

1. SNA details

SNA name:	Jurston and Hurston
SNA unique number:	626
SNA area (ha):	149.96



2. Summary of nature conservation interest

Priority BAP habitats

Main Regional Nature Map habitat:	Purple moor grass & rush pasture *
Other Regional Nature Map habitat(s):	
Other UK BAP habitats:	Hedges, rivers.

This SNA occurs within Dartmoor National Park in the valley running between Shapley and Chagford commons and is buffered by Meldon Hill to the North, also an area of upland moorland common.

No nbn habitat layers or sites have been mapped so far but 2006 aerial photos show a mosaic of improved and semi-improved grassland with purple moor grass and rush pasture, marshy grassland and semi-natural broadleaved woodland alongside the River Bovey and its tributaries in the valley bottom. The following species have been recorded within the SNA:

Important species or species assemblage	Status
Bats. Greater & lesser horseshoe, brown long eared and pipistrelle.	S.41 (Lesser & greater horseshoe, brown long-eared) DBAP (Greater horseshoe)
Otter	S.41, DBAP
Butterflies: Wall, small heath, marsh fritillary, small pearl-bordered fritillary	S.41 (Wall, small heath, marsh fritillary, small pearl-bordered fritillary) DBAP (marsh fritillary) Nationally notable (marsh fritillary)

* This SNA is designated for its purple moor grass and rush pasture habitat but there are no nbn habitat layers digitised within this SNA. This is because these layers were digitised in 2003 using aerial photos together with survey information available at the time and there was no survey data relating to this area.

Nature conservation designations

There are no statutory or non-statutory nature conservation designations in relation to this SNA although the SNA is within the Dartmoor National Park boundary.

3. UK BAP Priority habitat maintenance and restoration targets for SNA no 626 (Tor Valley) (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)

There are currently no BAP habitats mapped within this SNA.

UK BAP priority habitat	Purple moor grass and rush pasture	TOTAL
Minimum area *		
Maximum area #		

* *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 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.