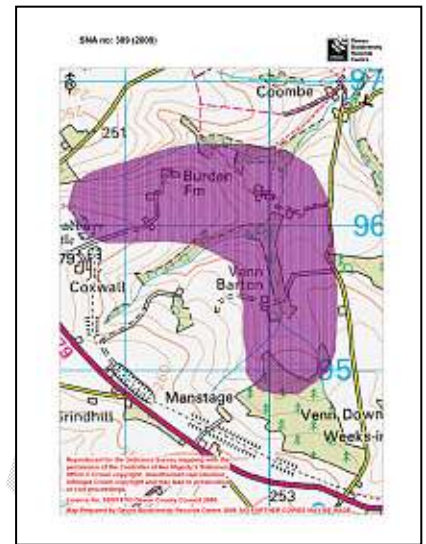


## 1. SNA details

<b>SNA name:</b>	Melbury
<b>SNA unique number:</b>	389
<b>SNA area (ha):</b>	171.82



## 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>	Wet woodland, lowland meadows, hedges.

This SNA contains 3 'Culm grassland' County Wildlife Sites which include areas of scrub and wet woodland. The aerial photograph (2006) also shows some areas of deciduous woodland in the valley bottoms that haven't been mapped as sites yet but could possibly be additional areas of wet woodland. Species found in this SNA include:

Important species or species assemblage	Status
Butterfly food plants associated with 'culm grassland' habitat e.g. devils bit scabious, viola species, purple moor grass, bent grasses.	
Butterflies associated with culm grassland habitat e.g. marsh fritillary, small heath, small pearl-bordered fritillary, meadow brown.	S. 41 (marsh fritillary, small pearl-bordered fritillary, small heath) Devon BAP (marsh fritillary, pearl-bordered fritillary)
Birds associated with farmland/culm grassland e.g. barn owl, snipe, tree pipit, willow warbler.	S. 41 (tree pipit) Devon BAP (Barn Owl)
Ivy leaved bellflower	Devon notable

See Appendix 1 for further species recorded in SNA 389.

### Nature conservation designations

There are no statutory designations relating to this SNA.

The SNA includes County Wildlife Sites covering habitats including: 'culm grassland', bog communities, acidic grassland, scrub, unimproved and semi-improved neutral grassland and wet woodland.

### 3. UK BAP Priority habitat maintenance and restoration targets for SNA no 389

(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	Purple moor grass & rush pasture	Wet woodland	TOTAL
Minimum area *	1		1
Maximum area #	14	7	21

\* 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.

Designated sites and selected UKBAP priority habitats  
within SNA no 389 (2009)



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## Appendix 1: Legally protected & notable species recorded in SNA 389 (2009)

Common name	Scientific name	Status
Badger	<i>Meles meles</i>	WCA
Barn Owl	<i>Tyto alba</i>	DBAP; Amber
Brown Hairstreak	<i>Thecla betulae</i>	S. 41; Nb
Common Frog	<i>Rana temporaria</i>	WCA
Common Toad	<i>Bufo bufo</i>	S. 41
Ivy-Leaved Bellflower	<i>Wahlenbergia hederacea</i>	DN3
Linnet	<i>Carduelis cannabina</i>	S. 41; Red
Marsh Fritillary	<i>Eurodryas aurinia</i>	S. 41; DBAP; Nb
Meadow Pipit	<i>Anthus pratensis</i>	Amber
Narrow Buckler-Fern	<i>Dryopteris carthusiana</i>	DN3
Natterer's Bat	<i>Myotis nattereri</i>	WCA
Small Heath	<i>Coenonympha pamphilus</i>	S. 41
Small Pearl-Bordered Fritillary	<i>Boloria selene</i>	S. 41; Decline
Snipe	<i>Gallinago gallinago</i>	Amber
Tree Pipit	<i>Anthus trivialis</i>	S. 41; 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.

**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

**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.