

**European Community Directive
on the Conservation of Natural Habitats
and of Wild Fauna and Flora
(92/43/EEC)**


**Second Report by the United Kingdom under
Article 17
on the implementation of the Directive
from January 2001 to December 2006**

**Conservation status assessment for
Species:
S2492 - *Coregonus albula* - Vendace**

The information in this assessment corresponds to the "species fact sheet" submitted by the UK to the European Union in February 2008 (second and final submission). Please note that this is a section of the UK's report. For the complete report visit <http://www.jncc.gov.uk/article17>

Please cite as: Joint Nature Conservation Committee. 2007. *Second Report by the UK under Article 17 on the implementation of the Habitats Directive from January 2001 to December 2006*. Peterborough: JNCC. Available from: www.jncc.gov.uk/article17

Species Name: *Coregonus albula*

1. National level	
Species Code	S2492
Member State	United Kingdom
Biogeographic regions concerned within the Member state	ATL
1.1 Range map	 A map of the United Kingdom showing the distribution of <i>Coregonus albula</i> . The map includes the main islands of Great Britain and Ireland, as well as the Shetland Islands. A small, dark grey shaded area is located in the western part of Scotland, indicating the range of the species. The rest of the map is unshaded, indicating that the species is not present in those areas.

1.2 Distribution map



2. Biogeographic level

2.1 Biogeographic region

ATL

2.2 Published sources and/or websites

DAVIES, C.E, SHELLEY, J, HARDING, P.T, MCLEAN, I.F.G, GARDINER, R & PEIRSON, G (eds.) 2004. Freshwater fishes in Britain. The species and their distribution. Harley Books, Colchester

MAITLAND, P.S. 2004. Keys to the Freshwater Fish of Britain and Ireland with notes on their distribution and ecology. Freshwater Biological Association , Scientific Publication No. 62, 245pp.

MAITLAND, P.S., LYLE, A.A. & WINFIELD, I.J. 2003. Survey of vendace in Daer Reservoir and Loch Skene. English Nature Research Report 554

WINFIELD, I.J., FLETCHER, J.M. & CRAGG-HINE, D. 1994. Status of Rare Fish: A Literature Review of Freshwater Fish in the UK. National Rivers Authority R&D Report No. 18.

	<p>WINFIELD, I. J., FLETCHER, J. M. & JAMES, J. B. 2006. The Urban Waste Water Treatment Directive: Monitoring the vendace populations of Bassenthwaite Lake and Derwent Water, 2005. Report to Environment Agency, North West Region. LA/C01752/16. 46 pp.</p> <p>Map Data Source</p> <p>Biological Records Centre - Database for the Atlas of Freshwater Fishes (via the National Biodiversity Network Gateway)</p>			
2.3 Range of species in the biogeographic region or marine region				
2.3.1 Surface range of the species (sq km)	500			
2.3.2 Date of range determination	1994			
2.3.3 Quality of data concerning range	Moderate			
2.3.4 Range trend	Unknown (X)			
2.3.5 Range trend magnitude (%)	Not applicable			
2.3.6 Range trend period	1994-2006			
2.3.7 Reasons for reported trend	Not applicable			
2.4 Population				
2.4.1 Population size estimation	Minimum	1418	Maximum	43601
	Units	Individuals		
2.4.2 Date of population estimation	2006			
2.4.3 Method used for population estimation	2 - Extrapolation from surveys of part of the population			
2.4.4 Quality of population data	Moderate			
2.4.5 Population trend	Decreasing (-)			
2.4.6 Population trend magnitude (%)	Unknown			
2.4.7 Population trend period	1994-2006			
2.4.8 Reasons for reported trend	3 - Direct human influence;			
2.4.9 Justification of % thresholds for trends (optional)	Not applicable			
2.4.10 Main pressures	701 - water pollution; 910 - Silting up; 954 - invasion by a species; 966 - antagonism arising from introduction of species;			
2.4.11 Threats	701 - water pollution; 910 - Silting up; 954 - invasion by a species; 966 - antagonism arising from introduction of species;			
2.5 Habitat for the species in the biogeographic region or marine region				
2.5 Habitats for the species	This species is found in good quality standing water habitat; that is, clean well-oxygenated spawning substrate containing coarse boulder/cobble/pebble/sand substrates. It also requires an abundant supply of zooplankton and macroinvertebrate prey items.			
2.5.2 Area estimation (sq km)	10.63			

2.5.3 Date of estimation	2006
2.5.4 Quality of data	Moderate
2.5.5 Trend of the habitat	Stable (=)
2.5.6 Trend period	1994-2006
2.5.7 Reasons for reported trend	Not applicable
2.6 Future prospects	
2.6 Future prospects for the species	Poor prospects_Species likely to struggle unless conditions change
2.7 Complementary information	
2.7.1 Favourable reference range (sq km)	
2.7.2 Favourable reference population	
2.7.3 Suitable Habitat for the species	Unknown
2.7.4 Other relevant information	
2.8 Conclusions <i>(assessment of conservation status at end of reporting period)</i>	
(2.3) Range	(U2) - Bad
(2.4) Population	(U2-) - Bad and deteriorating
(2.5) Habitat for the species	(U1-) - Inadequate and deteriorating
(2.6) Future prospects	(U1) - Inadequate
Overall assessment	(U2-) - Bad and deteriorating