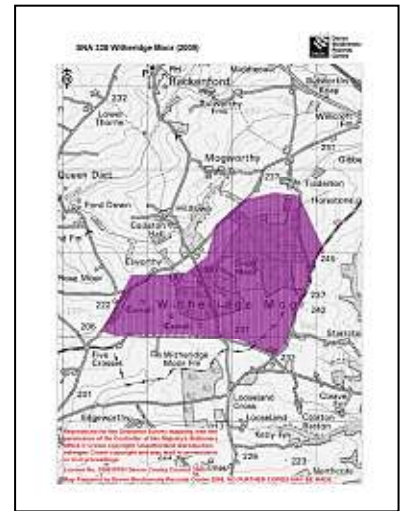


1. SNA details

SNA name:	Witheridge Moor
SNA unique number:	328
SNA area (ha):	276.31



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, wet woodland, lowland heathland.

This SNA is centred on Witheridge Moor, an area of Common Land. The main area of Purple Moor Grass & Rush Pasture habitat is across the southern part of this SNA. The centre of the SNA contains wet woodland with open areas. There are also some rushy pasture fields present.

Although Purple Moor Grass & Rush Pasture is the most common UK BAP priority habitat, this SNA also contains substantial amounts of wet woodland and lowland heathland.

The SNA features species typical of the main habitat type, such as the butterflies listed below and curlew. Less typical species such as dormice have been recorded nesting in the Purple Moor Grass & Rush Pasture habitat.

Species recorded within the SNA include:

Important species or species assemblage	Status
Birds including cuckoo and curlew (the latter found on Purple Moor Grass & Rush Pasture)	S. 41
Turtle Dove (on edge of breeding territory)	S. 41, Red
Butterflies associated with Culm grassland such as Marsh, Pearl-bordered and Small pearl-bordered fritillary.	All S. 41 DBAP, Nb (Marsh fritillary and Pearl-bordered fritillary) Decline (Small pearl-bordered fritillary)
Mammals including Harvest mouse, Dormouse, Otter, Water shrew and Red Deer	S. 41 (Harvest and Dormouse, Otter) DBAP (Dormouse and Otter) Legally protected (Water shrew) DA (Red Deer)

See Appendix 1 for further species recorded in SNA 328.

Nature conservation designations

There are no statutory designated sites within this SNA.

The SNA includes one large County Wildlife Site covering habitats including: Culm grassland: species-rich *Molinia* mire, wet heath & wet secondary broadleaved woodland. There is also bird & butterfly interest.

There are no Regionally Important Geological Sites present.

3. UK BAP Priority habitat maintenance and restoration targets for SNA no 328

(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	Wet Woodland	Lowland Heathland	Purple Moor Grass & Rush Pasture	TOTAL
Minimum area *	0	0	0	0
Maximum area #	79	58	94	231

* 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 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.

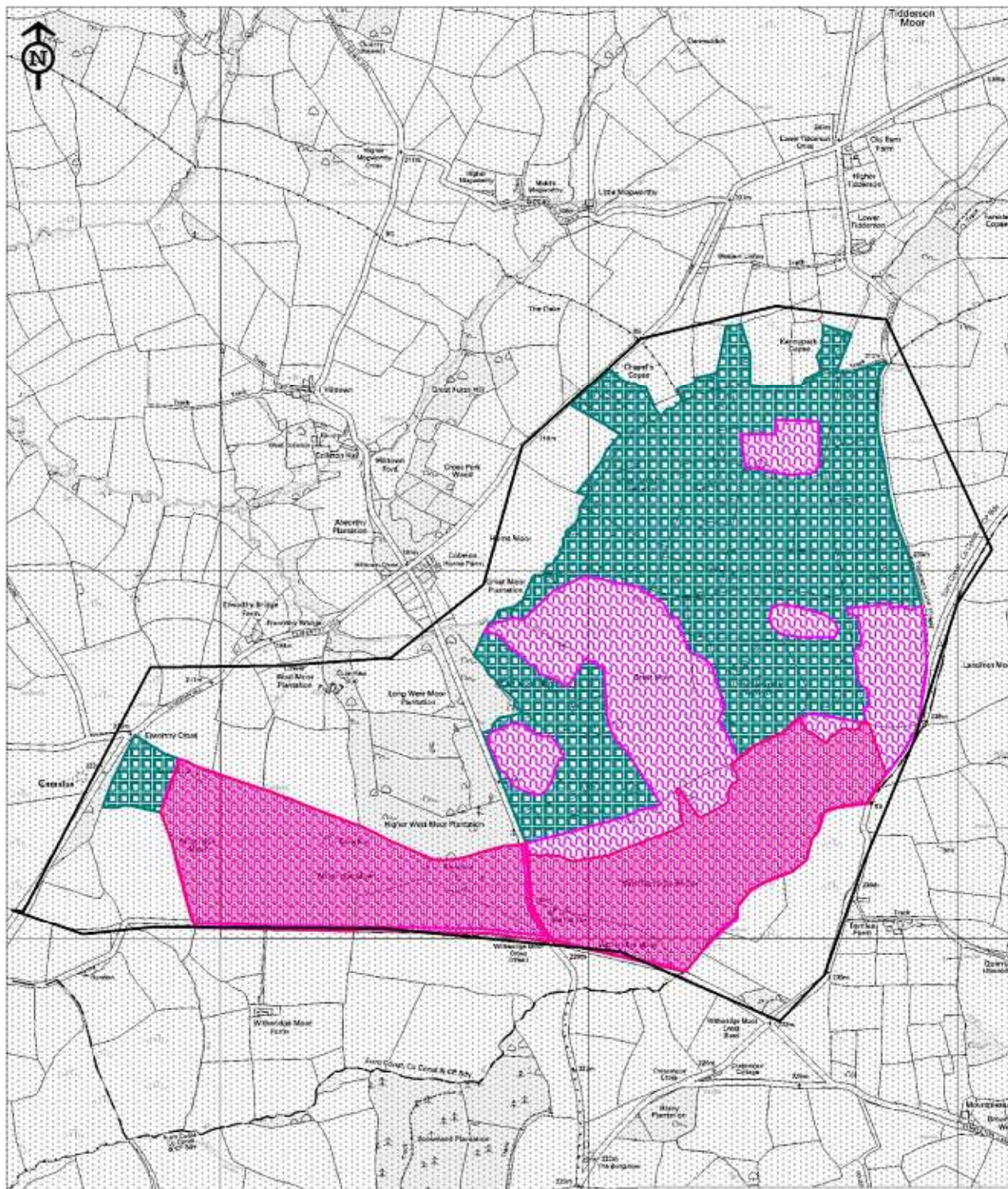
6. Other information

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.

**Selected UK BAP priority habitats in
SNA 328 Witheridge Moor (2009)**



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-  Wet woodland
-  Purple Moor Grass & Rush Pasture
-  Lowland heathland

Appendix 1: Legally protected and notable species recorded in SNA 328 Witheridge Moor

Common name	Scientific name	Status
Badger	<i>Meles meles</i>	WCA
Common Dormouse	<i>Muscardinus avellanarius</i>	S. 41; DBAP
Cuckoo	<i>Cuculus canorus</i>	S. 41; Red
Curlew	<i>Numenius arquata</i>	S. 41; DBAP; Amber
Dark Green Fritillary	<i>Argynnis aglaja</i>	Decline
Dingy Skipper	<i>Erynnis tages</i>	S. 41; Decline
Green Hairstreak	<i>Callophrys rubi</i>	Decline
Harvest Mouse	<i>Micromys minutus</i>	S. 41
High Brown Fritillary	<i>Argynnis adippe</i>	S. 41; RDB2
Marsh Fritillary	<i>Eurodryas aurinia</i>	S. 41; DBAP; Nb
Minor Shoulder-Knot	<i>Brachylomia viminalis</i>	S. 41
Otter	<i>Lutra lutra</i>	S. 41; DBAP
Pearl-bordered fritillary	<i>Boloria euphrosyne</i>	S. 41; DBAP; Nb
Purple Hairstreak	<i>Quercusia quercus</i>	Decline
Red Deer	<i>Cervus elaphus</i>	DA
Roe Deer	<i>Capreolus capreolus</i>	DA
Small Heath	<i>Coenonympha pamphilus</i>	S. 41
Small Pearl-bordered Fritillary	<i>Boloria selene</i>	S. 41; Decline
Wall Brown	<i>Lasiommata megera</i>	S. 41
Water Shrew	<i>Neomys fodiens</i>	WCA

- 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 Notable¹:** 1-25 2 km squares in Atlas of Devon Flora 1984.
- DN2** **Devon Notable²:** 26-50 2 km squares in Atlas of Devon Flora 1984.
- DN3** **Devon Notable³:** 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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