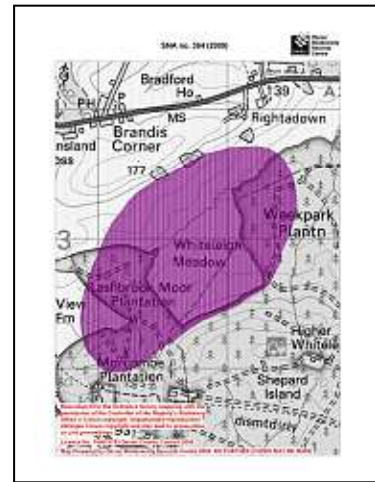


1. SNA details

SNA name:	Whiteleigh Meadow
SNA unique number:	384
SNA area (ha):	185.28



2. Summary of nature conservation interest

Priority BAP habitats

Main Regional Nature Map habitat:	Purple Moor Grass and Rush Pasture
Other Regional Nature Map habitat(s):	
Other UK BAP habitats:	Fen, Hedges, Rivers.

This is a small SNA with one culm grassland Site of Special Scientific Interest. The SSSI is described as a large traditionally-managed area of marshy unimproved grassland, which is very rich botanically. It has been mapped as containing both purple moor grass and rush pasture, and fen BAP habitats. The rest of the SNA contains conifer plantations and improved fields, though there are some good thick hedges remaining.

Important species or species assemblage	Status
Devon notable flowering plants e.g. Lesser Butterfly Orchid, Wavy-Leaved St John's Wort, Dyer's Greenweed, Petty Whin, Slender Spike-rush	S. 41 (Lesser Butterfly Orchid) Devon notable plants
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)
Moths e.g. Narrow-bordered Bee Hawk-moth.	S. 41, Nationally notable
Other invertebrates e.g. dragonflies, damselflies, spiders, flies, beetles.	
Farmland Birds e.g. Curlew, Barn-Owl, Snipe, Reed Bunting.	S. 41 (Curlew, Reed Bunting) DBAP (Curlew, Barn Owl) Amber bird list (Curlew, Barn Owl, Snipe, Reed Bunting)
Dormouse	S. 41, DBAP
Adder	S. 41

Species in **bold** have been recorded in this SNA; other species listed are likely to found in association with this habitat type.

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	Whiteleigh Meadows	Culm grassland with breeding bird interest

3. UK BAP Priority habitat maintenance and restoration targets for SNA no 384

(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	Fen ¹	TOTAL
Minimum area *			
Maximum area #	81	81	162

* 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

¹The NBN habitat layer has a large area in this SNA mapped as 'lowland fen' however there is some doubt over the accuracy of this. Little reference could be found to fen habitat in survey data relating to this area and there is often confusion over the definition of fen and how it overlaps with mire, swamp and bog.

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 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.

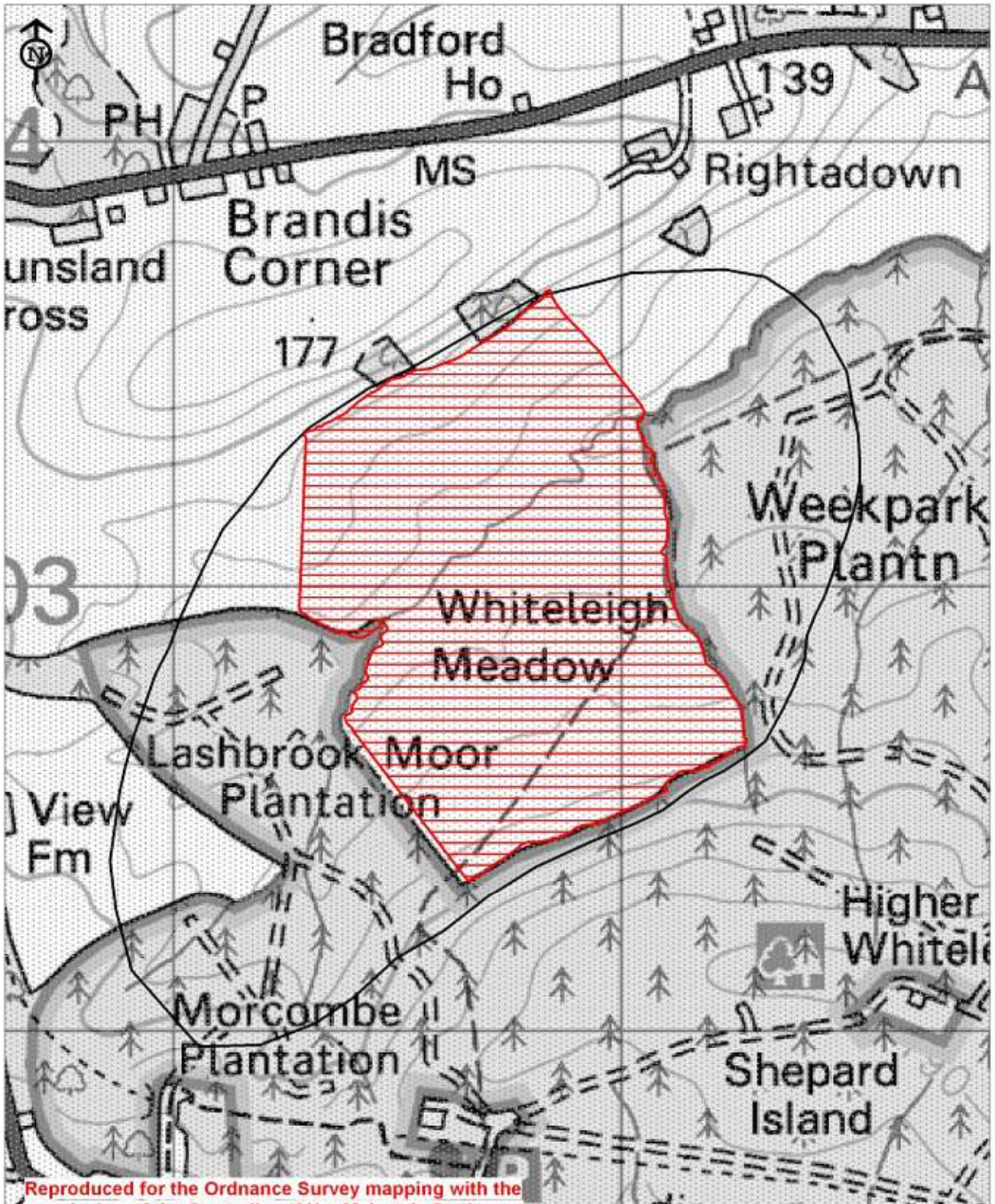
6. Other information

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.

Designated Sites within SNA no. 384 (2009)



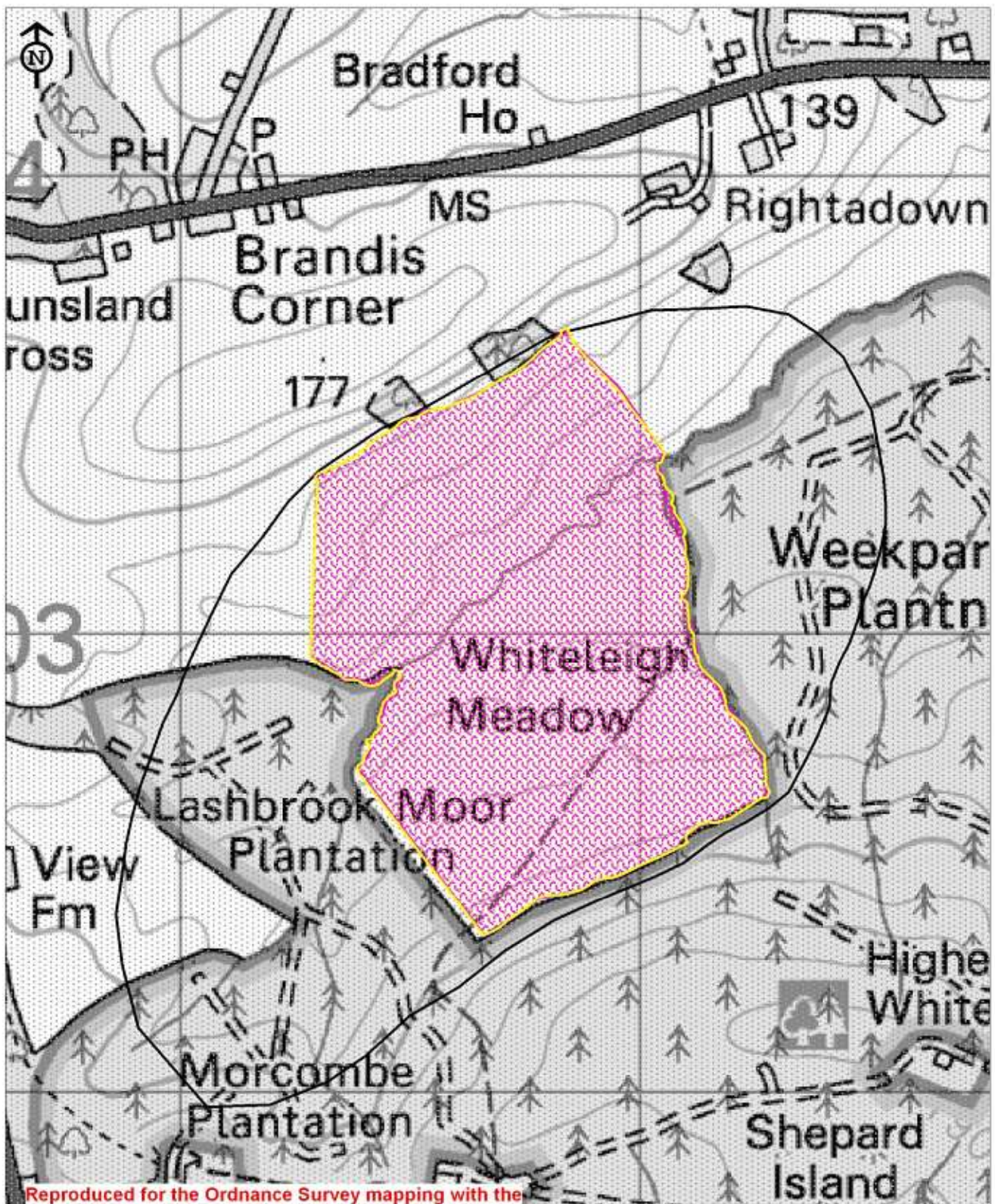
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 Site of Special Scientific Interest (SSSI)

Selected UK BAP Priority Habitats within SNA no. 384 (2009)



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-  Purple Moor Grass and Rush Pasture
-  Fen

Legally protected and notable species recorded within SNA no 384

Common name	Scientific name	Status
Adder	Vipera berus	WCA, S. 41
Curlew	Numenius arquata	S. 41; DBAP; Amber
Dyer's Greenweed	Genista tinctoria	DN1
Green Hairstreak	Callophrys rubi	Decline
Lesser Butterfly-orchid	Platanthera bifolia	S. 41; DN3
Marsh Fritillary	Eurodryas aurinia	WCA; S. 41; DBAP; Nb
Petty Whin	Genista anglica	DN3
Slender Spike-rush	Eleocharis uniglumis	DN1; DR
Small Pearl-bordered Fritillary	Boloria selene	S. 41; Decline
Wavy St. John's-wort	Hypericum undulatum	NS; DN2

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.

NS **Nationally Scarce:** 15-100 10km squares in Atlas of British Flora 1962.

Devon Notable Species: Selected 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.

Nb **Nationally Notable B:** known from 100 or fewer 10km squares. Taken from the Invertebrate Site Register.

Decline Substantial local decline in Devon

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.