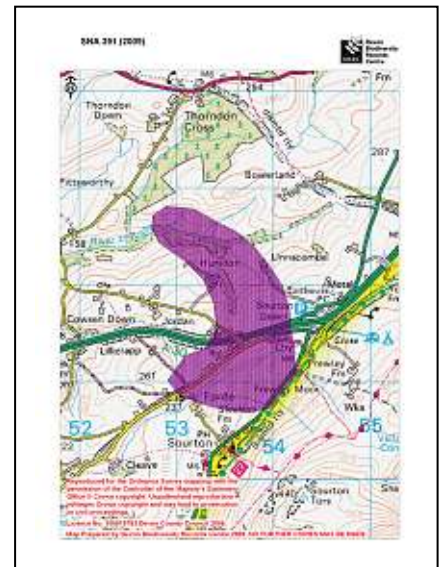


## 1. SNA details

<b>SNA name:</b>	Hursdon to Prewley
<b>SNA unique number:</b>	391
<b>SNA area (ha):</b>	183.46



## 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 Mixed Deciduous Woodland, Hedges, Rivers.

This SNA contains 2 different river valleys which are roughly dissected by the A30 which runs through this SNA. To the North of the A30 is the river valley for the River Threshel with tributaries running down to the river valley bottom. To the South, the SNA includes part of the River valley for the River Lew. This area borders Dartmoor National Park and includes part of Prewley Moor. Purple moor grass and rush pasture occurs on Prewley Moor and alongside the River Threshel where it is in a mosaic with woodland and scrub.

<b>Important species or species assemblage</b>	<b>Status</b>
Flowering plants associated with purple moor grass and rush pasture e.g. <b>Marsh Thistle, Greater Bird's- Foot Trefoil, Meadowsweet.</b>	
Butterflies e.g. <b>Marsh Fritillary, Small Pearl-Bordered Fritillary.</b>	S. 41 (Marsh Fritillary & Small Pearl-Bordered Fritillary) DBAP, Nationally notable (Marsh Fritillary)
Butterfly food plants e.g. <b>Devils Bit Scabious.</b>	
Other invertebrates e.g. dragonflies, damselflies, spiders, flies, beetles.	
Farmland Birds e.g. Curlew, Barn-Owl, <b>Snipe</b> , Reed Bunting.	S. 41 (Reed Bunting) DBAP (Curlew, Barn Owl) Red bird list (Reed Bunting) Amber bird list (Curlew, Barn Owl, Snipe)
Dormouse	S. 41, DBAP
Otter	S. 41, DBAP

**Species in bold have been recorded in County Wildlife Site (CWS) surveys or as incidental records in this SNA.** Other species listed are likely to be found associated with this habitat. See Appendix 1 for further species recorded in SNA 391.

## Nature conservation designations

There are no statutory sites within this SNA.

This SNA includes 5 County Wildlife Sites covering habitats including: culm grassland, semi-improved grassland, semi-natural broadleaved woodland, scrub and bracken.

There are no Regionally Important Geological Sites in this SNA.

## 3. UK BAP Priority habitat maintenance and restoration targets for SNA no 391

(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	TOTAL
Minimum area *	1.75		1.75
Maximum area #	43	3	46

\* *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 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.

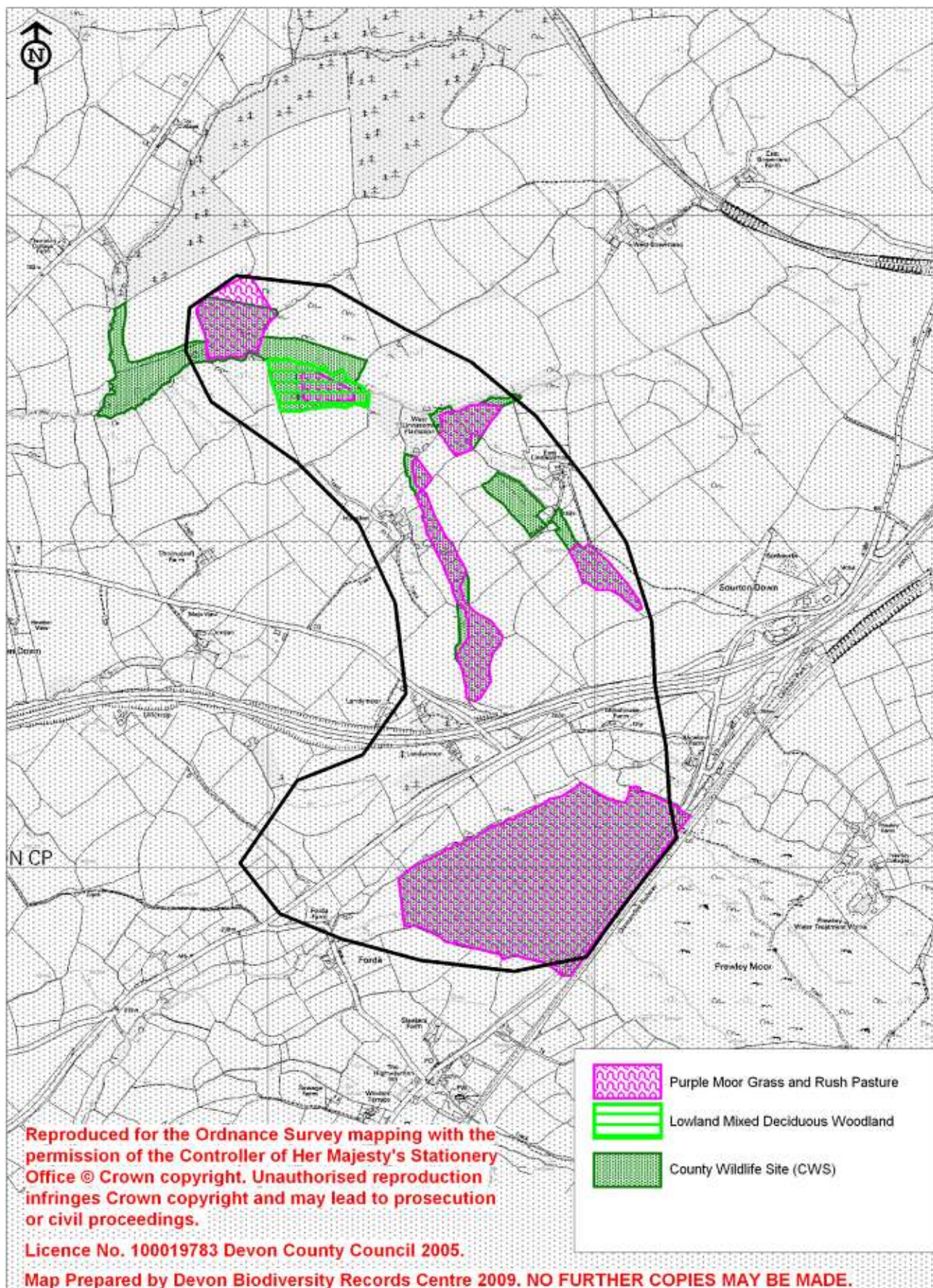
#### **6. Other information**

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 and UKBAP priority habitats within SNA 391 (2009)



## Appendix 1: Legally protected and notable species within 391

Common Name	Scientific name	Status
Common Frog	<i>Rana temporaria</i>	WCA
Marsh Fritillary	<i>Eurodryas aurinia</i>	S. 41; DBAP; Nb
Marsh Valerian	<i>Valeriana dioica</i>	DN3
Small Pearl-bordered Fritillary	<i>Boloria selene</i>	S. 41; Decline
Snipe	<i>Gallinago gallinago</i>	Amber
Willow Warbler	<i>Phylloscopus trochilus</i>	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.

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

**DN3**                    **Devon Notable<sup>3</sup>:** Selected species recorded from over 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.

**Decline**                Substantial local decline in Devon

**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.