

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

Third Report by the United Kingdom under
Article 17

on the implementation of the Directive
from January 2007 to December 2012
Conservation status assessment for

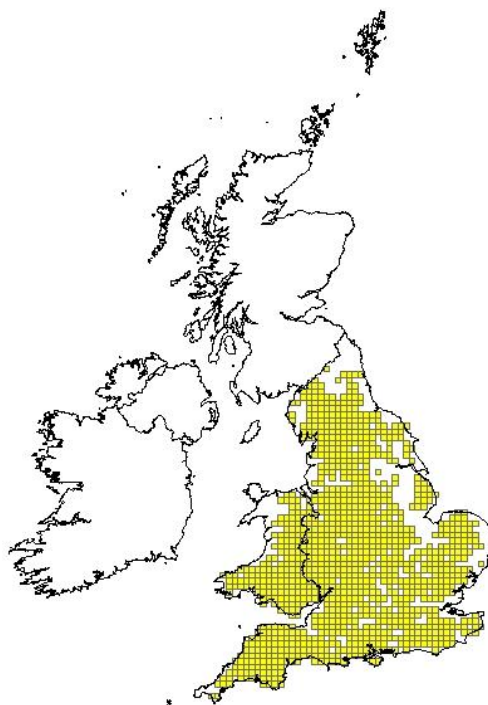
Species:

S1163 - Bullhead. (*Cottus gobio*)

Reporting format on the 'main results of the surveillance under Article 11' for Annex II, IV & V species

<i>Field name</i>	<i>Brief explanations</i>	
0.2 Species	0.2.1 Species code	S1163
	0.2.2 Species scientific name	<i>Cottus gobio</i>
	0.2.3 Alternative species scientific name Optional	
	0.2.4 Common name Optional	

1.1 Maps			
1.1.1 Distribution map	True	Sensitive	False
	The distribution map is based on species records which are considered to be representative of the range within the current reporting period. For further details see the 2013 Article 17 UK Approach document.		



1.1.2 Method used - map	Estimate based on partial data with some extrapolation and/or modelling
	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.
1.1.3 Year or period	2002-2012
	The distribution map is based on species records which are considered to be representative of the range within the current reporting period. For further details see the 2013 Article 17 UK Approach document.

1.1.4 Additional distribution map Optional	False
1.1.5 Range map	True The range map was produced by applying the UK range mapping tool to the distribution map presented in 1.1.4. The alpha value for this species was 25km. For further details see the 2013 Article 17 UK Approach document.



2.1 Biogeographical region & marine regions	ATL
2.2 Published sources	<p>Chris Mainstone & Alastair Burn (2011) Relationships between ecological objectives and associated decision-making under the Habitats and Water Framework Directives. Discussion paper, Natural England.</p> <p>DAVIES, C.E., SHELLEY, J., HARDING, P.T., MCLEAN, I.F.G., GARDINER, R. AND PEIRSON, G. 2004. Freshwater Fishes in Britain - the species and their distribution, 176pp. Colchester: Harley Books.</p> <p>Environment Agency (2012) Summary of outcomes of the Review of Consents on water-related SACs. Excel spreadsheet. Joint Nature Conservation Committee (JNCC). (2005) Common Standards Monitoring Guidance for Freshwater Fauna. Peterborough, Joint Nature Conservation Committee.</p> <p>Leah, R. T. 2003. The ecology and conservation of the fish of Llyn Tegid. Pages 115-138 in R. Gritten, C. A. Duigan, H. Millband, and P. E. S. L. A. R. Leah, editors. Llyn Tegid Symposium - The ecology, conservation and environmental history of the largest natural lake in Wales. University of Liverpool.</p> <p>Mainstone C.P. (2008) The role of specially designated wildlife</p>

	<p>sites in freshwater conservation - an English perspective. <i>Freshwater Reviews</i>, 1, 89-98.</p> <p>Mainstone, C.P. and Clarke, S.J. (2008) Managing multiple stressors on sites with special protection for freshwater wildlife - the concept of Limits of Liability. <i>Freshwater Reviews</i>, 1, 175-187.</p> <p>Mainstone, C.P. and Holmes, N.T. (2010) Embedding a strategic approach to river restoration in operational management processes - experiences in England. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i>. Published online in Wiley InterScience (www.interscience.wiley.com). DOI: 10.1002/aqc.1095</p> <p>Mainstone, C.P., Dils, R.M. and Withers, P.J.A. (2008). Controlling sediment and phosphorus transfer to receiving waters - A strategic management perspective for England and Wales. <i>Journal of Hydrology</i>, 350, 131-143.</p> <p>MAITLAND, P.S. 1972. Key to British Freshwater Fishes. Ambleside: Freshwater Biological Association.</p> <p>Natural England (2012) England Catchment Sensitive Farming Initiative. Http://www.naturalengland.org.uk/ourwork/farming/csf/default.aspx.</p> <p>Thomas Rh, Hatton-Ellis TW, Garrett H (in prep) Water Quality Assessments for River Special Areas of Conservation: Third Habitats Directive Reporting Round (2007-2012). CCW Staff Science Report No. 12/8/2. CCW, Bangor.</p> <p>Thomas, Rh (2010). Bullhead monitoring in the River Dee catchment. CCW Staff Science Report No.09/06/01</p> <p>Tomlinson, M. L., and M. R. Perrow. 2003. Ecology of the Bullhead <i>Cottus gobio</i>. <i>Conserving Natura 2000 Rivers Ecology Series No. 4</i>. English Nature, Peterborough.</p> <p>TOMLINSON, M.L. & PERROW, M.R. 2003. Ecology of the Bullhead. <i>Conserving Natura 2000 Rivers Ecology Series No. 4</i>. Peterborough: English Nature</p> <p>West, R (2004). River Dee candidate special area of conservation bullhead survey 2004. CCW Review of Consents Report No.19</p> <p>Wheeldon, J (2012) River Restoration Planning and implementation on River Sites of Special Scientific Interest in England. Internal Natural England paper.</p> <p>Yeomans, WE, Murray, DS, Stevenson, C, McGillivray, C, McColl, D, Dodd, JA, Thomas, Rh (2008). Monitoring of bullhead in Welsh SAC rivers : rivers Usk and Wye. CCW Science Report No.818</p> <p>UK distribution map data sources</p> <p>BIS CCW HQ Bullhead Monitoring, Wye & Usk Catchments - CCW- Report no. 818 Emailed to JNCC (no details) Summer 2012</p> <p>BIS CCW Radnor and North Brecknock-SSSI Scientific Data Emailed to JNCC (no details) Summer 2012</p> <p>BIS CCW River Usk Species Data Emailed to JNCC (no details) Summer 2012</p> <p>BIS CCW River Usk Tributaries Species Data Emailed to JNCC (no details) Summer 2012</p>
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	<p>BIS sent directly to JNCC (no details) SurveyName Ad hoc records</p> <p>BIS sent directly to JNCC (no details) SurveyName BBNP Invertebrate Recording Weekend 2006</p> <p>BIS sent directly to JNCC (no details) SurveyName BBNP Invertebrate Recording Weekend 2005</p> <p>BIS sent directly to JNCC (no details) SurveyName BIS Casual records - unverified</p> <p>BIS sent directly to JNCC (no details) SurveyName BIS Casual Records 2</p> <p>BIS sent directly to JNCC (no details) SurveyName BIS casual records 2008 - unconfirmed</p> <p>BIS sent directly to JNCC (no details) SurveyName Misc records in BBNP (SEWBReC)2 - South East Wales Biological Record Centre</p> <p>BIS sent directly to JNCC (no details) SurveyName Miscellaneous records in BIS area</p> <p>BIS sent directly to JNCC (no details) SurveyName Radnorshire Wildlife Trust Miscellaneous Data</p> <p>BIS sent directly to JNCC (no details) SurveyName River Usk Shad Egg Survey 2010 - CCW - Report no.10/8/1</p> <p>BIS sent directly to JNCC (no details) SurveyName Shad Monitoring - CCW - HQ MFSG - Report no.40</p> <p>BIS sent directly to JNCC (no details) SurveyName Welsh Biological Recording Group: Reports and Records of Field Meetings 1972/73</p> <p>Database for the Atlas of Freshwater Fishes (1637-2003) Dorset SW Pilot species dataset</p> <p>NBN Gateway data: Bedfordshire and Luton Biodiversity Recording and Monitoring Centre GA000704 Bedfordshire Fish (BNHS) - 1800-2011</p> <p>NBN Gateway data: Bristol Regional Environmental Records Centre GA001100 BRERC JNCC May 2012</p> <p>NBN Gateway data: Countryside Council for Wales GA000488 Freshwater Lamprey Survey Data</p> <p>NBN Gateway data: Environment Agency GA001129 Environment Agency Rare and Protected Species records v1</p> <p>NBN Gateway data: Hampshire Biodiversity Information Centre GA001133 HBIC Protected and notable species</p> <p>NBN Gateway data: Kent & Medway Biological Records Centre GA001015 Fish: Records for Kent.</p> <p>NBN Gateway data: Lancashire Environment Record Network GA001064 LERN Freshwater Fish Records</p> <p>NBN Gateway data: Merseyside BioBank GA000980 North Merseyside Fish (unverified)</p> <p>NBN Gateway data: National Trust GA000565 Wicken Fen nature reserve species data held by The National Trust</p> <p>NBN Gateway data: National Trust GA001105 Extract of National Trust species database covering Article 17 species</p> <p>NBN Gateway data: Norfolk Biodiversity Information Service GA000908 Norfolk Environment Agency Priority Species Records</p> <p>NBN Gateway data: Sheffield Biological Records Centre GA000878 Sheffield Biological Records Centre- Non-sensitive Records from all taxonomic groups.</p> <p>NBN Gateway data: Wiltshire and Swindon Biological Records</p>
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	<p>Centre GA000584 Wiltshire & Swindon Site-based Survey Records NBN Gateway data: Wiltshire and Swindon Biological Records Centre GA001098 Wiltshire and Swindon Habitats Directive (Article 17) Species - Reporting Group Use Only NBN Gateway data: Worcestershire Biological Records Centre GA000712 WBRC Species data for Worcestershire collated by date.</p> <p>UK Distribution Map data sources</p> <p>BIS CCW HQ Bullhead Monitoring, Wye & Usk Catchments - CCW- Report no. 818 Emailed to JNCC (no details) Summer 2012 BIS CCW Radnor and North Brecknock-SSSI Scientific Data Emailed to JNCC (no details) Summer 2012 BIS CCW River Usk Species Data Emailed to JNCC (no details) Summer 2012 BIS CCW River Usk Tributaries Species Data Emailed to JNCC (no details) Summer 2012 BIS sent directly to JNCC (no details) SurveyName Ad hoc records BIS sent directly to JNCC (no details) SurveyName BBNP Invertebrate Recording Weekend 2006 BIS sent directly to JNCC (no details) SurveyName BBNP Invertebrate Recording Weekend 2005 BIS sent directly to JNCC (no details) SurveyName BIS Casual records - unverified BIS sent directly to JNCC (no details) SurveyName BIS Casual Records 2 BIS sent directly to JNCC (no details) SurveyName BIS casual records 2008 - unconfirmed BIS sent directly to JNCC (no details) SurveyName Misc records in BBNP (SEWBReC)2 - South East Wales Biological Record Centre BIS sent directly to JNCC (no details) SurveyName Miscellaneous records in BIS area BIS sent directly to JNCC (no details) SurveyName Radnorshire Wildlife Trust Miscellaneous Data BIS sent directly to JNCC (no details) SurveyName River Usk Shad Egg Survey 2010 - CCW - Report no.10/8/1 BIS sent directly to JNCC (no details) SurveyName Shad Monitoring - CCW - HQ MFSG - Report no.40 BIS sent directly to JNCC (no details) SurveyName Welsh Biological Recording Group: Reports and Records of Field Meetings 1972/73 Database for the Atlas of Freshwater Fishes (1637-2003) Dorset SW Pilot species dataset NBN Gateway data: Bedfordshire and Luton Biodiversity Recording and Monitoring Centre GA000704 Bedfordshire Fish (BNHS) - 1800-2011 NBN Gateway data: Bristol Regional Environmental Records Centre GA001100 BRERC JNCC May 2012 NBN Gateway data: Countryside Council for Wales GA000488 Freshwater Lamprey Survey Data NBN Gateway data: Environment Agency GA001129 Environment Agency Rare and Protected Species records v1 NBN Gateway data: Hampshire Biodiversity Information Centre GA001133 HBIC Protected and notable species NBN Gateway data: Kent & Medway Biological Records Centre</p>
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	<p>GA001015 Fish: Records for Kent. NBN Gateway data: Lancashire Environment Record Network GA001064 LERN Freshwater Fish Records NBN Gateway data: Merseyside BioBank GA000980 North Merseyside Fish (unverified) NBN Gateway data: National Trust GA000565 Wicken Fen nature reserve species data held by The National Trust NBN Gateway data: National Trust GA001105 Extract of National Trust species database covering Article 17 species NBN Gateway data: Norfolk Biodiversity Information Service GA000908 Norfolk Environment Agency Priority Species Records NBN Gateway data: Sheffield Biological Records Centre GA000878 Sheffield Biological Records Centre- Non-sensitive Records from all taxonomic groups. NBN Gateway data: Wiltshire and Swindon Biological Records Centre GA000584 Wiltshire & Swindon Site-based Survey Records NBN Gateway data: Wiltshire and Swindon Biological Records Centre GA001098 Wiltshire and Swindon Habitats Directive (Article 17) Species - Reporting Group Use Only NBN Gateway data: Worcestershire Biological Records Centre GA000712 WBRC Species data for Worcestershire collated by date.</p>

2.3 Range					
2.3.1 Surface area Range	<p>140535.63</p> <p>The surface area of the range was calculated from the map presented in 1.1.5. For further details see the 2013 Article 17 UK Approach document.</p>				
2.3.2 Method used Surface area of Range	<p>Estimate based on partial data with some extrapolation and/or modelling</p> <p>For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.</p>				
2.3.3 Short-term trend Period	<p>2001-2012</p> <p>For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.</p>				
2.3.4 Short term trend Trend direction	<p>stable</p> <p>The short term trend direction was derived by comparing the range map in 1.1.5 with the range map produced in the 2007 report, by considering the range trend in the 2007 report, and by considering any further information provided by the UK country conservation agencies. For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.</p>				
2.3.5 Short-term trend Magnitude	<table border="1" style="width: 100%;"> <tr> <td style="background-color: #e0e0e0;">a) Minimum</td> <td></td> </tr> <tr> <td style="background-color: #e0e0e0;">b) Maximum</td> <td></td> </tr> </table> <p style="text-align: right;">Optional</p>	a) Minimum		b) Maximum	
a) Minimum					
b) Maximum					

2.3.6 Long-term trend Period Optional	1989-2012	
	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
2.3.7 Long-term trend Trend direction Optional	stable	
	The long term trend direction was derived by comparing the range map in 1.1.5 with the range map produced in the 2007 report, by considering the range trend in the 2007 report, and by considering any further information provided by the UK country conservation agencies. For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
2.3.8 Long-term trend Magnitude Optional	a) Minimum	
	b) Maximum	
2.3.9 Favourable reference range	a) Value in km²	138155
	The FRV reported in 2007 has been updated by running the data used for reporting in 2007 through the revised UK range mapping tool. For further details see the 2013 Article 17 UK Approach document.	
	b) Operator for FRR	
	c) FRR is unknown (indicated by "true")	False
	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
	d) Method used to set FRR	The FRV reported in 2007 has been updated by running the data used for reporting in 2007 through the revised UK range mapping tool. The value is considered to be large enough to support a viable population and no lower than the range estimate from when the Habitats Directive came into force in the UK. For further details please see the 2013 Article 17 UK Approach document.
The FRV reported in 2007 has been updated by running the data used for reporting in 2007 through the revised UK range mapping tool. The value is considered to be large enough to support a viable population and no lower than the range estimate from when the Habitats Directive came into force in the UK. For further details please see the 2013 Article 17 UK Approach document.		
2.3.10 Reason for change Is the difference between the reported value in 2.3.1 and the previous reporting round	a) Genuine change?	False
	There is negligible difference between the current range and the range reported in 2007. Any change is likely to be due to better data.	

mainly due to...	b) Improved knowledge/more accurate data?	True
	There is negligible difference between the current range and the range reported in 2007. Any change is likely to be due to better data.	
	c) Use of different method (e.g. "Range tool")?	False
	There is negligible difference between the current range and the range reported in 2007. Any change is likely to be due to better data.	

2.4 Population		
2.4.1 Population size estimation (using individuals or agreed exceptions where possible)	a) Unit	
	b) Minimum	
	c) Maximum	
2.4.2 Population size estimation (using population unit other than individuals) Optional (<i>if 2.4.1 filled in</i>)	a) Unit	number of map 1x1 km grid cells
	The population unit is the same as reported in 2007.	
	b) Minimum	3338
	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
	c) Maximum	
For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.		
2.4.3 Additional information on population estimates / conversion Optional	a) Definition of "locality"	
	b) Method to convert data	
	c) Problems encountered to provide population size estimation	
2.4.4 Year or period	2001-2012	
	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
2.4.5 Method used Population size	Estimate based on partial data with some extrapolation and/or modelling	
	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	

2.4.6 Short-term trend Period	2001-2012	
	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
2.4.7 Short-term trend Trend direction	stable	
	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
2.4.8 Short-term trend Magnitude Optional	a) Minimum	
	b) Maximum	
	c) Confidence interval	
2.4.9 Short-term trend Method used	Estimate based on expert opinion with no or minimal sampling	
	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
2.4.10 Long-term trend – Period Optional		
2.4.11 Long-term trend Trend direction Optional		
2.4.12 Long-term trend Magnitude Optional	a) Minimum	
	b) Maximum	
	c) Confidence interval	
2.4.13 Long term trend Method used Optional		
2.4.14 Favourable reference population	a) Number of individuals/agreed exceptions/other	

	units	
	b) Operator	
	c) FRP is unknown (indicated by "true")	True
	d) Method used to set FRP	There is insufficient information available for this species to be able to determine the favourable reference population.
	There is insufficient information available for this species to be able to determine the favourable reference population.	
2.4.15 Reason for change Is the difference between the value reported at 2.4.1 or 2.4.2 and the previous reporting round mainly due to:	a) Genuine change?	False
	The increase in population is not thought to be genuine but as a result of better data.	
	b) Improved knowledge/more accurate data?	True
	The increase in population is not thought to be genuine but as a result of better data.	
	c) Use of different method (e.g. "Range tool")?	False
	The increase in population is not thought to be genuine but as a result of better data.	

2.5 Habitat for the species		
2.5.1 Area estimation	The specific area of habitat occupied by this species in the UK is unknown.	
	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
	There is thought to be a sufficient amount of habitat in the UK to support a viable population of the species.	
2.5.2 Year or period	2007-2012	
	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
2.5.3 Method used Habitat for the species	Absent data	
	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
2.5.4 Quality of the	a) Habitat quality	Moderate

habitat	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
	b) Assessment method	Quality was assessed using condition assessment of SAC rivers, and ecological status assessment of the wider river network under the Water Framework Directive.
	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
2.5.5 Short-term trend Period	2001-2012	
	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
2.5.6 Short-term trend Trend direction	increase	
	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
2.5.7 Long-term trend Period	1989-2012	
Optional	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
2.5.8 Long-term trend Trend direction	increase	
Optional	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
2.5.9 Area of suitable habitat for the species	a) Value in km²	
	b) Absence of data indicated as '0'	
2.5.10 Reason for change Is the difference between the value reported at 2.5.1 and the previous reporting round mainly due to	a) Genuine change?	False
	Surface area of habitat is unknown so no comparison is possible.	
	b) Improved knowledge/more accurate data?	False
	Surface area of habitat is unknown so no comparison is possible.	
	c) Use of different method (e.g. "Range tool")?	False
	Surface area of habitat is unknown so no comparison is possible.	

2.6 Main pressures		
a) Pressure	b) Ranking	c) Pollution qualifier
	H = high importance (max 5 entries) M = medium importance	

	L = low importance	
H01: Pollution to surface waters (limnic & terrestrial, marine & brackish)	H	X
J02: human induced changes in hydraulic conditions	H	
A01: Cultivation	M	
F02: Fishing and harvesting aquatic resources	M	
I01: invasive non-native species	M	
J03: Other ecosystem modifications	M	
C03: Renewable abiotic energy use	L	
E03: Discharges	L	
M01: Changes in abiotic conditions	L	

For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.

2.6.1 Method used – Pressures

based exclusively or to a larger extent on real data from sites/occurrences or other data sources

For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.

2.7 Threats		
a) Threat	b) Ranking	c) Pollution qualifier
	H = high importance (max 5 entries) M = medium importance L = low importance	
H01: Pollution to surface waters (limnic & terrestrial, marine & brackish)	H	X
J02: human induced changes in hydraulic conditions	H	
A01: Cultivation	M	
F02: Fishing and harvesting aquatic resources	M	
I01: invasive non-native species	M	
J03: Other ecosystem modifications	M	
C03: Renewable abiotic energy use	L	

E03: Discharges	L	
E06: Other urbanisation, industrial and similar activities	L	
M01: Changes in abiotic conditions	L	

For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.

2.7.1 Method used – Threats**expert opinion**

For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.

2.8 Complementary information**2.8.1 Justification of % thresholds for trends****2.8.2 Other relevant information****2.8.3 Trans-boundary assessment****2.9 Conclusions (*assessment of conservation status at end of reporting period*)****2.9.1 Range****a) Conclusion****Favourable**

Range has been assessed as Favourable as it is above the FRV and the trend is stable.

b) Qualifier**2.9.2 Population****a) Conclusion****Unknown**

Population has been assessed as unknown, as no FRV is known so it is unknown whether the total population is at least equal to it. However, the short term population trend is thought to be stable.

b) Qualifier**2.9.3 Habitat for the species****a) Conclusion****Favourable**

Habitat for species has been assessed as Favourable because there is thought to be sufficient amount of habitat for the species to be viable, habitat quality is moderate and the short term trend is increasing. The habitat of the species is impacted by a range of pressures, although the species seems quite resilient in the face of a number of these.

	b) Qualifier	
2.9.4 Future prospects	a) Conclusion	Unknown
	Future prospects is assessed as Unknown on the basis of assessments of the future prospects of the three parameters, range, population and habitat for species: Range future prospects: Unknown Population future prospects: Unknown Habitat future prospects: Good Overall future prospects: Unknown There are conflicting pressures that make the assessment of future status difficult.	
	b) Qualifier	
2.9.5 Overall assessment of Conservation Status	Unknown	
	The overall assessment is Unknown because population and future prospects are assessed as unknown.	
2.9.6 Overall trend in Conservation Status		

3 Natura 2000 coverage & conservation measures - Annex II species
(only applies to species listed under Annex II of the Directive)

3.1 Population		
3.1.1 Population size	a) Unit	number of map 1x1 km grid cells
Estimation of population size included in the SAC network	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
	b) Minimum	384
	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
	c) Maximum	
	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
3.1.2 Method used	Estimate based on partial data with some extrapolation and/or modelling	
	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	

3.1.3 Trend of population size within the network (short-term trend)	stable
	Optional For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.

3.2 Conservation measures															
Conservation measures taken (i.e. already being implemented) within the reporting period and provided information about their importance, location and evaluation.															
3.2.1 Measure	3.2.2 Type					3.2.3 Ranking H = high importance M = medium importance L = low importance	3.2.4 Location where the measure is PRIMARILY applied			3.2.5 Broad evaluation of the measure					
	a) Legal/statutory	b) Administrative	c) Contractual	d) Recurrent	e) One-off		a) Inside	b) Outside	c) Both inside & outside	a) Maintain	b) Enhance	c) Long term	d) No effect	e) Unknown	f) Not evaluated
1.2: Measures needed, but not implemented				Y	Y	H			Y		Y	Y			
2.2: Adapting crop production		Y	Y	Y		M			Y		Y	Y			
4.0: Other wetland-related measures		Y	Y	Y	Y	M			Y		Y	Y			
4.1: Restoring/improving water quality	Y	Y			Y	H			Y		Y	Y			Y
4.2: Restoring/improving the hydrological regime		Y	Y	Y	Y	H			Y		Y	Y			Y
4.3: Managing water abstraction	Y				Y	M	Y			Y	Y	Y			

7.2: Regulation/ Management of fishery in limnic systems	Y		Y			M		Y				Y	Y			
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For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.