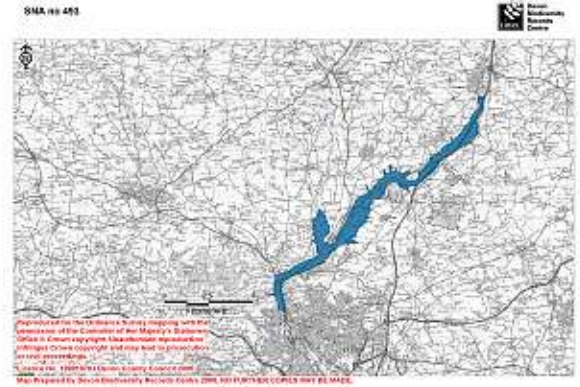


1. SNA details

SNA name:	Rivers Exe and Culm Floodplain
SNA unique number:	493
SNA area (ha):	1,247



2. Summary of nature conservation interest

Priority BAP habitats

Main Regional Nature Map habitat:	Coastal and Floodplain Grazing Marsh
Other Regional Nature Map habitat(s):	
Other UK BAP habitats:	River, hedgerows, ponds.

This SNA follows the Rivers Exe and Culm and some of their tributaries. The land buffering the rivers is mostly floodplain and grazing marsh with a diverse range of aquatic and wetland vegetation supporting important populations of birds and other species.

Important species or species assemblage	Status
Notable plant species: spiked water millfoil, unbranched bur-reed, blue water-speedwell, yellow loosestrife and water chickweed.	Devon notable plant species in Devon Atlas flora.
Waders & waterfowl associated with rivers & grazing marshes e.g. snipe, water rail, pintail, shelduck, wigeon.	Red and Amber bird lists
Other birds associated with wetland habitats and farmland: linnets, reed bunting, spotted flycatcher, grasshopper warbler.	S.41, DBAP
Populations of freshwater invertebrates	Nationally notable
Otter	S.41, DBAP
Bat species: daubentons, brown long-eared bat.	S.41 (brown long-eared bat)
Brown hare	S.41, DBAP
Amphibians and reptiles associated with permanent ponds e.g. grass snake, newts, frogs	S.41 (grass snake)
Freshwater fish e.g. trout, salmon (including salmon spawning areas)	
Species associated with hedgerows e.g. common dormouse and primrose.	S.41, DBAP
Populations of dragonflies e.g. hairy dragonfly, white-legged damselfly	Nationally important

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
Geological Site of Special Scientific Interest (gSSSI)	Bramford Speke	Geological evidence of the processes that form contemporary flood plains

In addition the SNA includes 2 County Wildlife Sites covering habitats including: Rivers, wet neutral grassland and semi-improved grassland.

3. UK BAP Priority habitat maintenance and restoration targets for SNA no 493

(the measurement unit is hectare unless stated otherwise)

Maintenance targets (current extent of habitat) – 100 % favourable condition.

UK BAP priority habitat	Coastal & floodplain grazing marsh	TOTAL
Minimum area *	0	0
Maximum area #	821	821

* *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 coastal and floodplain grazing marsh:

- 60% cover of priority habitat
- 0% 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 UK BAP priority habitats in SNA no 493 (2008)

