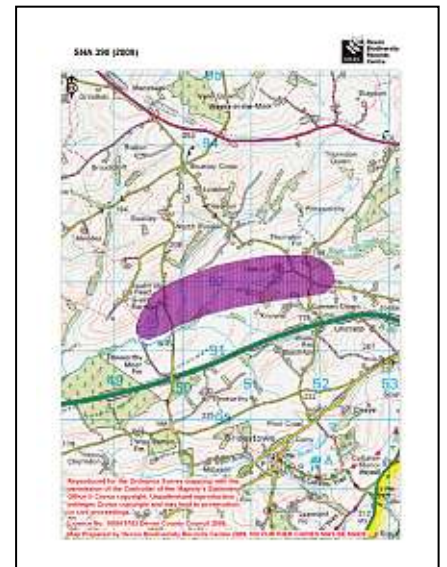


1. SNA details

SNA name:	River Thrushel Valley
SNA unique number:	390
SNA area (ha):	176.68



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, Hedges, Rivers.

A gently sloping river valley with a few fields of purple moor grass and rush pasture alongside the River Thrushel in a mosaic with broadleaved woodland and scrub. This SNA previously contained more purple moor grass and rush pasture habitat but this has now been lost due to the creation of fishing ponds and woodland plantation.

Important species or species assemblage	Status
Marshy grassland flowering plants e.g. Marsh Thistle, Meadowsweet.	
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)
Other invertebrates e.g. Grasshoppers.	
Birds e.g. Curlew, Skylark, Tree Pipit.	S. 41 (Skylark, Tree Pipit) DBAP (Curlew) Red bird list (Skylark, Tree Pipit) Amber bird list (Curlew)

Species listed are taken from County Wildlife Site (CWS) survey card or incidental records. See Appendix 1 for further species recorded in SNA 390.

Nature conservation designations

There are no statutory sites within this SNA.

This SNA contains 1 County Wildlife Site which is good unimproved culm grassland with scrub and woodland alongside. It is a marsh fritillary site.

There are no Regionally Important Geological Sites within this SNA.

3. UK BAP Priority habitat maintenance and restoration

targets for SNA no 390 (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 and Rush Pasture	Lowland Mixed Deciduous Woodland	TOTAL
Minimum area *			
Maximum area #	3	4	7

* 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 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.

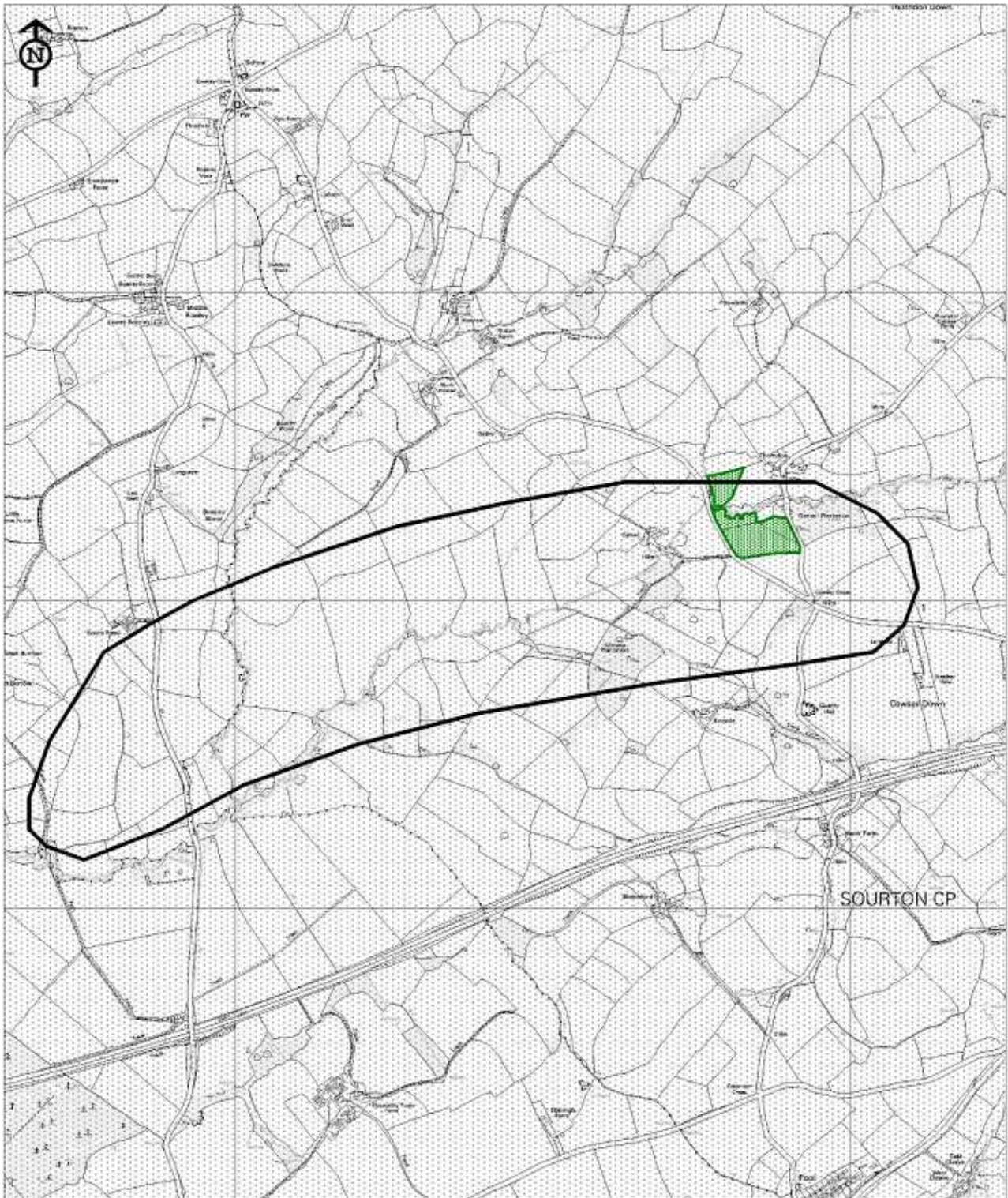
6. Other information

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 within SNA 390 (2009)



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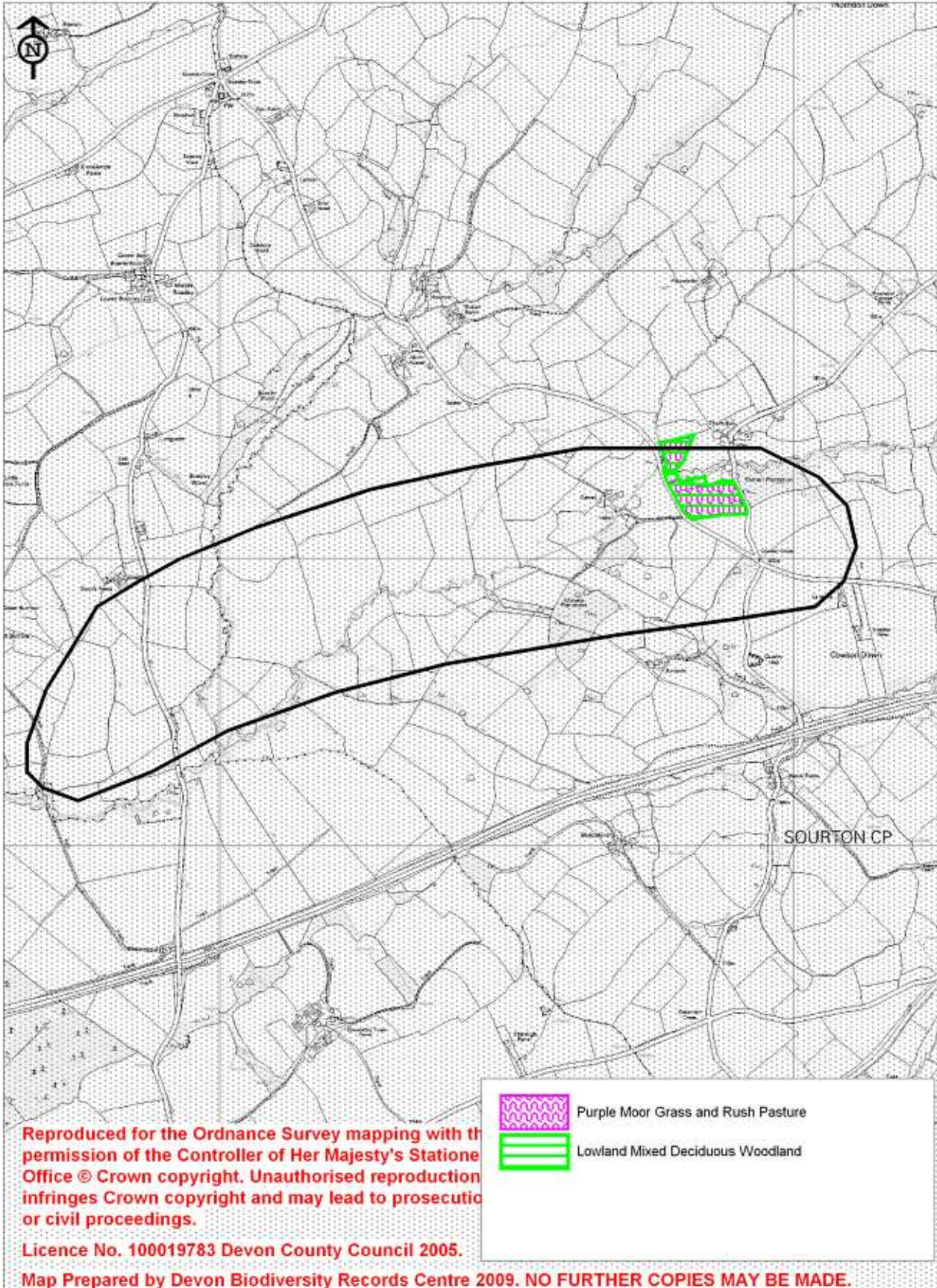
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County Wildlife Site (CWS)

Selected UKBAP priority habitats within SNA 390 (2009)



Appendix 1: Legally protected and notable species within SNA 390 (2009)

Common Name	Scientific name	Status
Common Frog	<i>Rana temporaria</i>	WCA
Curlew	<i>Numenius arquata</i>	S. 41; DBAP; Amber
Marsh Fritillary	<i>Eurodryas aurinia</i>	S. 41; DBAP; Nb
Marsh Tit	<i>Parus palustris</i>	Red
Meadow Pipit	<i>Anthus pratensis</i>	Amber
Red Kite	<i>Milvus milvus</i>	Amber
Roe Deer	<i>Capreolus capreolus</i>	DA
Skylark	<i>Alauda arvensis</i>	S. 41; Red
Small Heath	<i>Coenonympha pamphilus</i>	S. 41
Small Pearl-Bordered Fritillary	<i>Boloria selene</i>	S. 41; Decline
Stonechat	<i>Saxicola torquata</i>	Amber
Tree Pipit	<i>Anthus trivialis</i>	S. 41; Red
Wall Brown	<i>Lasiommata megera</i>	S. 41

- WCA** **Wildlife and Countryside Act (1981)**
- DA** **Deer Act 1991:** deer protected under the Deer Act.
- 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.
- 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.