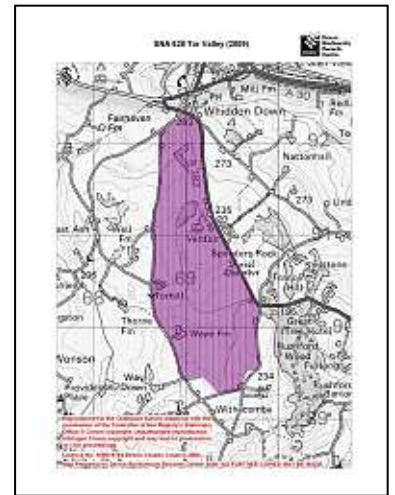


1. SNA details

SNA name:	The Planarian
SNA unique number:	628
SNA area (ha):	217.77



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:	Lowland acid grassland, lowland meadow, wet woodland, hedges, rivers

This SNA is within the Dartmoor National Park, and consists of a shallow valley system, with a hill to the north. The land is between 215 and 260 metres above sea level. It contains a large area of Purple Moor Grass and Rush Pasture, surrounded by farmland. There is also some unimproved acid and neutral grassland, and some wet woodland, although these sites have not been mapped on the UKBAP Priority Habitat Inventories. The Tor Valley County Wildlife Site contains good populations of Marsh Fritillaries, and is also a Southern Damselfly site.

The SNA overlapped with part of SNA 627 (also called Tor Valley) on the original South West Nature Map, but this has been changed on the recent version, so it is now adjacent to SNA 627.

Important species or species assemblage	Status
Devon notable flowering plants e.g. Lesser Butterfly Orchid, Wavy-Leaved St John's Wort, Royal Fern .	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, Wall Brown .	S.41 (Marsh Fritillary, Small Pearl-Bordered Fritillary, Wall Brown) DBAP, Nationally notable (Marsh Fritillary)
Moths e.g. Narrow-bordered Bee Hawk-moth.	S.41, Nationally notable
Other invertebrates e.g. Southern Damselfly, Keeled Skimmer , spiders, flies, beetles.	Internationally Important, S.41, DBAP (Southern Damselfly) Nationally Important (Keeled Skimmer)
Farmland Birds e.g. Curlew, Barn-Owl, Snipe, Reed Bunting .	S.41 (Reed Bunting) DBAP (Curlew, Barn Owl) Amber bird list (Curlew, Barn Owl, Snipe, Reed Bunting)
Dormouse	S.41, DBAP
Otter	S.41, DBAP

Species in **bold** recorded on this SNA. See Appendix 1 for further species recorded in SNA 628

Nature conservation designations

There are no designated sites within this SNA.

There is one County Wildlife Site (split into three separate areas) covering habitats including: Culm grassland, valley mire, semi improved acid, neutral and marshy grassland, scrub and wet woodland

There are no Regionally Important Geological Sites present.

3. UK BAP Priority habitat maintenance and restoration targets for SNA no 628

(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	TOTAL
Minimum area *	7	7
Maximum area #	38	38

* *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 and rush pasture:

- 60% cover of priority habitat
- 0% 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.

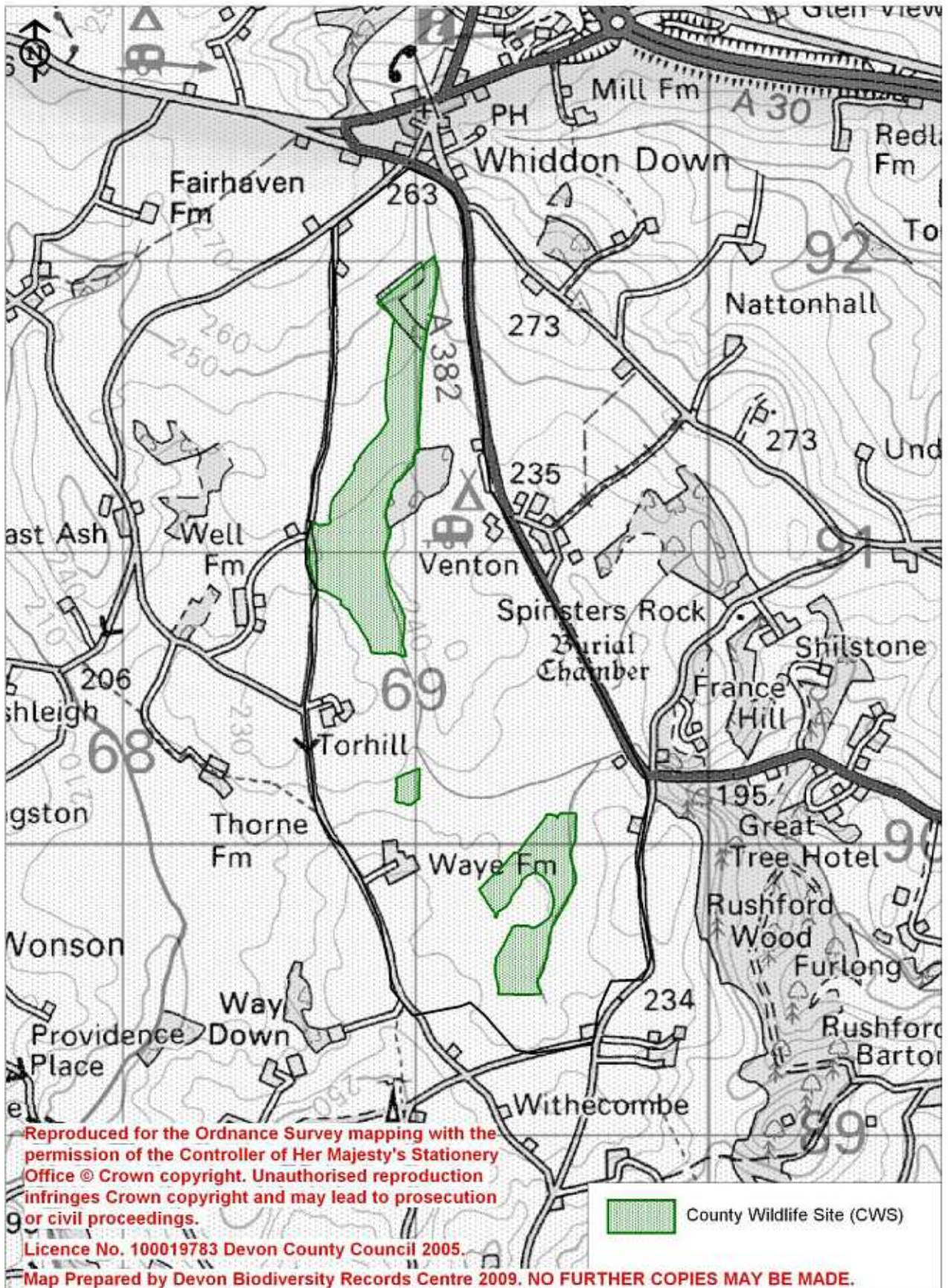
6. Other information

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.

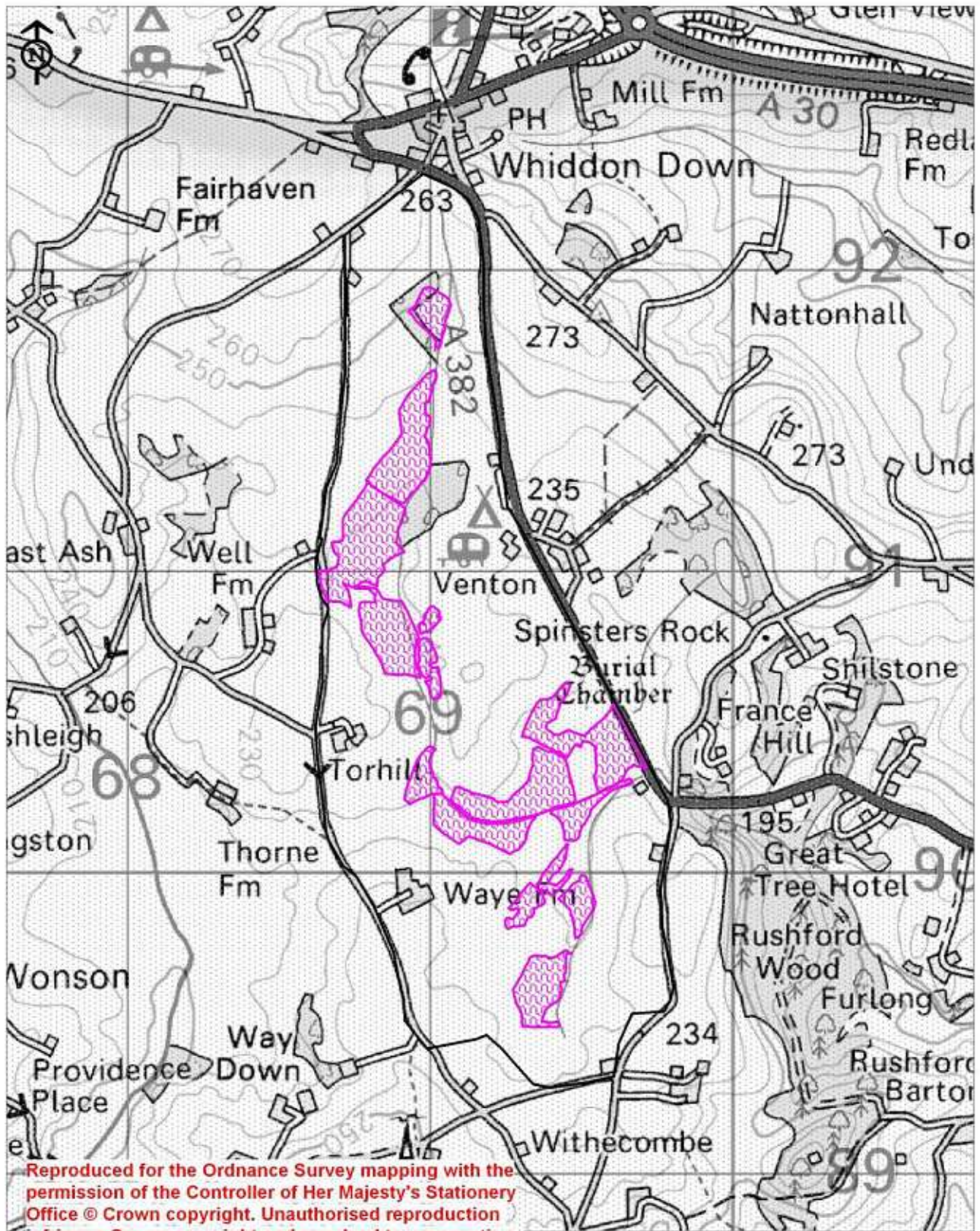
Contents could include:


- 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 628 Tor Valley (2009)



Selected UKBAP Habitats within SNA 628 Tor Valley (2009)



 Purple Moor Grass and Rush Pasture

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Appendix 1: Legally protected and notable species found within SNA 628 Tor Valley

Common name	Scientific name	Status
Japanese Knotweed	Fallopia japonica	WCA
Keeled Skimmer	Orthetrum coerulescens	KeyD (N)
Marsh Fritillary	Eurodryas aurinia	WCA; S.41; DBAP; Nb
Reed Bunting	Emberiza schoeniclus	S.41; Amber
Roe Deer	Capreolus capreolus	DA
Royal Fern	Osmunda regalis	DN3
Small Pearl-Bordered Fritillary	Boloria selene	S.41; Decline
Southern Damselfly	Coenagrion mercuriale	WCA; S.41; DBAP; KeyD (I)
Wall Brown	Lasiommata megera	S.41

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

DA **Deer Act 1991:** deer protected under the Deer Act.

S.41 **Species or habitat of principal importance in England (i.e. English BAP priority species / habitats** – 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 Atlas of Devon Flora 1984 (R.B. Ivimey-Cook, Department of Biological Sciences, The University of Exeter):

DN3 **Devon Notable³:** 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

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.

KeyD (I) **Internationally Important Key Dragonfly Species:** those which are rare in Great Britain (RDB3 and found in less than 1% of the 10km squares in Britain) i.e. Southern damselfly (Coenagrion mercuriale).

KeyD (N) **Nationally Important Key Dragonfly Species:** those which have been recorded in less than 10% of 10km squares in Britain. Those occurring in Devon are White-legged damselfly (Zygoptera pennipes) Scarce blue-tailed damselfly (Ischnura pumilio) Small red damselfly (Ceriagrion tenellum) Hairy dragonfly (Brachytron pratense) Downy emerald (Cordulia aenea) and Keeled skimmer (Orthetrum coerulescens).