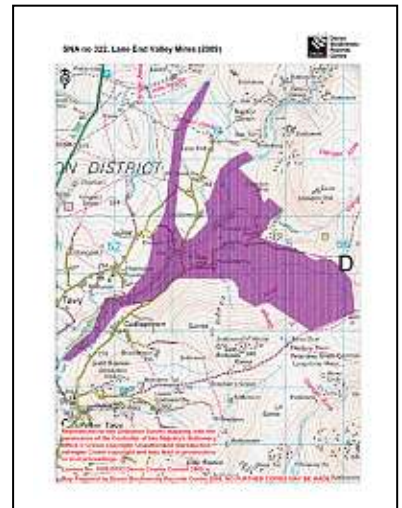


1. SNA details

SNA name:	Lane End
SNA unique number:	322
SNA area (ha):	562.72



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:	Lowland Mixed Deciduous Woodland, Wet Woodland, Upland Oakwood, Lowland Meadows, Fens, Upland Heathland, Hedges, Rivers.

This SNA is on the West side of the moor within Dartmoor National Park. The River Tavy runs through the SNA and areas of semi-natural broadleaved woodland occur on the steeper sides of the river valley and valley bottom. The SNA is designated for its purple moor grass & rush pasture habitat which occurs along the River Tavy, its tributaries and springs which originate within the SNA *. The SNA includes upland areas which from aerial photos look like upland heathland+. There are also some areas of unimproved neutral grassland. Some of the important species that have been recorded in this SNA include:

Important species or species assemblage	Status
Bats from the disused mine shafts outside of Mary Tavy including Lesser and Greater Horseshoe Bats.	S.41 (Lesser and Greater Horseshoe) DBAP (Greater Horseshoe)
Butterflies including Marsh Fritillary, Small Pearl-bordered Fritillary, Pearl-bordered Fritillary.	S.41, DBAP, Nationally notable
Devon notable plant species: Floating Spike-Rush, Ivy-Leaved Bellflower, Great Broomrape, Great Burnet, Water Avens.	Devon Notable plant species
Otter	S.41, DBAP

* Only a small parcel of land (less than a hectare) has been mapped as purple moor grass & rush pasture on the nbn habitat layer. Surveys (1995) and recent aerial photos (2006) show there to be further areas of this habitat within the SNA. The nbn habitat layer for purple moor grass and rush pasture is in the process of being updated and will include these additional areas.

+ These areas haven't been mapped on the Upland Heathland nbn habitat layer

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
gSSSI	Devon United Mine	One large & one small dump in woodland, created by former mining activities.

There are no County Wildlife Sites within this SNA.

This SNA is within Dartmoor National Park.

There are no Regionally Important Geological Sites within this SNA.

3. UK BAP Priority habitat maintenance and restoration targets for SNA no 322

(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	Upland Oak Wood	Upland Mixed Ashwoods	Lowland Mixed Deciduous Woodland	Wet Woodland	Woodland TOTAL	Upland Heath	Purple Moor Grass & Rush Pasture	Lowland Meadow	Fens	TOTAL
Minimum area *	7	2	2	1	12		0.74	2		15
Maximum area #	7	2	2	1	12	0.2	0.74	2	8	23

* 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

Please note:

For Wet Woodland, Upland Oakwood and Upland Mixed Ashwoods, I included some areas which were just outside the SNA boundary in these targets as the boundary of these polygons overlapped the SNA boundary (see map).

Surveys (1995) and recent aerial photos (2006) show areas of Purple Moor Grass & Rush Pasture habitat to be greater than 0.74 Ha within this SNA.

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.

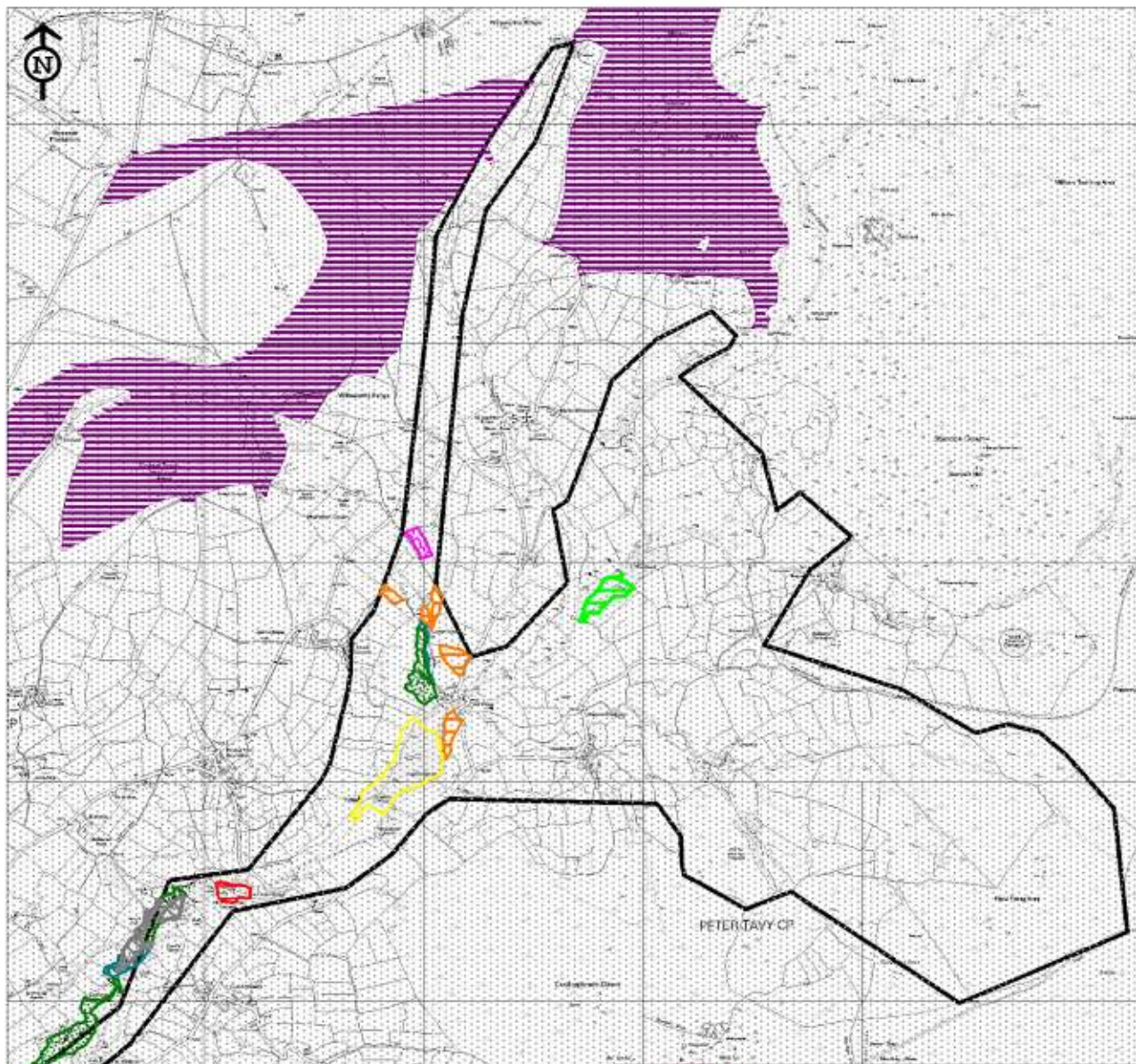
6. Other information

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 selected UKBAP priority habitats within SNA no 322 (2009)



+ Surveys (1995) and aerial photos (2006) show the extent of this habitat within this SNA is greater than that which is mapped here.

* Where polygons of these habitats overlap the edge of the SNA I have included the whole of these areas in calculating targets.

	Lowland Mixed Deciduous Woodland
	Wet Woodland *
	Upland Oakwood *
	Purple Moor Grass & Rush Pasture +
	Lowland Meadows
	Fens
	Upland Heathland
	Upland Mixed Ashwoods *
	Site of Special Scientific Interest (SSSI)

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