

**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:

S2622 - Pygmy sperm whale (*Kogia breviceps*)

## 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>	
<b>0.2 Species</b>	<b>0.2.1 Species code</b>	<b>S2622</b>
	<b>0.2.2 Species scientific name</b>	<b><i>Kogia breviceps</i></b>
	<b>0.2.3 Alternative species scientific name</b> Optional	
	<b>0.2.4 Common name</b> Optional	

<b>1.1 Maps</b>			
<b>1.1.1 Distribution map</b>	<b>False</b>	<b>Sensitive</b>	<b>False</b>

<b>1.1.2 Method used - map</b>	<b>Absent data</b>		
<b>1.1.3 Year or period</b>			
<b>1.1.4 Additional distribution map</b> Optional	<p><b>False</b></p> <p>There have been few sightings in European waters, mostly from the Bay of Biscay to the west of Ireland. Reid et al. (2003) map the sighting locations of pygmy sperm whales recorded around the UK during 1979-1997; all of which are from the North Sea. The records were compiled in the Joint Cetacean Database and published in the Cetacean Atlas (Page 23, <a href="http://jncc.defra.gov.uk/PDF/CetaceansAtlas_web.pdf">http://jncc.defra.gov.uk/PDF/CetaceansAtlas_web.pdf</a>).</p> <p>A small number of stranded animals have also been recorded from Spain to western Ireland, including nine in the UK, mostly in the late 1990s and all on western coasts (Evans et al., 2003; Jepson 2006; Santos et al. 2006). A further single animal stranded on the Shetland Islands between 2005-2010 (Deaville and Jepson, 2011) and another on the Argyll and Bute coast of Scotland during October 2011 (Deaville, 2012).</p>		
<b>1.1.5 Range map</b>	<b>False</b>		

<b>2.1 Biogeographical region &amp; marine regions</b>	<b>MATL</b>
<b>2.2 Published sources</b>	<p><b>Deaville, R. 2012. Draft Report for the period 1st January – 31st December 2011. Cetacean Stranding Investigation Programme CSIP, Defra contracts MB0111 and CR0364.</b></p> <p><b>Deaville, R. And Jepson, P. D. (Eds). 2011. Final Report for the period 1st January 2005 – 31st December 2010. Cetacean Stranding Investigation Programme CSIP, Defra contracts</b></p>

	<p><b>CR0346 and CR0364.</b></p> <p><b>Evans, P.G.H., Anderwald, P. and Baines, M.E., 2003. UK Cetacean Status Review. Report to English Nature and the Countryside Council for Wales. 159pp.</b></p> <p><b>Jepson, P. D. (Ed) 2006. Trends in cetacean strandings around the UK coastline and cetacean and marine turtle post-mortem investigations, 2000 to 2004 inclusive. Defra Contract CRO 238.</b></p> <p><b>Reid, J.B., Evans, P.G.H. and Northridge, S.P., 2003. Atlas of cetacean distribution in north-west European waters. Joint Nature Conservation Committee, Peterborough.</b></p> <p><b>Santos, M. B., Pierce, G., López, A., Reid, R. J., Ridoux, V., Mente, E. 2006. Pygmy sperm whales <i>Kogia breviceps</i> in the northeast Atlantic: New information on stomach contents and strandings. <i>Marine Mammal Science</i> 22 (3): 600–616</b></p>

2.3 Range	
2.3.1 Surface area Range	
2.3.2 Method used Surface area of Range	Absent data
2.3.3 Short-term trend Period	2001-2012
2.3.4 Short term trend Trend direction	unknown
2.3.5 Short-term trend Magnitude	a) Minimum
Optional	
	b) Maximum
2.3.6 Long-term trend Period	1988-2012
Optional	
2.3.7 Long-term trend Trend direction	unknown
Optional	
2.3.8 Long-term trend Magnitude	a) Minimum
Optional	

	<b>b) Maximum</b>	
<b>2.3.9 Favourable reference range</b>	<b>a) Value in km<sup>2</sup></b>	
	<b>b) Operator for FRR</b>	
	<b>c) FRR is unknown (indicated by "true")</b>	True
	<b>d) Method used to set FRR</b>	
<b>2.3.10 Reason for change</b> Is the difference between the reported value in 2.3.1 and the previous reporting round mainly due to...	<b>a) Genuine change?</b>	False
	<b>b) Improved knowledge/more accurate data?</b>	False
	<b>c) Use of different method (e.g. "Range tool")?</b>	False

<b>2.4 Population</b>		
<b>2.4.1 Population size estimation</b> (using individuals or agreed exceptions where possible)	<b>a) Unit</b>	
	<b>b) Minimum</b>	
	<b>c) Maximum</b>	
<b>2.4.2 Population size estimation</b> (using population unit other than individuals) Optional ( <i>if 2.4.1 filled in</i> )	<b>a) Unit</b>	
	<b>b) Minimum</b>	

	<b>c) Maximum</b>	
<b>2.4.3 Additional information on population estimates / conversion</b> Optional	<b>a) Definition of "locality"</b>	
	<b>b) Method to convert data</b>	
	<b>c) Problems encountered to provide population size estimation</b>	
<b>2.4.4 Year or period</b>		
<b>2.4.5 Method used</b> <b>Population size</b>	<b>Absent data</b>	
<b>2.4.6 Short-term trend</b> <b>Period</b>	<b>2001-2012</b>	
<b>2.4.7 Short-term trend</b> <b>Trend direction</b>	<b>unknown</b>	
<b>2.4.8 Short-term trend</b> <b>Magnitude</b> Optional	<b>a) Minimum</b>	
	<b>b) Maximum</b>	
	<b>c) Confidence interval</b>	
<b>2.4.9 Short-term trend</b> <b>Method used</b>	<b>Absent data</b>	
<b>2.4.10 Long-term trend –</b> <b>Period</b> Optional	<b>1988-2012</b>	
<b>2.4.11 Long-term trend</b> <b>Trend direction</b> Optional	<b>unknown</b>	
<b>2.4.12 Long-term trend</b> <b>Magnitude</b>	<b>a) Minimum</b>	

Optional		
	<b>b) Maximum</b>	
	<b>c) Confidence interval</b>	
<b>2.4.13 Long term trend Method used</b>	<b>Absent data</b>	
Optional		
<b>2.4.14 Favourable reference population</b>	<b>a) Number of individuals/agreed exceptions/other units</b>	
	<b>b) Operator</b>	
	<b>c) FRP is unknown (indicated by "true")</b>	<b>True</b>
	<b>d) Method used to set FRP</b>	
<b>2.4.15 Reason for change</b> Is the difference between the value reported at 2.4.1 or 2.4.2 and the previous reporting round mainly due to:	<b>a) Genuine change?</b>	<b>False</b>
	<b>b) Improved knowledge/more accurate data?</b>	<b>False</b>
	<b>c) Use of different method (e.g. "Range tool")?</b>	<b>False</b>

<b>2.5 Habitat for the species</b>	
<b>2.5.1 Area estimation</b>	

<b>2.5.2 Year or period</b>		
<b>2.5.3 Method used Habitat for the species</b>	<b>Absent data</b>	
<b>2.5.4 Quality of the habitat</b>	<b>a) Habitat quality</b>	<b>Unknown</b>
	<b>b) Assessment method</b>	
<b>2.5.5 Short-term trend Period</b>	<b>2001-2012</b>	
<b>2.5.6 Short-term trend Trend direction</b>	<b>unknown</b>	
<b>2.5.7 Long-term trend Period</b> Optional	<b>1988-2012</b>	
<b>2.5.8 Long-term trend Trend direction</b> Optional	<b>unknown</b>	
<b>2.5.9 Area of suitable habitat for the species</b>	<b>a) Value in km<sup>2</sup></b>	
	<b>b) Absence of data indicated as '0'</b>	
<b>2.5.10 Reason for change</b> Is the difference between the value reported at 2.5.1 and the previous reporting round mainly due to	<b>a) Genuine change?</b>	<b>False</b>
	<b>b) Improved knowledge/more accurate data?</b>	<b>False</b>
	<b>c) Use of different method (e.g. "Range tool")?</b>	<b>False</b>

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

<b>2.6.1 Method used – Pressures</b>	

<b>2.7 Threats</b>		
<b>a) Threat</b>	<b>b) Ranking</b>	<b>c) Pollution qualifier</b>
	H = high importance (max 5 entries) M = medium importance L = low importance	

<b>2.7.1 Method used – Threats</b>	

<b>2.8 Complementary information</b>	
<b>2.8.1 Justification of % thresholds for trends</b>	
<b>2.8.2 Other relevant information</b>	
<b>2.8.3 Trans-boundary assessment</b>	

<b>2.9 Conclusions (<i>assessment of conservation status at end of reporting period</i>)</b>		
<b>2.9.1 Range</b>	<b>a) Conclusion</b>	<b>Unknown</b>
	<b>b) Qualifier</b>	
<b>2.9.2 Population</b>	<b>a) Conclusion</b>	<b>Unknown</b>
	<b>b) Qualifier</b>	
<b>2.9.3 Habitat for the species</b>	<b>a) Conclusion</b>	<b>Unknown</b>
	<b>b) Qualifier</b>	



<b>2.9.4 Future prospects</b>	<b>a) Conclusion</b>	<b>Unknown</b>
	<b>b) Qualifier</b>	
<b>2.9.5 Overall assessment of Conservation Status</b>	<b>Unknown</b>	
<b>2.9.6 Overall trend in Conservation Status</b>		

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

<b>3.1 Population</b>		
<b>3.1.1 Population size</b>  Estimation of population size included in the SAC network	<b>a) Unit</b>	
	<b>b) Minimum</b>	
	<b>c) Maximum</b>	
<b>3.1.2 Method used</b>		
<b>3.1.3 Trend of population size within the network</b> (short-term trend)  Optional		

**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

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