

**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:

S2626 - Narwhal (*Monodon monoceros*)

## 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>S2626</b>
	<b>0.2.2 Species scientific name</b>	<b><i>Monodon monoceros</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>
	There are only 3 UK records of this species; none in the current reporting period. A single narwhal sighting was made in 1949 off Orkney and a further two strandings in the Thames Estuary (Fraser, 1949; Evans et al., 2003).		

<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	<b>False</b>		
<b>1.1.5 Range map</b>	<b>False</b>		

<b>2.1 Biogeographical region &amp; marine regions</b>	<b>MATL</b> The narwhal is an arctic species with a discontinuous circumpolar distribution, except during spring when the eastern and western extents of the range may overlap north of Greenland (Culik, 2011).
<b>2.2 Published sources</b>	<b>Culik, B. M. 2011. Odontocetes -The toothed whales. CMS Technical Series No. 24.</b>  <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>  <b>Fraser, F. C. 1949. A narwhal in the Thames estuary. Nature 163, 575</b>  There are few published data for this species.

<b>2.3 Range</b>	
<b>2.3.1 Surface area Range</b>	Insufficient data
<b>2.3.2 Method used Surface area of Range</b>	<b>Absent data</b> Insufficient data
<b>2.3.3 Short-term trend Period</b>	<b>2001-2012</b> Insufficient data
<b>2.3.4 Short term trend Trend direction</b>	<b>unknown</b> Insufficient data
<b>2.3.5 Short-term trend Magnitude</b> Optional	<b>a) Minimum</b> Insufficient data
	<b>b) Maximum</b> Insufficient data
	Insufficient data
<b>2.3.6 Long-term trend Period</b> Optional	<b>1988-2012</b> Insufficient data
	Insufficient data
<b>2.3.7 Long-term trend Trend direction</b> Optional	<b>unknown</b> Insufficient data
	Insufficient data
<b>2.3.8 Long-term trend Magnitude</b> Optional	<b>a) Minimum</b> Insufficient data
	<b>b) Maximum</b> Insufficient data
	Insufficient data
<b>2.3.9 Favourable reference range</b>	<b>a) Value in km<sup>2</sup></b> Insufficient data
	<b>b) Operator for FRR</b> Insufficient data
	<b>c) FRR is unknown (indicated by "true")</b> <b>True</b> Insufficient data
	<b>d) Method used to set FRR</b> Insufficient data
	Insufficient data
	Insufficient data

<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>	<b>False</b>
	Insufficient data	
	<b>b) Improved knowledge/ more accurate data?</b>	<b>False</b>
	Insufficient data	
	<b>c) Use of different method (e.g. "Range tool")?</b>	<b>False</b>
	Insufficient data	

<b>2.4 Population</b>		
<b>2.4.1 Population size estimation</b> (using individuals or agreed exceptions where possible)	<b>a) Unit</b>	
	Insufficient data	
	<b>b) Minimum</b>	
	Insufficient data	
<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>	
	Insufficient data	
	<b>b) Minimum</b>	
	Insufficient data	
<b>2.4.3 Additional information on population estimates / conversion</b> Optional	<b>a) Definition of "locality"</b>	
	Insufficient data	
	<b>b) Method to convert data</b>	
	Insufficient data	
	<b>c) Problems encountered to provide population size estimation</b>	
	Insufficient data	
<b>2.4.4 Year or period</b>		
	Insufficient data	
<b>2.4.5 Method used Population size</b>	<b>Absent data</b>	
	Insufficient data	

<b>2.4.6 Short-term trend Period</b>	<b>2001-2012</b>	
	Insufficient data	
<b>2.4.7 Short-term trend Trend direction</b>	<b>unknown</b>	
	Insufficient data	
<b>2.4.8 Short-term trend Magnitude</b>  Optional	<b>a) Minimum</b>	
	Insufficient data	
	<b>b) Maximum</b>	
	Insufficient data	
	<b>c) Confidence interval</b>	
	Insufficient data	
<b>2.4.9 Short-term trend Method used</b>	<b>Absent data</b>	
	Insufficient data	
<b>2.4.10 Long-term trend – Period</b>  Optional	<b>1988-2012</b>	
	Insufficient data	
<b>2.4.11 Long-term trend Trend direction</b>  Optional	<b>unknown</b>	
	Insufficient data	
<b>2.4.12 Long-term trend Magnitude</b>  Optional	<b>a) Minimum</b>	
	Insufficient data	
	<b>b) Maximum</b>	
	Insufficient data	
	<b>c) Confidence interval</b>	
	Insufficient data	
<b>2.4.13 Long term trend Method used</b>  Optional	<b>Absent data</b>	
	Insufficient data	
<b>2.4.14 Favourable reference population</b>	<b>a) Number of individuals/agreed exceptions/other units</b>	
	Insufficient data	

	<b>b) Operator</b>	
	Insufficient data	
	<b>c) FRP is unknown (indicated by "true")</b>	<b>True</b>
	Insufficient data	
	<b>d) Method used to set FRP</b>	
	Insufficient data	
<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>
	Insufficient data	
	<b>b) Improved knowledge/more accurate data?</b>	<b>False</b>
	Insufficient data	
	<b>c) Use of different method (e.g. "Range tool")?</b>	<b>False</b>
	Insufficient data	

<b>2.5 Habitat for the species</b>		
<b>2.5.1 Area estimation</b>	The specific area of habitat occupied by this species in the UK is unknown.	
	Insufficient data	
<b>2.5.2 Year or period</b>		
	Insufficient data	
<b>2.5.3 Method used Habitat for the species</b>	<b>Absent data</b>	
	Insufficient data	
<b>2.5.4 Quality of the habitat</b>	<b>a) Habitat quality</b>	<b>Unknown</b>
	Insufficient data	
	<b>b) Assessment method</b>	
	Insufficient data	
<b>2.5.5 Short-term trend Period</b>	<b>2001-2012</b>	
	Insufficient data	
<b>2.5.6 Short-term trend Trend direction</b>	<b>unknown</b>	
	Insufficient data	
<b>2.5.7 Long-term trend</b>	<b>1988-2012</b>	

<b>Period</b> Optional	Insufficient data	
<b>2.5.8 Long-term trend</b> <b>Trend direction</b> Optional	<b>unknown</b>	
	Insufficient data	
<b>2.5.9 Area of suitable habitat for the species</b>	<b>a) Value in km<sup>2</sup></b>	
	Insufficient data	
	<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>
	Insufficient data	
	<b>b) Improved knowledge/more accurate data?</b>	<b>False</b>
	Insufficient data	
	<b>c) Use of different method (e.g. "Range tool")?</b>	<b>False</b>
	Insufficient data	

<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	

Insufficient data	
<b>2.6.1 Method used – Pressures</b>	Insufficient data

<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	

Insufficient data	
<b>2.7.1 Method used – Threats</b>	Insufficient data

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

<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>
	Insufficient data	
	<b>b) Qualifier</b>	
	Insufficient data	
<b>2.9.2 Population</b>	<b>a) Conclusion</b>	<b>Unknown</b>
	Insufficient data	
	<b>b) Qualifier</b>	
	Insufficient data	
<b>2.9.3 Habitat for the species</b>	<b>a) Conclusion</b>	<b>Unknown</b>
	Insufficient data	
	<b>b) Qualifier</b>	
	Insufficient data	
<b>2.9.4 Future prospects</b>	<b>a) Conclusion</b>	<b>Unknown</b>
	Insufficient data	
	<b>b) Qualifier</b>	
	Insufficient data	
<b>2.9.5 Overall assessment of Conservation Status</b>	<b>Unknown</b>	
	Insufficient data	
<b>2.9.6 Overall trend in Conservation Status</b>		
	Insufficient data	



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

**3.1 Population**

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

**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

Insufficient data

