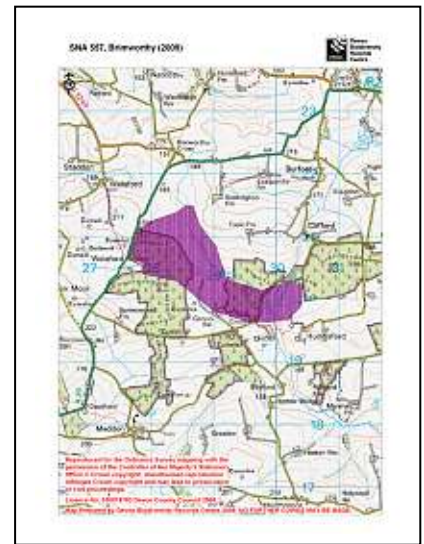


1. SNA details

SNA name:	Binworthy
SNA unique number:	557
SNA area (ha):	213.98



2. Summary of nature conservation interest

Priority BAP habitats

Main Regional Nature Map habitat:	Purple Moor Grass and Rush Pasture
Other Regional Nature Map habitat(s):	
Other UK BAP habitats:	Hedges, Rivers.

This SNA is part of a network of 'culm' sites that occur along the River Torridge valley. It is adjacent to 2 other purple moor grass and rush Pasture SNAs: Marshall to the South and Bursdon Moor to the West.

This SNA follows a river valley for tributaries of the River Torridge: Seckington Water and Clifford Water. There are some areas of purple moor grass and rush pasture along with swamp and willow scrub alongside the river which provide good habitat for invertebrates and support populations of breeding birds. The type of purple moor grass and rush pasture communities present include National Vegetative Communities :M23, M25 and M27. The valley sides of this SNA are dominated by conifer plantation.

Important species or species assemblage	Status
Devon notable flowering plants e.g. Marsh Cinquefoil, Bottle Sedge.	Devon notable plants
Butterfly food plants e.g. Devils Bit Scabious.	
Butterflies e.g. Marsh Fritillary, Small Pearl-Bordered Fritillary.	S.41 (Marsh Fritillary & Small Pearl-Bordered Fritillary) DBAP, Nationally notable (Marsh Fritillary)
Birds e.g. Snipe, Skylark, Nightjar, breeding Grasshopper Warbler & Whitethroat.	S.41 (Skylark, Nightjar, Grasshopper Warbler) DBAP (Nightjar) Red bird list (Skylark, Nightjar, Grasshopper Warbler) Amber bird list (Snipe)
Otter	S.41, DBAP
Other invertebrates e.g. dragonflies, damselflies, spiders, flies, beetles.	

These species have been recorded in County Wildlife Site (CWS) surveys or as incidental records in this SNA. See Appendix 1 for further species recorded in SNA 557.

Nature conservation designations

There are no statutory designations within SNA 557.

The SNA includes 2 'culm grassland' County Wildlife Sites.

There are no Regionally Important Geological Sites within this SNA.

3. UK BAP Priority habitat maintenance and restoration targets for SNA no 557

(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	TOTAL
Minimum area *	15	15
Maximum area #	15	15

* 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.

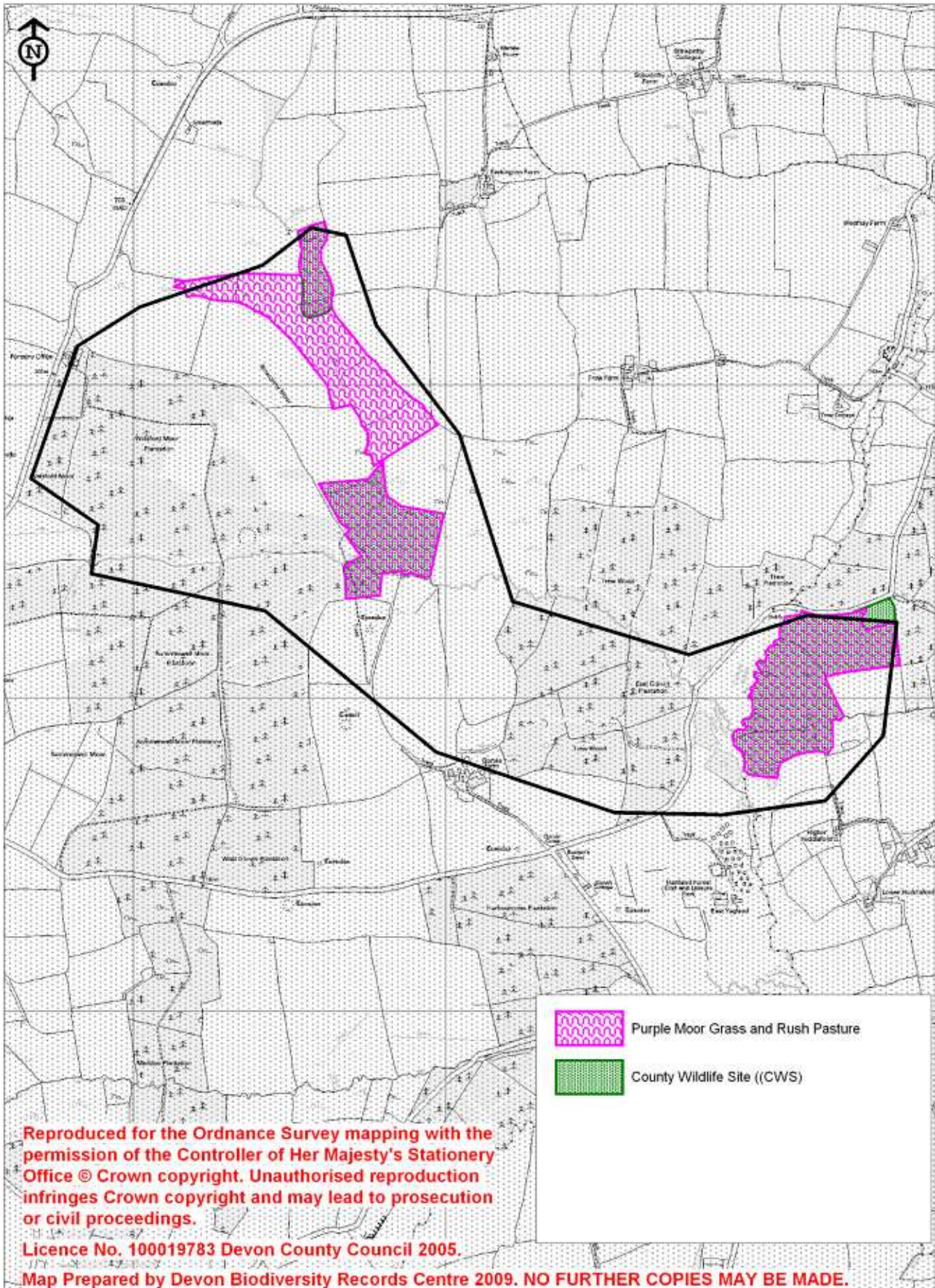
6. Other information

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 and selected UKBAP priority habitats within SNA 557, Brimworthy (2009)



Appendix 1: Legally protected and notable species recorded within 557

Common name	Scientific name	Status
Bottle Sedge	Carex rostrata	DN3
Grasshopper Warbler	Locustella naevia	S.41; Red
Indet. Deer	Cervidae	DA
Kestrel	Falco tinnunculus	Amber
Marsh Fritillary	Eurodryas aurinia	S.41; DBAP; Nb
Marsh Valerian	Valeriana dioica	DN3
Meadow Pipit	Anthus pratensis	Amber
Nightjar	Caprimulgus europaeus	S.41; DBAP; Red
Skylark	Alauda arvensis	S.41; Red
Small Heath	Coenonympha pamphilus	S.41
Small Pearl-Bordered Fritillary	Boloria selene	S.41; Decline
Tree Pipit	Anthus trivialis	S.41; Red
Wall Brown	Lasiommata megera	S.41
Whitethroat	Sylvia communis	Amber
Willow Warbler	Phylloscopus trochilus	Amber

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.

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).

DN3 **Devon Notable³:** Selected species recorded from over 50 2 km squares in Atlas of Devon Flora 1984.

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.