

1. SNA details

SNA name:	Bickleigh Vale
SNA unique number:	496
SNA area (ha):	2,339.07



2. Summary of nature conservation interest

Priority BAP habitats:

Main Regional Nature Map habitat:	Woodland
Other Regional Nature Map habitat(s):	
Other UK BAP habitats:	Upland Oakwood, Lowland Meadows, Hedges, Rivers.

This SNA contains sites listed on the ancient woodland inventory. Some of these have been replanted with conifer and broadleaved plantation but there are areas that still exist as semi-natural broadleaved woodland, in particular at Shaugh Prior Woods SSSI which is important for its ancient oak woodlands. There are also some areas of Lowland Meadow.

Important species or species assemblage	Status
Lichens and mosses at Shaugh Prior Woods.	
Woodland breeding birds e.g. Tawny Owl, Great Spotted Woodpecker.	
Nesting birds along watercourses e.g. Dipper, Grey Wagtail.	
Ancient Woodland Indicator plants e.g. Greater Woodrush, Scaly Male Fern, Wood Sorrell.	
Common Dormouse	S.41; DBAP
Bats e.g. Brown Long-eared Bat, Noctule.	S.41
Otter	S.41; DBAP
Plymouth Pear	S.41, Devon notable, Devon rarity, endangered

Slate quarries and an Iron mine in this SNA have led some to important exposures of Dartmoor Granite.

See Appendix 1 for further species recorded in SNA no 496.

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	Shaugh Prior Woods	Ancient oak woodland which support a rich lichen & moss flora including some rare & local species of lichen

In addition the SNA includes 8 County Wildlife Sites covering habitats including: Ancient semi-natural broadleaved woodland, secondary broadleaved woodland, unimproved neutral grassland.

There are also 6 Regionally Important Geological Sites.

3. UK BAP Priority habitat maintenance and restoration targets for SNA no 496 (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	Lowland mixed deciduous woodland	Lowland beech & yew woodland	Upland Oak Woodland	Undetermined Woodland	Woodland TOTAL	Lowland Meadow	TOTAL
Minimum area *	1				1	0.25	1.25
Maximum area #	466	513 **	77	1	1057	3	1060

* 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 of woodland are more likely to be lowland mixed deciduous woodland.**

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.

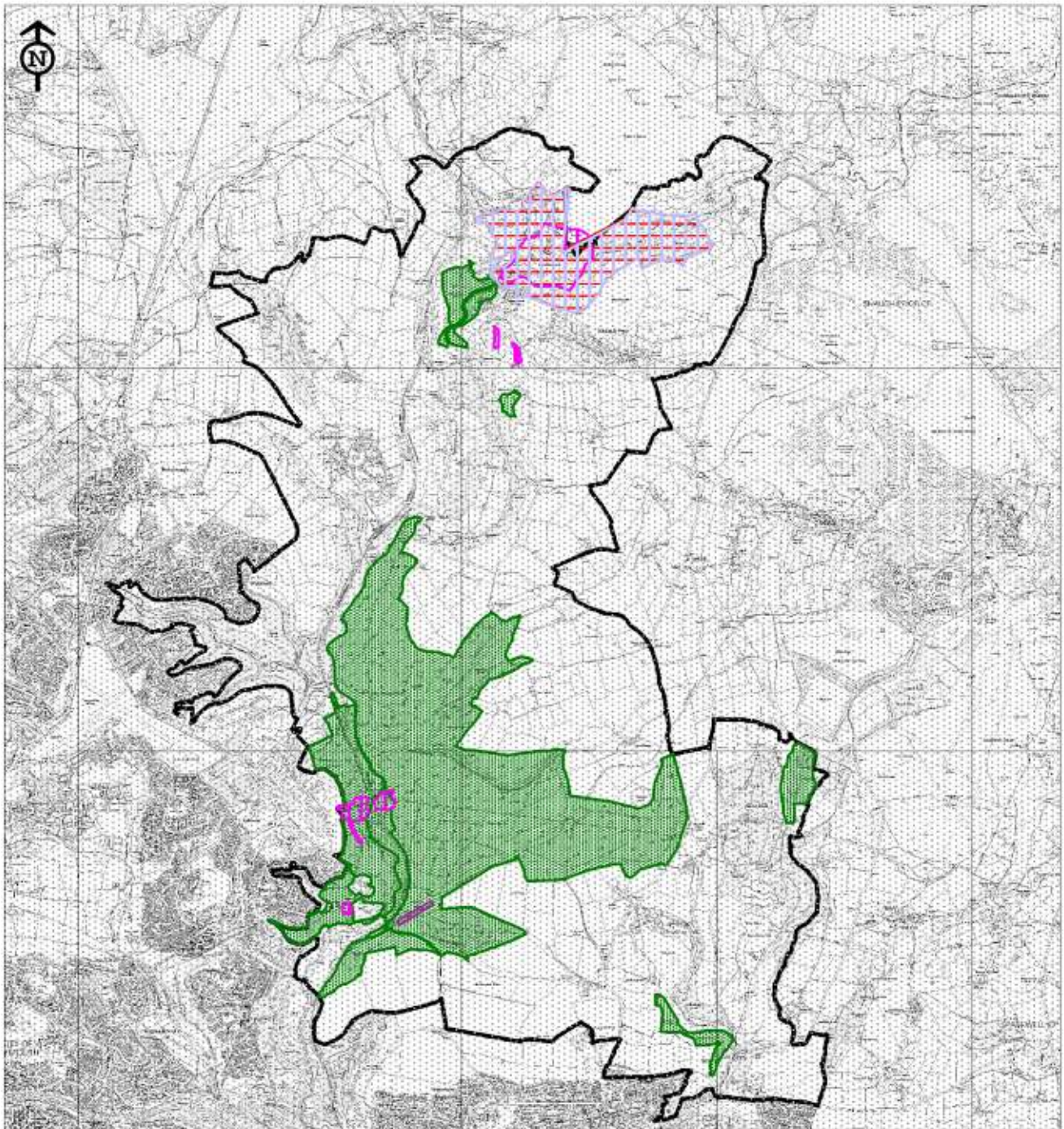
6. Other information

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.

Designated sites within SNA no 496 (2009)



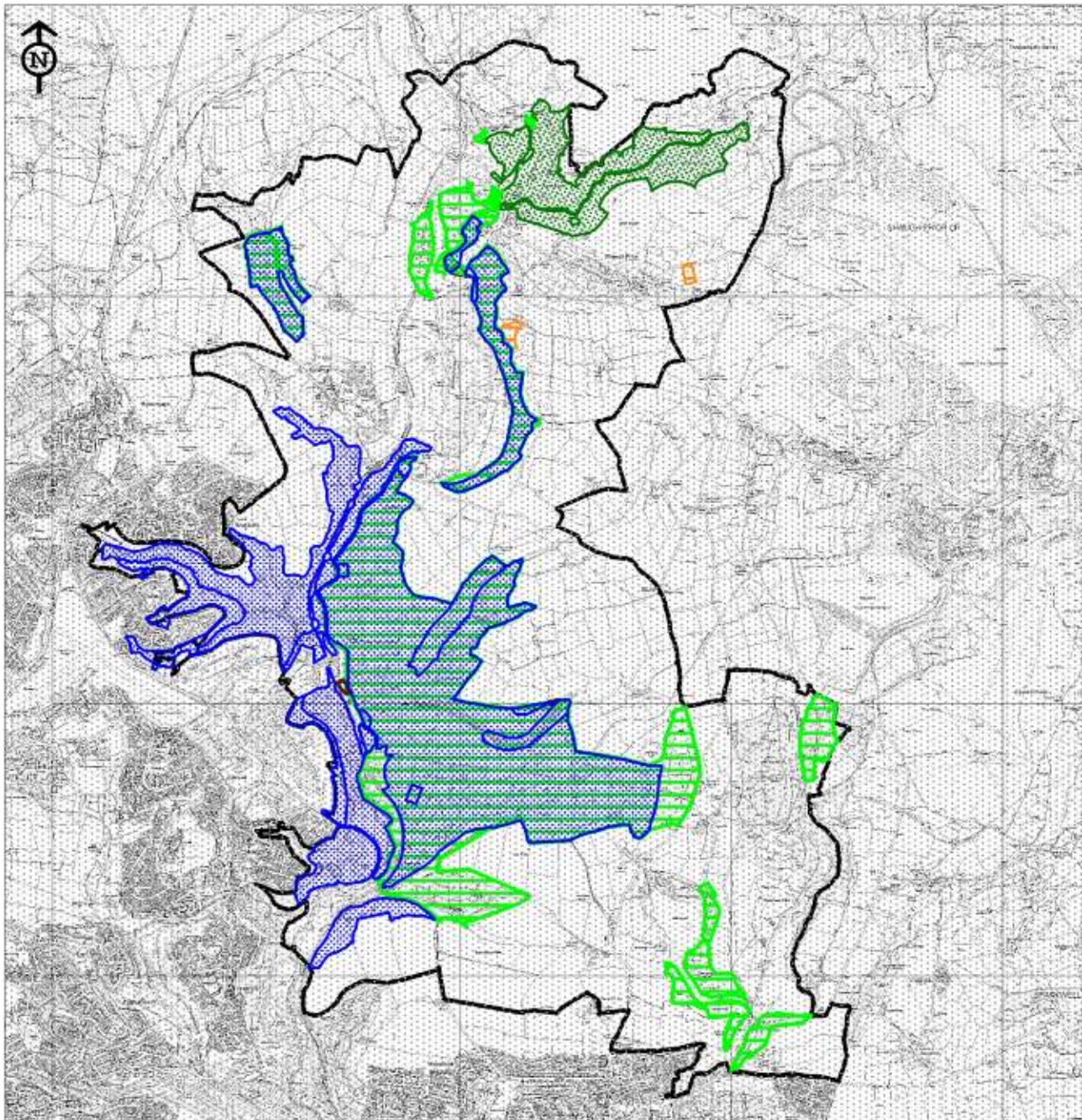
-  Site of Special Scientific Interest (SSSI)
-  County Wildlife Sites (CWS)
-  Regionally Important Geological Sites (RIGS)
-  Special Area of Conservation (SAC)

Reproduced for the Ordnance Survey mapping with the permission of the Controller of Her Majesty's Stationery Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings.

Licence No. 100019783 Devon County Council 2005.

Map Prepared by Devon Biodiversity Records Centre 2009. NO FURTHER COPIES MAY BE MADE.

UKBAP priority habitats within SNA no 496 (2009)



-  Lowland Mixed Deciduous Woodland
-  Lowland Meadows
-  Upland Oak Woodland
-  * Lowland Beech & Yew Woodland
-  Undetermined Woodland

Reproduced for the Ordnance Survey mapping with the permission of the Controller of Her Majesty's Stationery Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings.

Licence No. 100019783 Devon County Council 2005.

Map Prepared by Devon Biodiversity Records Centre 2009. NO FURTHER COPIES MAY BE MADE.

* The Accuracy of this habitat data is questionable as this habitat type is not usually found in Devon. These areas of woodland are more likely to be lowland mixed deciduous woodland.

Appendix 1: Legally protected & notable species recorded in SNA no 496

Common name	Scientific name	Status
Welsh Poppy	<i>Meconopsis cambrica</i>	NS
Fallow Deer	<i>Dama dama</i>	WCA
Primrose	<i>Primula vulgaris</i>	DBAP
Badger	<i>Meles meles</i>	WCa
Bastard Balm	<i>Melittis melissophyllum</i>	S.41; NS; DN2
Mistle Thrush	<i>Turdus viscivorus</i>	Amber
Redwing	<i>Turdus iliacus</i>	Amber
Cyperus Sedge	<i>Carex pseudocyperus</i>	DN1
Purple Hairstreak	<i>Quercusia quercus</i>	Decline
Green Woodpecker	<i>Picus viridis</i>	Amber
Ivy-leaved Bellflower	<i>Wahlenbergia hederacea</i>	DN3
Song Thrush	<i>Turdus philomelos</i>	S.41; Red
Small-leaved Lime	<i>Tilia cordata</i>	DN1
Wild Service-tree	<i>Sorbus torminalis</i>	DN2
Stonechat	<i>Saxicola torquata</i>	Amber
Lapwing	<i>Vanellus vanellus</i>	S.41; Amber
Redstart	<i>Phoenicurus phoenicurus</i>	Amber
Snipe	<i>Gallinago gallinago</i>	Amber
White Admiral	<i>Ladoga camilla</i>	Decline
Viviparous Lizard	<i>Lacerta vivipara</i>	S.41
Bullfinch	<i>Pyrrhula pyrrhula</i>	S.41; Red
Common Toad	<i>Bufo bufo</i>	S.41
Kingfisher	<i>Alcedo atthis</i>	Amber
Wall Brown	<i>Lasiommata megera</i>	S.41
Eel	<i>Anguilla anguilla</i>	S.41
Bur Parsley	<i>Anthriscus caucalis</i>	DN1
Rigid Hornwort	<i>Ceratophyllum demersum</i>	DN1
Small Pondweed	<i>Potamogeton berchtoldii</i>	DN1
Fringed Water-lily	<i>Nymphoides peltata</i>	NS; DN1; DR
Hornwort	<i>Ceratophyllum demersum</i>	DN1
a ground beetle	<i>Anisodactylus nemorivagus</i>	S.41
Goldcrest	<i>Regulus regulus</i>	Amber
Grey Wagtail	<i>Motacilla cinerea</i>	Amber
Otter	<i>Lutra lutra</i>	S.41; DBAP
Skylark	<i>Alauda arvensis</i>	S.41; Red
Marsh Tit	<i>Parus palustris</i>	Red
Cornish Moneywort	<i>Sibthorpia europaea</i>	NS; DN3
Swallow	<i>Hirundo rustica</i>	Amber
Common Frog	<i>Rana temporaria</i>	WCA
Small-flowered Buttercup	<i>Ranunculus parviflorus</i>	DN3
Pipistrelle	<i>Pipistrellus pipistrellus</i>	WCA
Adder	<i>Vipera berus</i>	S.41
Spurge-Laurel	<i>Daphne laureola</i>	DN2
Grass Snake	<i>Natrix natrix</i>	S.41
Pearl-bordered Fritillary	<i>Boloria euphrosyne</i>	S.41; DBAP; Nb
Mossy Stonecrop	<i>Crassula tillaea</i>	NS
Little-Robin	<i>Geranium purpureum</i>	NR; DN1
Dunnock	<i>Prunella modularis</i>	Amber
House Martin	<i>Delichon urbica</i>	Amber
Summer Snowflake	<i>Leucojum aestivum</i>	NS; DN1; DR

Common name	Scientific name	Status
Rat's-tail Fescue	<i>Vulpia myuros</i>	DN2
Sea Trout	<i>Salmo trutta</i>	S.41
High Brown Fritillary	<i>Argynnis adippe</i>	S.41; RDB2
Small Pearl-bordered Fritillary	<i>Boloria selene</i>	S.41; Decline
Shepherd's Cress	<i>Teesdalia nudicaulis</i>	DN2
Plymouth Pear	<i>Pyrus cordata</i>	S.41; DN1; DR; endg
Small Heath	<i>Coenonympha pamphilus</i>	S.41
Nightjar	<i>Caprimulgus europaeus</i>	S.41; DBAP; Red
a Bat	Chiroptera	WCA
Common Dormouse	<i>Muscardinus avellanarius</i>	S.41; DBAP
Dark Green Fritillary	<i>Argynnis aglaja</i>	Decline
Round-leaved Crane's-bill	<i>Geranium rotundifolium</i>	DN3
Roe Deer	<i>Capreolus capreolus</i>	WCA
Noctule	<i>Nyctalus noctula</i>	S.41
Brown Long-Eared Bat	<i>Plecotus auritus</i>	S.41
Daubenton's Bat	<i>Myotis daubentoni</i>	WCA
Natterer's Bat	<i>Myotis nattereri</i>	WCA
Laneolate Spleenwort	<i>Asplenium obovatum</i>	NS; DN3
Cormorant	<i>Phalacrocorax carbo</i>	Amber
Slow-worm	<i>Anguis fragilis</i>	S.41
Willow Warbler	<i>Phylloscopus trochilus</i>	Amber
House Sparrow	<i>Passer domesticus</i>	S.41; Red
Wild Mignonette	<i>Reseda lutea</i>	DN1
Galingale	<i>Cyperus longus</i>	NS; DN1; DR
Cinnabar	<i>Tyria jacobaeae</i>	S.41
Grayling	<i>Hipparchia semele</i>	S.41
Snowdrop	<i>Galanthus nivalis</i>	WCA
Orpine	<i>Sedum telephium</i>	DN3
Kestrel	<i>Falco tinnunculus</i>	Amber
Smooth Brome	<i>Bromus racemosus</i>	DN2
Royal Fern	<i>Osmunda regalis</i>	DN3

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.

NR

Nationally Rare: 1-15 10km squares in Atlas of British Flora 1962.

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.

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.