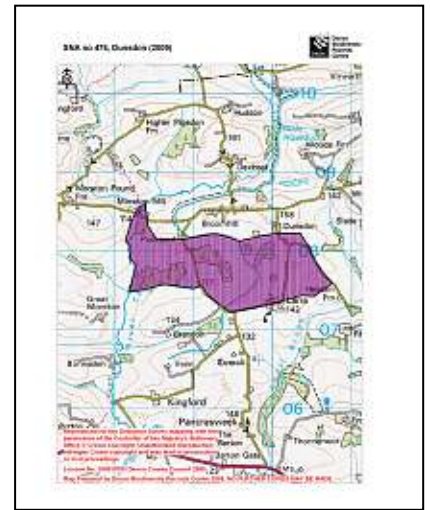


1. SNA details

SNA name:	Dunsdon
SNA unique number:	476
SNA area (ha):	188.67



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, Wet Woodland, Lowland Heathland, Fen, Hedges, Rivers.

The mosaic of purple moor grass & rush pasture, fen, bog, lowland Heath, wet woodland, and lowland mixed deciduous woodland of Dunsdon nature reserve & SSSI make this SNA an important area for plants, birds and invertebrates. The 2 Culm grassland County Wildlife Sites add additional wildlife value to this SNA and aerial photos (2006) reveal further areas within the SNA that look like purple moor grass & rush pasture. The river Tamar runs down the western boundary of the SNA through Puckland Farm CWS. Species recorded are typical of 'culm grassland'.

Important species or species assemblage	Status
Devon notable flowering plants e.g. Lesser Butterfly Orchid, Wavy-Leaved St John's Wort, Whorled Caraway, Petty Whin.	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 (Reed Bunting) DBAP (Curlew, Barn Owl) Red bird list (Reed Bunting) Amber bird list (Curlew, Barn Owl, Snipe)
Common Dormouse	S.41, DBAP

See appendix 1 for a list of further species that have been recorded on this SNA.

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	Dunsdon Farm	Unimproved acidic grassland, scrub, woodland and tall fen

In addition the SNA includes 2 'Culm Grassland' County Wildlife Sites covering habitats including: semi-natural broadleaved woodland, broadleaved woodland-plantation, wet woodland, bog, rush pasture, fen meadow, marshy grassland, improved and semi-improved grassland.

There is a Devon Wildlife Trust nature reserve: Dunsdon reserve in this SNA.

There are no Regionally Important Geological Sites.

3. UK BAP Priority habitat maintenance and restoration targets for SNA no 476 (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	Purple Moor Grass & Rush Pasture	Lowland mixed deciduous woodland	Wet Woodland	Woodland TOTAL	Lowland Heathland	TOTAL
Minimum area *	0.5	2	10	12	1	13.5
Maximum area #	14	2	10	12	1	27

* 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.

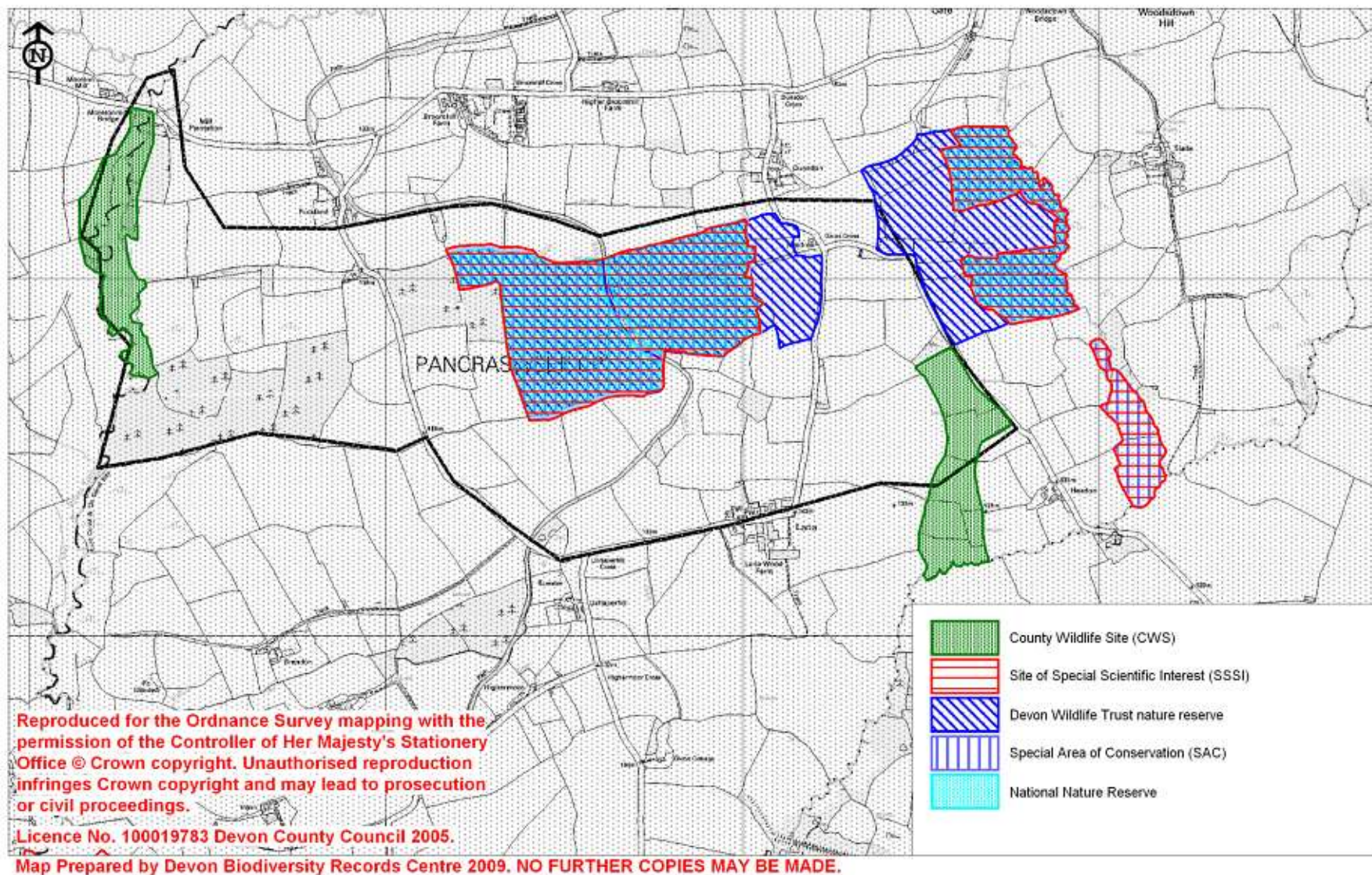
6. Other information

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.

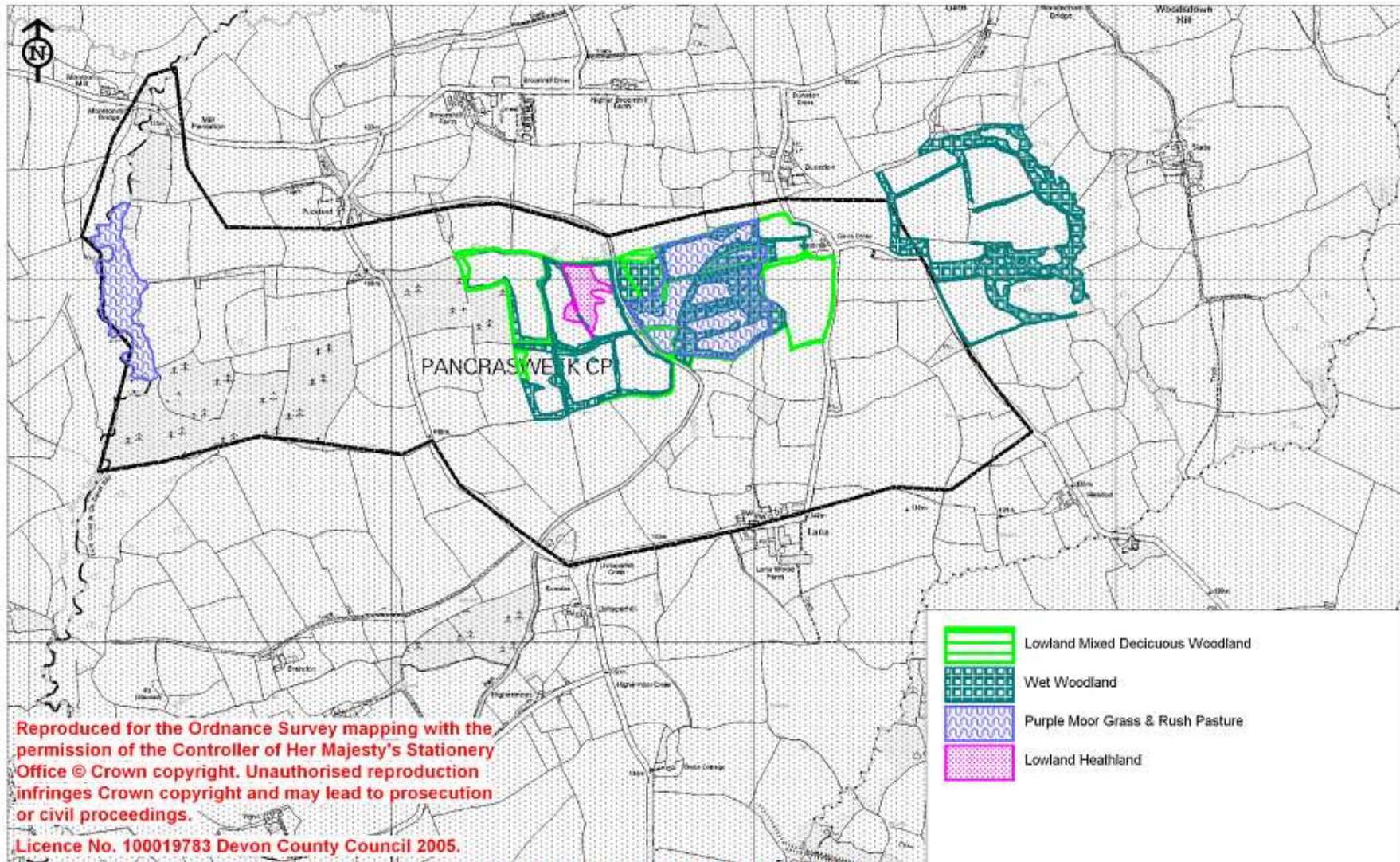
Contents could include:

- 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 476, Dunsdon (2009)



Selected UKBAP priority habitats within SNA 476, Dunsdon (2009)



Appendix 1: Legally protected & notable species within SNA 476, Dunsdon (2009)

Common name	Scientific name	Status
Barn Owl	<i>Tyto alba</i>	DBAP; Amber
Black-headed Gull	<i>Larus ridibundus</i>	Amber
Buckthorn	<i>Rhamnus cathartica</i>	DN1; DR
Bullfinch	<i>Pyrrhula pyrrhula</i>	S.41; Red
Common Dormouse	<i>Muscardinus avellanarius</i>	S.41; DBAP
Cuckoo	<i>Cuculus canorus</i>	S.41; Amber
Curlew	<i>Numenius arquata</i>	S.41; DBAP; Amber
Dingy Skipper	<i>Erynnis tages</i>	S.41; Decline
Dunnock	<i>Prunella modularis</i>	Amber
Early Marsh-orchid	<i>Dactylorhiza incarnata</i>	DN2
Fieldfare	<i>Turdus pilaris</i>	Amber
Goldcrest	<i>Regulus regulus</i>	Amber
Grasshopper Warbler	<i>Locustella naevia</i>	S.41; Red
Green Hairstreak	<i>Callophrys rubi</i>	Decline
Harvest Mouse	<i>Micromys minutus</i>	S.41
House Martin	<i>Delichon urbica</i>	Amber
Lapwing	<i>Vanellus vanellus</i>	S.41; Amber
Lesser Butterfly-Orchid	<i>Platanthera bifolia</i>	S.41; DN3
Lesser Spotted Woodpecker	<i>Dendrocopos minor</i>	Red
Marsh Cinquefoil	<i>Potentilla palustris</i>	DN3
Marsh Fritillary	<i>Eurodryas aurinia</i>	S.41; DBAP; Nb
Marsh Tit	<i>Parus palustris</i>	Red
Mistle Thrush	<i>Turdus viscivorus</i>	Amber
Narrow-bordered Bee Hawk	<i>Hemaris tityus</i>	S.41; Na
Petty Whin	<i>Genista anglica</i>	DN3
Primrose	<i>Primula vulgaris</i>	DBAP
Purple Hairstreak	<i>Quercusia quercus</i>	Decline
Redstart	<i>Phoenicurus phoenicurus</i>	Amber
Redwing	<i>Turdus iliacus</i>	Amber
Reed Bunting	<i>Emberiza schoeniclus</i>	S.41; Red
Roe Deer	<i>Capreolus capreolus</i>	WCA
Round-leaved Crowfoot	<i>Ranunculus omiophyllus</i>	DN1
Short-Eared Owl	<i>Asio flammeus</i>	Amber
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
Snipe	<i>Gallinago gallinago</i>	Amber
Song Thrush	<i>Turdus philomelos</i>	S.41; Red
Spotted Flycatcher	<i>Muscicapa striata</i>	S.41; Red
Starling	<i>Sturnus vulgaris</i>	Red
Swallow	<i>Hirundo rustica</i>	Amber
Tree Pipit	<i>Anthus trivialis</i>	S.41; Amber
Viviparous Lizard	<i>Lacerta vivipara</i>	S.41
Water Avens	<i>Geum rivale</i>	DN1
Wavy St. John's-wort	<i>Hypericum undulatum</i>	NS; DN2
Whorled Caraway	<i>Carum verticillatum</i>	DN2

Common name	Scientific name	Status
Willow Tit	<i>Parus montanus</i>	Red
Willow Warbler	<i>Phylloscopus trochilus</i>	Amber
Wood White	<i>Leptidea sinapis</i>	S.41; Nb
Woodcock	<i>Scolopax rusticola</i>	Amber
Yellow Loosestrife	<i>Lysimachia vulgaris</i>	DN2

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.

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

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 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.

Na **Nationally Notable A:** known from 30 or fewer 10km squares. Taken from the Invertebrate Site Register.

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.