

Nature conservation designations

This SNA falls within the East Devon Area of Outstanding Natural Beauty (AONB).

There is a Local Nature Reserve at Holyford Woods in the eastern section of the SNA.

In addition, the SNA includes 38 County Wildlife Sites covering habitats including: dry heath, unimproved acidic, neutral & calcareous grassland, semi-improved neutral grassland, marshy grassland, dense bracken, springline mire, ancient semi-natural broadleaved woodland, secondary mixed woodland, wet woodland, wood pasture, coniferous plantation and scrub.

There are two Regionally Important Geological Sites present, one which shows the relationship between Middle Chalk and Upper Greensand and one with a Loess section.

3. UK BAP Priority habitat maintenance and restoration targets for SNA no 492 (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	Wet Woodland	Woodland TOTAL	Lowland Meadow	Lowland Calcareous Grassland	Lowland dry acid grassland	Lowland Heathland	TOTAL
Minimum area *	0	0	0	0	0	0	0.6	0.6
Maximum area #	213	6	219	90	21	2	16	348

* 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 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.

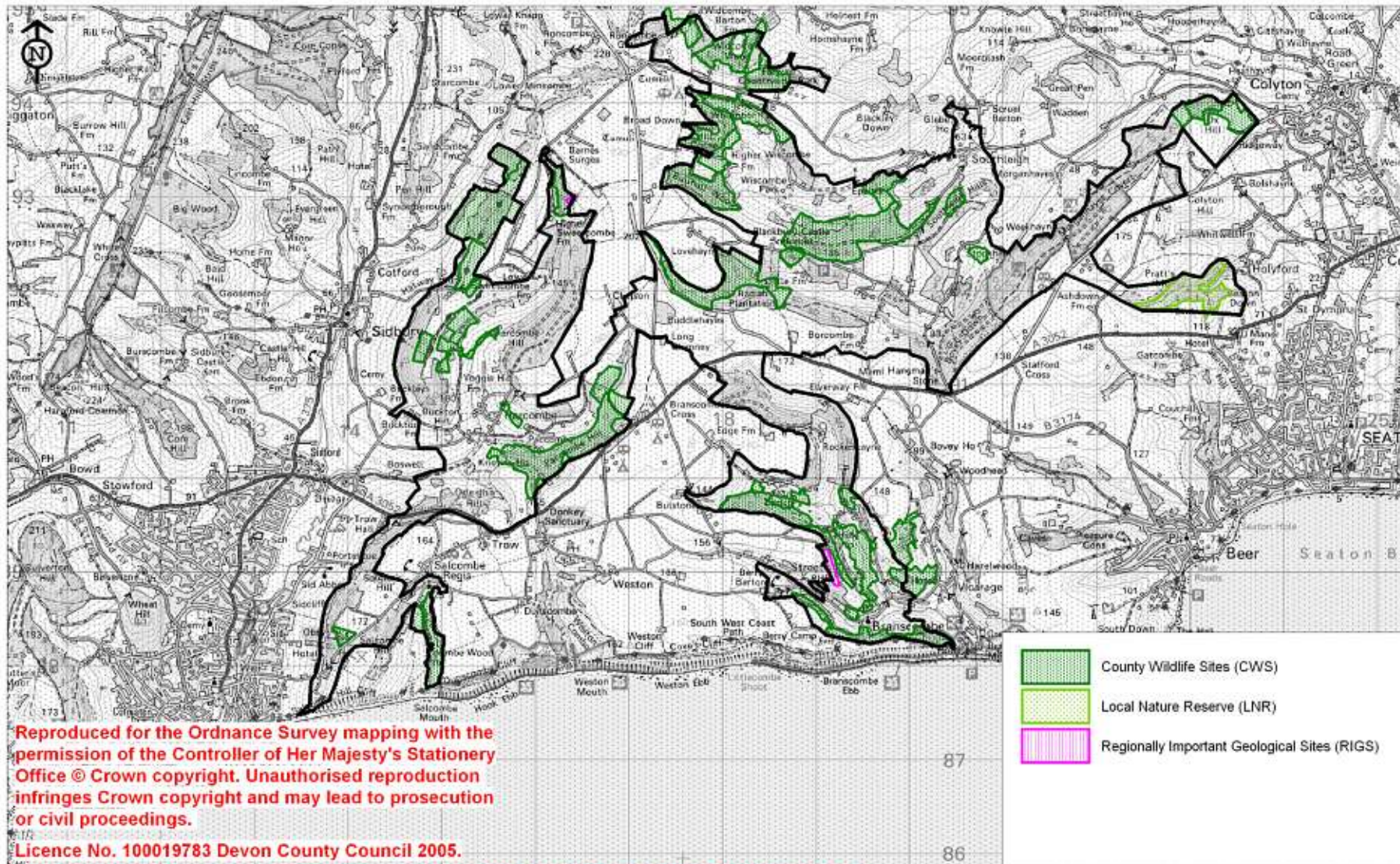
6. Other information

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 492 (2009)

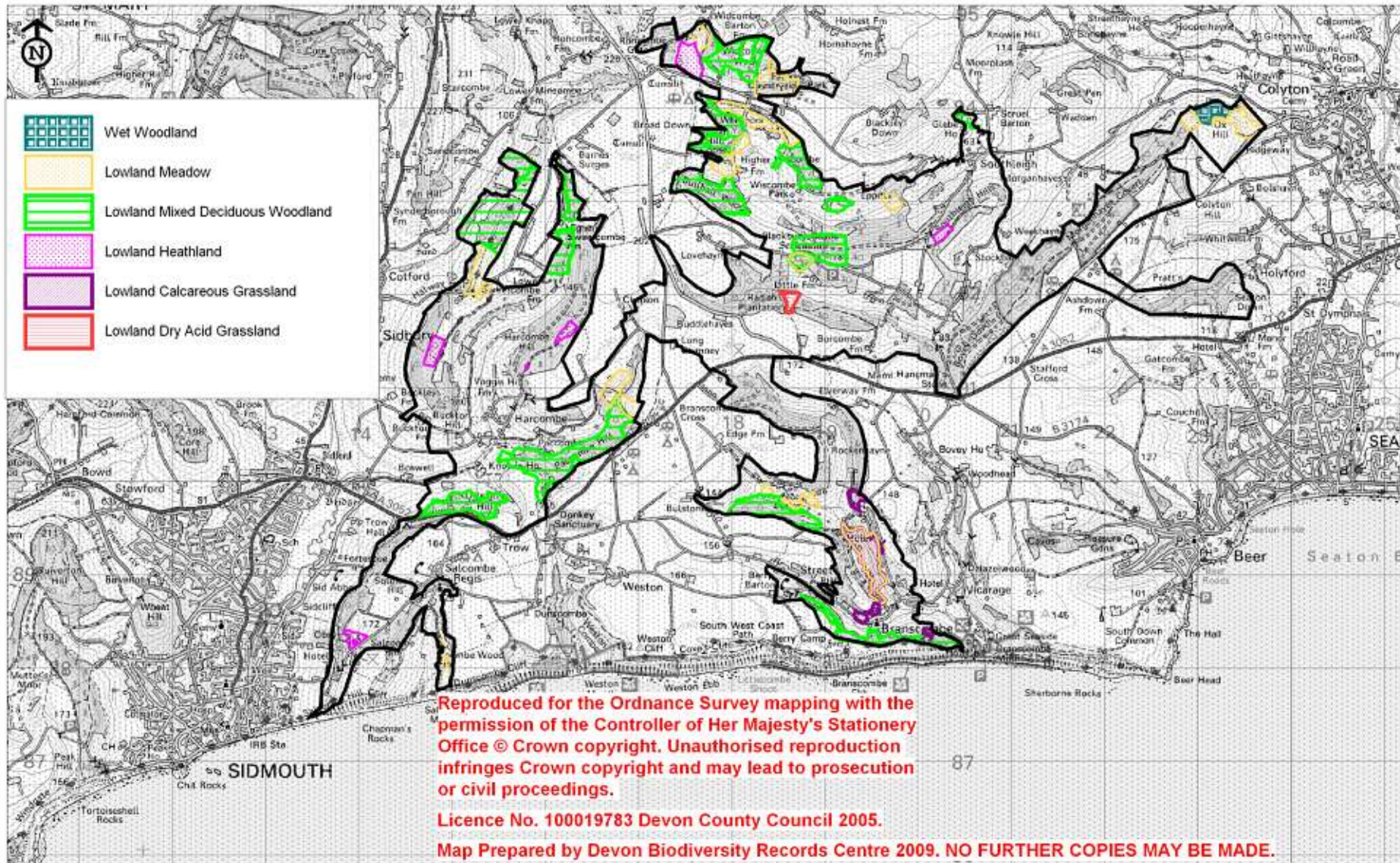


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UK BAP priority habitats within SNA 492 (2009)



Appendix 1: Legally protected & notable species recorded within SNA no 492 (2009)

Common name	Scientific name	Status
a Lichen	<i>Cryptolechia carneolutea</i>	S.41
a Long-eared Bat	<i>Plecotus spp.</i>	WCA
<i>Argiope bruennichi</i>	<i>Argiope bruennichi</i>	Na
Autumn Lady's-Tresses	<i>Spiranthes spiralis</i>	DN2
Badger	<i>Meles meles</i>	WCA
Bee Orchid	<i>Ophrys apifera</i>	DN1
Bladder-Sedge	<i>Carex vesicaria</i>	DN1
Box	<i>Buxus sempervirens</i>	NR
Brown Argus	<i>Aricia agestis</i>	Decline
Brown Long-Eared Bat	<i>Plecotus auritus</i>	S.41
Bullfinch	<i>Pyrrhula pyrrhula</i>	S.41; Red
Common Dormouse	<i>Muscardinus avellanarius</i>	S.41; DBAP
Common Frog	<i>Rana temporaria</i>	WCA
Common Rock-Rose	<i>Helianthemum nummularium</i>	DN1
Common Toad	<i>Bufo bufo</i>	S.41
Corky-Fruited Water-Dropwort	<i>Oenanthe pimpinelloides</i>	DN3
Cowslip	<i>Primula veris</i>	DN3
Dingy Skipper	<i>Erynnis tages</i>	S.41; Decline
Downy Oat	<i>Helictotrichon pubescens</i>	DN2
Dwarf Thistle	<i>Cirsium acaule</i>	DN2
Eyebright	<i>Euphrasia pseudokernerii</i>	NS; DN1; DR
Firecrest	<i>Regulus ignicapillus</i>	Amber
Goldcrest	<i>Regulus regulus</i>	Amber
Great Burnet	<i>Sanguisorba officinalis</i>	DN3
Green Hairstreak	<i>Callophrys rubi</i>	Decline
Green Woodpecker	<i>Picus viridis</i>	Amber
Grey Wagtail	<i>Motacilla cinerea</i>	Amber
Harvest Mouse	<i>Micromys minutus</i>	S.41
Hoary Plantain	<i>Plantago media</i>	DN2
Hobby	<i>Falco subbuteo</i>	WCA
Horseshoe Vetch	<i>Hippocrepis comosa</i>	DN1
Hound's-Tongue	<i>Cynoglossum officinale</i>	DN1
Ivy Broomrape	<i>Orobanche hederæ</i>	NS; DN2
Kestrel	<i>Falco tinnunculus</i>	Amber
Knotted Bur Parsley	<i>Torilis nodosa</i>	DN2
Lesser Centaury	<i>Centaurium pulchellum</i>	DN1
Lesser Horseshoe Bat	<i>Rhinolophus hipposideros</i>	S.41
Linnet	<i>Carduelis cannabina</i>	S.41; Red
Marsh Arrowgrass	<i>Triglochin palustre</i>	DN1
Marsh Pea	<i>Lathyrus palustris</i>	NS
Marsh Tit	<i>Parus palustris</i>	Red
Marsh Valerian	<i>Valeriana dioica</i>	DN3
Narrow Buckler-Fern	<i>Dryopteris carthusiana</i>	DN3
Newt	<i>Triturus</i>	WCA
Nottingham Catchfly	<i>Silene nutans</i>	NS; DN1; DR
Otter	<i>Lutra lutra</i>	S.41; DBAP
Pale Sedge	<i>Carex pallescens</i>	DN2
Pale St. John's-Wort	<i>Hypericum montanum</i>	DN3
Pipistrelle	<i>Pipistrellus pipistrellus</i>	WCA
Portland Spurge	<i>Euphorbia portlandica</i>	NS; DN3
Primrose	<i>Primula vulgaris</i>	DBAP

Common name	Scientific name	Status
Purple Hairstreak	<i>Quercusia quercus</i>	Decline
Pyramidal Orchid	<i>Anacamptis pyramidalis</i>	DN2
Redwing	<i>Turdus iliacus</i>	Amber
Roe Deer	<i>Capreolus capreolus</i>	DA
Round-leaved Crowfoot	<i>Ranunculus omiophyllus</i>	DN1
Serotine	<i>Eptesicus serotinus</i>	WCA
Small Heath	<i>Coenonympha pamphilus</i>	S.41
Small Pearl-bordered Fritillary	<i>Boloria selene</i>	S.41; Decline
Small Scabious	<i>Scabiosa columbaria</i>	DN2
Small-Flowered Buttercup	<i>Ranunculus parviflorus</i>	DN3
Smooth Brome	<i>Bromus racemosus</i>	DN2
Spurge-Laurel	<i>Daphne laureola</i>	DN2
Swallow	<i>Hirundo rustica</i>	Amber
Toothwort	<i>Lathraea squamaria</i>	DN1; DR
Viviparous Lizard	<i>Lacerta vivipara</i>	S.41
Wall Brown	<i>Lasiommata megera</i>	S.41
White Admiral	<i>Ladoga camilla</i>	Decline
Wild Sage	<i>Salvia verbenaca</i>	DN1
Wood Calamint	<i>Clinopodium menthifolium</i>	S.41; vul
Wood Small-Reed	<i>Calamagrostis epigejos</i>	DN2
Wood White	<i>Leptidea sinapis</i>	S.41; Nb
Yellow-Wort	<i>Blackstonia perfoliata</i>	DN2

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 / 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.

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.