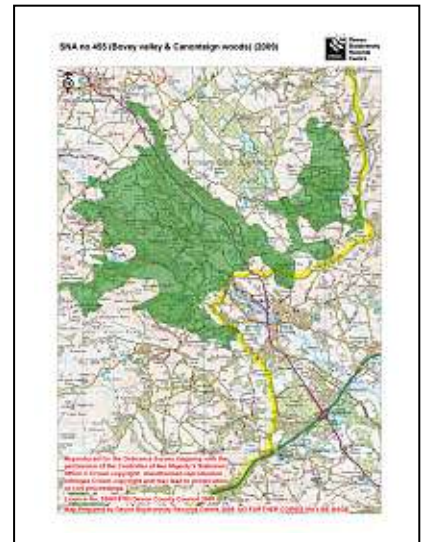


## 1. SNA details

<b>SNA name:</b>	Bovey Valley and Canonteign
<b>SNA unique number:</b>	455
<b>SNA area (ha):</b>	2948.23



## 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>	Upland oak wood, lowland mixed deciduous woodland, upland mixed ashwoods, wet woodland, lowland beech & yew woodland, lowland dry acid grassland, lowland meadow, lowland heathland, purple moor grass & rush pasture, fens*, hedges, rivers.

This SNA is within Dartmoor National Park and contains extensive areas of semi-natural broadleaved woodland, particularly in the Bovey Valley, an important wildlife corridor with the River Bovey running through it. The woodland areas include a variety of different types of woodland which together with heathland and grasslands form a mosaic of habitats. The North-Eastern part of the SNA contains large areas of conifer plantation.

<b>Important species or species assemblage</b>	<b>Status</b>
Lichens and bryophytes in the Bovey Valley woodlands.	Nationally important (lichens) Regionally important (bryophytes)
Dormice	S.41, DBAP
Woodland birds: wood warbler, redstart, pied flycatcher, lesser spotted woodpecker	S.41 (wood warbler, lesser spotted woodpecker)
Notable plant species in acid grassland/dry heath of Lustleigh Cleave e.g. moon wort and adders-tongue fern.	Devon Notable plant species
Butterflies and moths. 650 species recorded in Yarner wood including white admiral, high brown fritillary, orange upperwing, Devon carpet.	S.41 (white admiral, high brown fritillary, orange upperwing)
Heathland birds e.g. breeding dartford warblers and nightjar	S.41, DBAP (dartford warbler, nightjar)
Mire vegetation at Trendlebere Down: Round-leaved sundew, bog asphodel, Southern marsh orchid.	
Otter	S.41, DBAP
Lesser & greater horseshoe bats, brown long-eared bat	S.41 (lesser & greater horseshoe) DBAP (greater horseshoe bat)
Adder & Viviparous lizard in heathland areas	S.41
Chirl bunting breeding territories extend into this SNA.	S.41, DBAP

\*There is a large area within this SNA mapped as 'lowland fen' in the nbn habitat layers however there is some doubt over the accuracy of this mapping. Much of the area which has been mapped as fenn is woodland or heathland habitat. The maintenance targets for this SNA should therefore be regarded with caution.

## 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
SSSI, SAC	South Dartmoor Woods	Extensive areas of ancient semi-natural oak woodland
SSSI	Bovey Valley	Semi-natural broadleaved woodland, with nationally important lichens and regionally important bryophytes
SSSI	Yarner Wood & Trendlebere Down	One of the best remaining ancient oak woodlands in Devon. Trendlebere Down - to the north of Yarner Wood - contains a mosaic of heathland, grassland and valley mire vegetation
NNR	East Dartmoor Woods & Heaths	

There are no County Wildlife Sites in this SNA as it is located within the Dartmoor National Park boundary.

There are 3 Regionally Important Geological Sites in this SNA.

### 3. UK BAP Priority habitat maintenance and restoration targets for SNA no 455 (Bovey valley & Canonteign woods)

(the measurement unit is hectare unless stated otherwise)

**Maintenance targets** (current extent of habitat) – 100 % favourable condition  
(based on NBN habitat layers)

UK BAP priority habitat	Upland Oak Wood	Lowland mixed deciduous woodland	Upland mixed ashwoods	Wet woodland	Lowland beech & yew woodland	WOODLAND TOTAL	Lowland dry acid grassland	Lowland meadow	Lowland heathland	Purple moor grass & rush pasture	Fens	TOTAL
Minimum area *	236	127	133	15		511	0.5	3		0.38		514.88
Maximum area #	237	141	133	15	10 **	536	8	3	95	0.38	511	1153.38

\* 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 look like mixed plantation in aerial photos (2006).

### **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 profile 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.

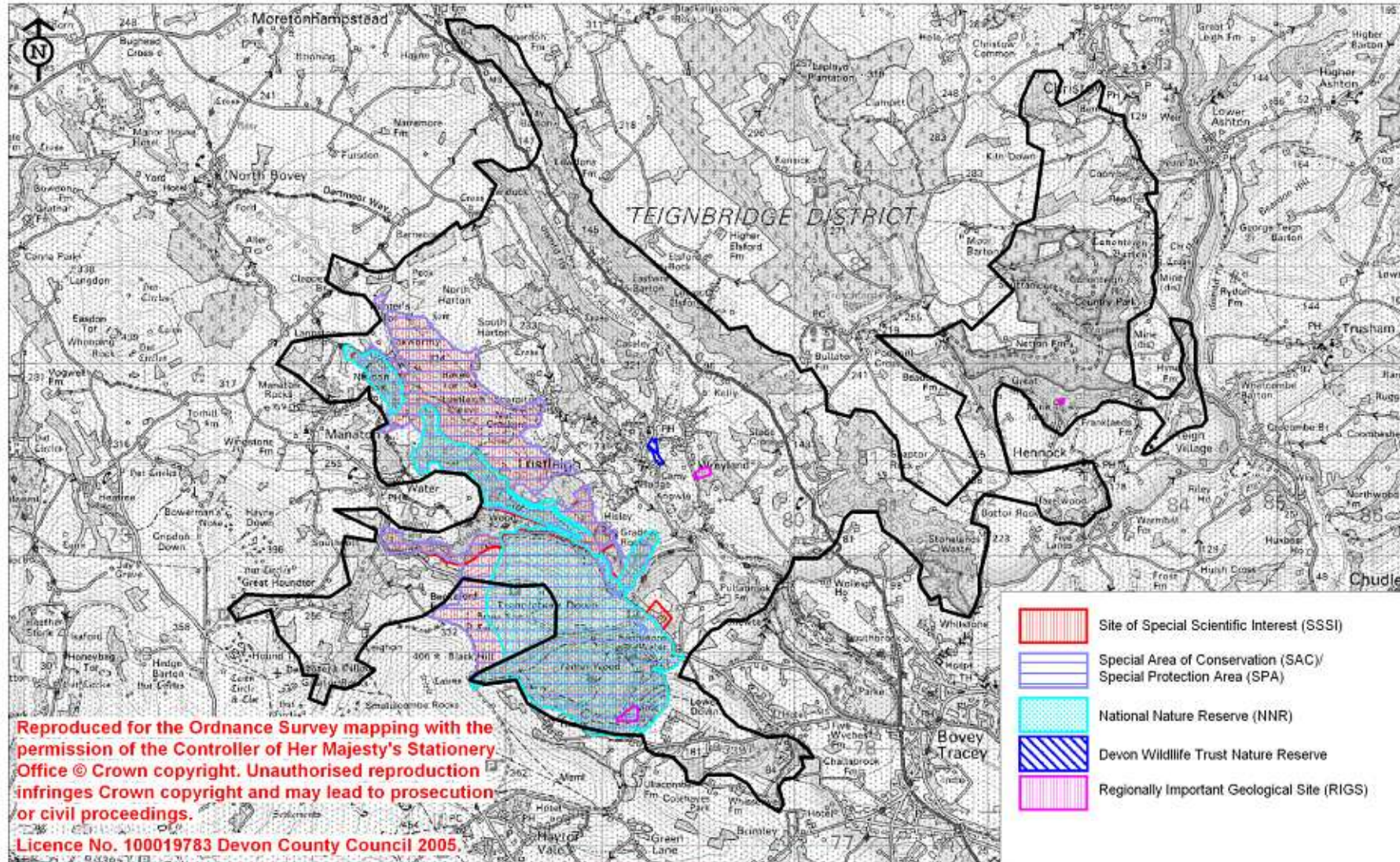
## **6. Other information**

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.

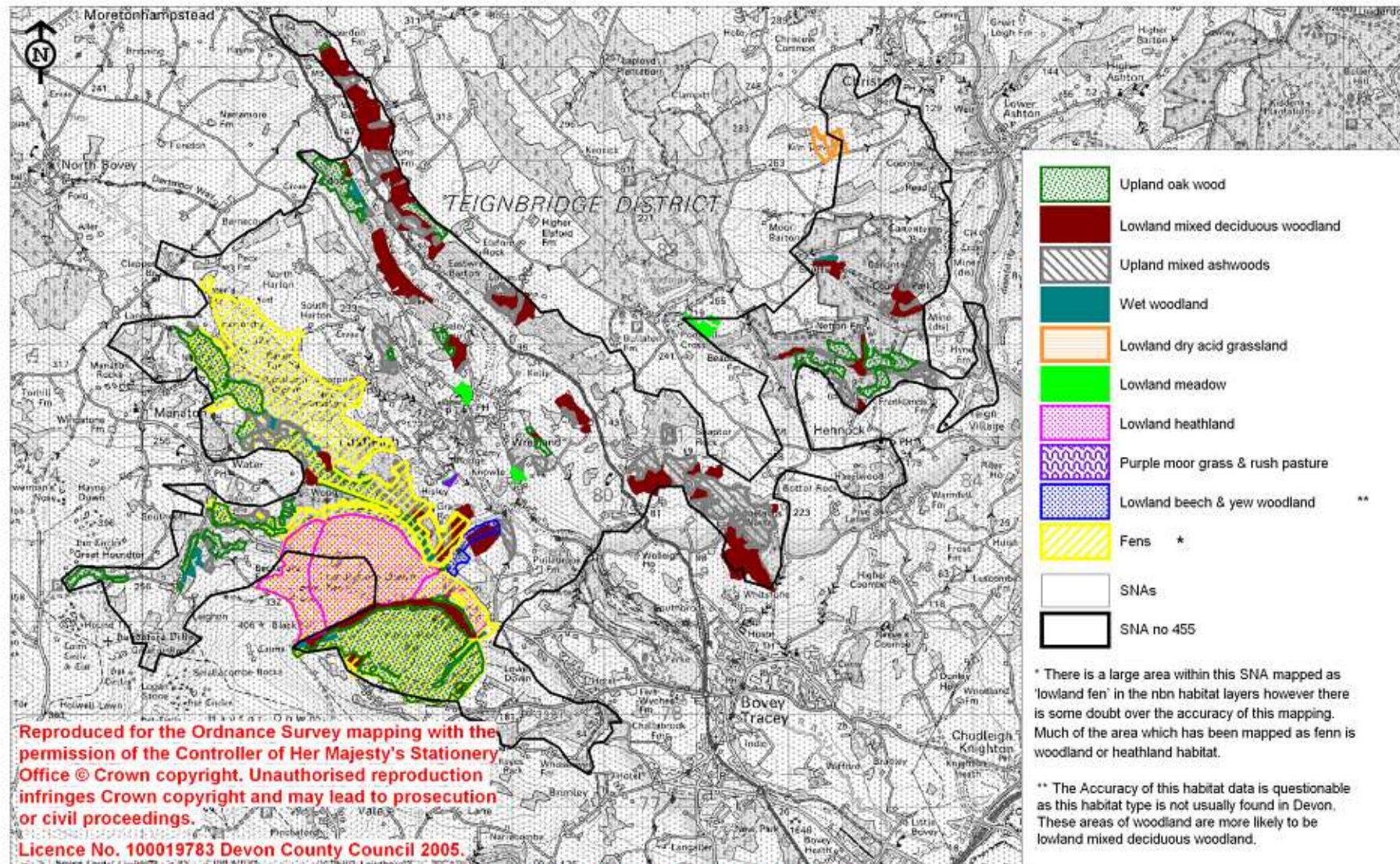
Contents could include:

- Restoration targets for BAP habitats additional to the main nature map habitat.
- Maps detailing areas for restoration
- Nature conservation objectives
- And so on.

# Desingated sites within SNA no 455 (Bovey Valley & Canonteign Woods) (2009)



# Selected UKBAP priority habitats within SNA no 455 (Bovey valley & Canonteign woods) (2009)



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