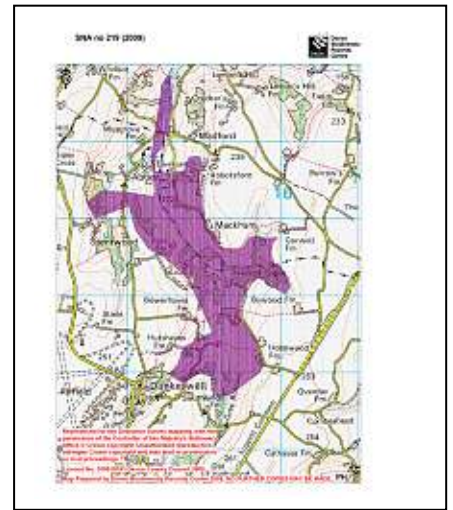


1. SNA details

SNA name:	Dunkeswell
SNA unique number:	219
SNA area (ha):	286.24



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 Dry Acid Grassland, Lowland Meadows, Lowland Mixed Deciduous Woodland, Wet Woodland, Lowland Heathland, Hedges, Rivers, Ponds.

This SNA occurs within the Blackdown Hills AONB, on the valley sides and fields alongside the River Madford. Purple moor grass & rush pasture*, acidic & marshy grassland, unimproved neutral grassland and wet woodland occur alongside the river. Ancient semi-natural woodland occurs on the steeper valley sides and in the coombe leading down to the river. There are also areas of wet and dry heath, bogs and lowland dry acid grassland. Some of the important species recorded in this SNA include:

Important species or species assemblage	Status
Butterflies: Small Pearl-Bordered Fritillary, Brown Hairstreak.	S.41
Devon notable species associated with meadows e.g. Dyer's Greenweed, Corky-Fruited Water Dropwort, Primrose.	Devon Notable Plants
Devon notable species associated with wet habitats e.g. Long-Leaved Sundew, Bog Myrtle, White Beak-Sedge, Bottle Sedge, Pink Water-Speedwell, Round-Leaved Crowfoot.	Devon Notable Plants
Dormice	S.41 , DBAP
Farmland birds: Snipe, Curlew.	S.41 , DBAP (curlew) Amber
Otter	S.41; DBAP

* Aerial photographs and recent surveys show extent of purple moor grass and rush pasture to be greater than that mapped on the nbn habitat layers referred to in this report. The nbn layers were mapped in 2003 using aerial photos together with survey information available at the time.

Nature conservation designations

There are no statutory sites within this SNA.

This SNA is in the Blackdown Hills AONB.

This SNA includes 14 County Wildlife Sites covering habitats including: Ancient semi-natural woodland, wet & dry secondary woodland, scrub, bog, unimproved acidic and marshy grassland, unimproved neutral grassland, springline mire, rush pasture, wet & dry heath, ponds, river.

There are no Regionally Important Geological Sites.

3. UK BAP Priority habitat maintenance and restoration targets for SNA no 219

(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	Purple Moor Grass & Rush Pasture	Lowland mixed deciduous woodland	Wet Woodland	Woodland TOTAL	Lowland Dry Acid Grassland	Lowland Heathland	TOTAL
Minimum area *							
Maximum area #	1	20	6	26	8	2	37

* *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

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 and selected UKBAP priority habitats within SNA no 219 (2009)

