

**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:
S5085 - *Barbus barbus* - Barbel**

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>

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Species Name: *Barbus barbuis*

1. National level	
Species Code	S5085
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>Barbus barbuis</i> . The distribution is indicated by a shaded grey area covering the southern and central parts of England, including the Thames basin and the area around London. There are also two small square markers: one in the north of England (Yorkshire region) and one in the east of England (Lincolnshire region). The map includes the outlines of the British Isles, including Great Britain and Ireland.

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. Colchester: Harley Books.

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, pp.245.

MAITLAND, P. S. & CAMPBELL, R. N. 1992. Freshwater Fishes of the British Isles. London: HarperCollins.

PHILLIPS, R. & RIX, M. 1985. A Guide to the Freshwater Fish of Britain, Ireland and Europe. London: Treasure Press.

Map Data Sources

	Biological Records Centre - Database for the Atlas of Freshwater Fishes (via the NBN Gateway).			
2.3 Range of species in the biogeographic region or marine region				
2.3.1 Surface range of the species (sq km)	62952			
2.3.2 Date of range determination	1990-2003			
2.3.3 Quality of data concerning range	Moderate			
2.3.4 Range trend	Stable (=)			
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	191	Maximum	191
	Units	Other Occupied 10-km squares		
2.4.2 Date of population estimation	1990-2003			
2.4.3 Method used for population estimation	2 - Extrapolation from surveys of part of the population			
2.4.4 Quality of population data	Poor			
2.4.5 Population trend	Stable (=)			
2.4.6 Population trend magnitude (%)	Not applicable			
2.4.7 Population trend period	1994-2006			
2.4.8 Reasons for reported trend	Not applicable			
2.4.9 Justification of % thresholds for trends (optional)	Not applicable			
2.4.10 Main pressures	701 - water pollution; 850 - Modification of hydrographic functioning, general; 852 - modifying structures of inland water courses; 853 - management of water levels;			
2.4.11 Threats	701 - water pollution;			
2.5 Habitat for the species in the biogeographic region or marine region				
2.5 Habitats for the species	<i>B. barbatus</i> is ostensibly a bottom dwelling species; it inhabits a range of habitats within large rivers, and is commonly associated with stretches of clean gravel and weed beds (Maitland & Campbell, 1992, Maitland, 2004). Adult <i>B. barbatus</i> tend to show a preference for relatively fast-flowing stretches in the middle reaches of large rivers. It also occupies deeper areas of water that form below weirs, large woody debris, rock ledges, or other obstructions on the river bed (Phillips & Rix, 1985).			
2.5.2 Area estimation (sq km)	Unknown			
2.5.3 Date of estimation	05/2007			
2.5.4 Quality of data	Poor			
2.5.5 Trend of the habitat	Increasing (+)			

2.5.6 Trend period	2002-2006
2.5.7 Reasons for reported trend	3 - Direct human influence;
2.6 Future prospects	
2.6 Future prospects for the species	Good prospects_Species expected to survive and prosper
2.7 Complementary information	
2.7.1 Favourable reference range (sq km)	62952
2.7.2 Favourable reference population	191
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	(FV) - Favourable
(2.4) Population	(FV) - Favourable
(2.5) Habitat for the species	(FV) - Favourable
(2.6) Future prospects	(FV) - Favourable
Overall assessment	(FV) - Favourable