

## 1. SNA details

<b>SNA name:</b>	Broomsmead to Thelbridge
<b>SNA unique number:</b>	411
<b>SNA area (ha):</b>	1,654.11



## 2. Summary of nature conservation interest

### Priority BAP habitats:

<b>Main Regional Nature Map habitat:</b>	Woodland
<b>Other Regional Nature Map habitat(s):</b>	
<b>Other UK BAP habitats:</b>	Wet Woodland, Lowland Meadow, Lowland Dry Acid Grassland, Purple Moor Grass & Rush Pasture, Hedges, Rivers.

An area of undulating farmland with some semi-natural woodland areas occurring on some of the steeper slopes and coombes along the River Datch and its tributaries. The River Datch runs across the North of the SNA. Some culm grassland and wet woodland areas occur where springs and tributaries occur. There are also some areas of unimproved neutral, acid and marshy grassland. Species recorded include:

Important species or species assemblage	Status
Ancient woodland Indicator plants e.g. Wood Sorrell, Sanicle, Wood Anemone.	
Farmland birds e.g. Grey Partridge, Barn Owl, Skylark.	S.41 (Grey Partridge, Skylark) DBAP (Barn Owl) Red (Grey Partridge, Skylark) Amber (Barn Owl)
Otter	S.41; DBAP
Butterfly food plants on culm grassland sites e.g. Devils Bit Scabious.	
Invertebrates in culm and other grassland areas e.g. butterflies, moths, dragonflies, damselflies, spiders, flies, beetles.	

See Appendix 1 for further species recorded within SNA 411

## Nature conservation designations

There are no statutory designations within this SNA.

The SNA includes 6 County Wildlife Sites covering habitats including: Wet woodland, secondary broadleaved woodland, unimproved neutral, acid and marshy grassland, semi-improved acid grassland, culm grassland (species-rich rush pasture; molinia mire; tall herb vegetation).

There are no Regionally Important Geological Sites within this SNA.

### 3. UK BAP Priority habitat maintenance and restoration targets for SNA no 411

(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	Lowland mixed deciduous woodland	Lowland beech & yew woodland	Woodland TOTAL	Purple Moor Grass & Rush Pasture	Lowland Meadows	TOTAL
Minimum area *				0.25		0.25
Maximum area #	135	2 **	137	1	3	141

\* 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

\*\* The Accuracy of this habitat data is questionable as this habitat type is not usually found in Devon. These areas of woodland are more likely to be lowland mixed deciduous woodland.

#### 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 semi-natural broadleaved woodland:

- 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.

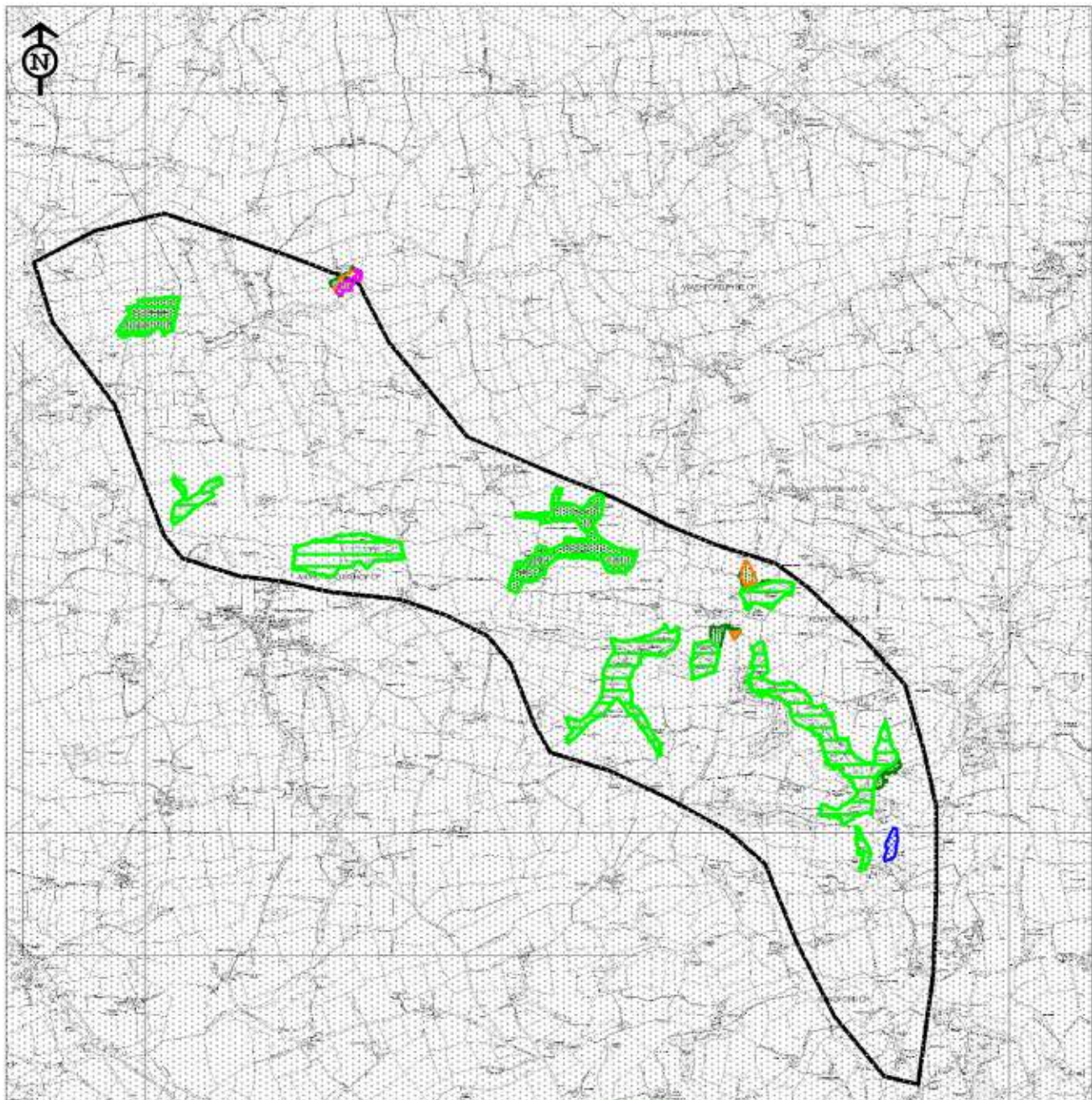
#### **6. Other information**

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 UKBAP priority habitats within SNA no 411 (2009)



-  Lowland Mixed Deciduous Woodland
-  Lowland Meadows
-  \* Lowland Beech & Yew Woodland
-  Purple Moor Grass & Rush Pasture
-  County Wildlife Site (CWS)

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\* The Accuracy of this habitat data is questionable as this habitat type is not usually found in Devon. These areas of woodland are more likely to be lowland mixed deciduous woodland

## Appendix 1: Legally protected & notable species records within SNA 411

Common name	Scientific name	Status
Brown Hairstreak	<i>Thecla betulae</i>	S.41; Nb
Purple Hairstreak	<i>Quercusia quercus</i>	Decline
Primrose	<i>Primula vulgaris</i>	DBAP
Badger	<i>Meles meles</i>	WCA
Wall Brown	<i>Lasiommata megera</i>	S.41
Skylark	<i>Alauda arvensis</i>	S.41; Red
Snipe	<i>Gallinago gallinago</i>	Amber
Barn Owl	<i>Tyto alba</i>	DBAP; Amber
Curlew	<i>Numenius arquata</i>	S.41; DBAP; Amber
Grey Partridge	<i>Perdix perdix</i>	S.41; Red
Hay-scented Buckler-fern	<i>Dryopteris aemula</i>	DN3
Adder's-tongue	<i>Ophioglossum vulgatum</i>	DN1
Otter	<i>Lutra lutra</i>	S.41; DBAP
Snowdrop	<i>Galanthus nivalis</i>	WCA
Roe Deer	<i>Capreolus capreolus</i>	WCA

**WCA** **Wildlife and Countryside Act (1981)**

**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.

**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 Notable<sup>1</sup>:** 1-25 2 km squares in Atlas of Devon Flora 1984.

**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.