

**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

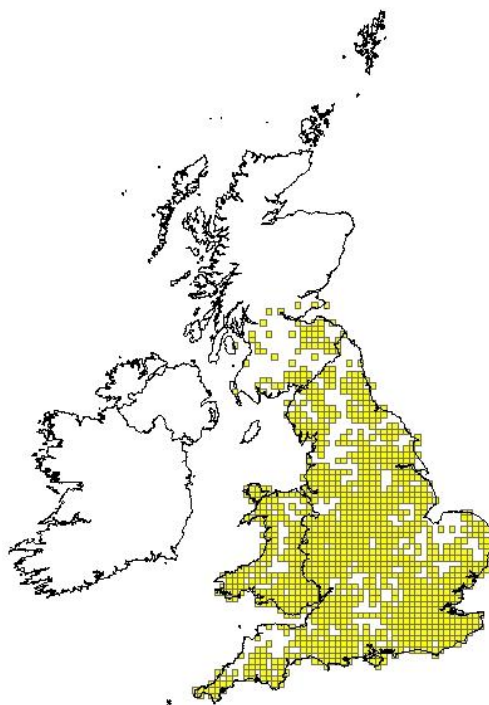
Species:

S1312 - Noctule (*Nyctalus noctula*)

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	S1312
	0.2.2 Species scientific name	<i>Nyctalus noctula</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	1980-2012
	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 using by applying the alpha hull range tool to the distribution map presented in 1.1.4. The alpha value for this species was 45km, For further details see the 2013 Article 17 UK Approach document.



2.1 Biogeographical region & marine regions	ATL
2.2 Published sources	<p>BARR, C.J. & GILLESPIE, M.K. 2000 Estimating hedgerow length and pattern characteristics in Great Britain using Countryside Survey data. <i>Journal of Environmental Management</i>, 60, 23-32.</p> <p>Bat Conservation Trust National Bat Monitoring Programme Field Survey</p> <p>BAT CONSERVATION TRUST, 2012. The National Bat Monitoring Programme. Annual Report 2011. Bat Conservation Trust, London (www.bats.org.uk)</p> <p>Bat Conservation Trust. Distribution atlas of bats in Britain and Ireland 1980 - 1999 GB data.</p> <p>BATTERSBY, J (Ed.). 2005. UK Mammals: Species Status and Population Trends. JNCC/Tracking Mammals Partnership http://jncc.defra.gov.uk/page-3311.</p> <p>Biological Records Centre - Mammals Database 100m;</p> <p>BOYE, P. & DIETZ, M. 2005. Research Report No 661: Development of good practice guidelines for woodland management for bats. English Nature, Peterborough http://publications.naturalengland.org.uk/publication/65012.</p> <p>CAREY, P.D., WALLIS, S.M., EMMETT, B.E., MASKELL, L.C.,</p>

MURPHY, J., NORTON, L.R., SIMPSON, I.C., SMART, S.S. 2008. Countryside Survey: UK headline messages from 2007. Centre for Ecology & Hydrology, Wallingford
www.ceh.ac.uk/products/publications/CS2007headlinereport.html.

David Dodds (pers comm).

HARRIS, S., MORRIS, P., WRAY, S. & YALDEN, D. 1995. A review of British Mammals: population estimates and conservation status of British mammals other than cetaceans. JNCC, Peterborough.

MACKIE, I.J. & RACEY, P.A. 2008. Noctule *Nyctalus noctula*. Pp 338-342 In HARRIS, S & YALDEN, D.W. Mammals of the British Isles: Handbook, 4th edition. The Mammal Society, Southampton.799pp.

MITCHELL-JONES, T.M.J & CARLIN, C (2009). TIN051 Bats and onshore wind turbines Interim Guidance. 2nd edition, February 2012. <http://publications.naturalengland.org.uk/file/490077>

Natural England - Batsites inventory for Britain
RICHARDSON, P. 2000. Distribution atlas of bats in Britain and Ireland 1980-1999. Bat Conservation Trust, London.

UK distribution map data sources

Bat colony survey data

Bat field survey data

Bats and Mammals Road Survey Data

Distribution Atlas of Bats in Britain and Ireland (1980-1999): data spreadsheet

J. Haddow (pers. comm.) SNH

NBN Gateway Biological Records Centre GA000074 Extracted 21/08/2012 Mammal records from Britain from the Atlas of Mammals (1993), with some subsequent records

NBN Gateway Biological Records In Essex GA001035 Extracted 21/08/2012 Bat records for Essex from 1971 - present.

NBN Gateway Bristol Regional Environmental Records Centre GA001100 Extracted 21/08/2012 BRERC JNCC May 2012

NBN Gateway Cumbria Biodiversity Data Centre GA000871 Extracted 21/08/2012 Cumbria Biodiversity Data Centre.

Vertebrate Observation Records, other than Birds. Pre-2010 for Cumbria

NBN Gateway Derbyshire Biological Records Centre GA000622

Extracted 21/08/2012 Derbyshire & Peak District Protected Species Database (Summary of available records 1970- 2008)

NBN Gateway Devon Biodiversity Records Centre GA000049 Extracted 21/08/2012 Devon incidental species records 1950-2002

NBN Gateway Devon Biodiversity Records Centre GA000688 Extracted 21/08/2012 Devon bat roost data

NBN Gateway Dorset Environmental Records Centre GA001010 Extracted 21/08/2012 Dorset Important Species 2012 for

Natural England use only

NBN Gateway EcoRecord GA000722 Extracted 21/08/2012 Mammal Records held by EcoRecord

NBN Gateway Environmental Records Information Centre North East GA000604 Extracted 21/08/2012 ERIC North East sensitive species records

	<p>NBN Gateway Fife Nature Records Centre GA000387 Extracted 21/08/2012 Records for Fife Nature Records Centre</p> <p>NBN Gateway Herefordshire Biological Records Centre GA001084 Extracted 21/08/2012 Herefordshire Biological Records Centre Species Records</p> <p>NBN Gateway Humber Environmental Data Centre GA000842 Extracted 21/08/2012 Humber Environmental Data Centre - Sensitive Records from all taxonomic groups</p> <p>NBN Gateway Lancashire Environment Record Network GA001068 Extracted 21/08/2012 West Lancashire Bat Records</p> <p>NBN Gateway Leicestershire and Rutland Environmental Records Centre GA000175 Extracted 21/08/2012 Leicestershire Bat records 2004</p> <p>NBN Gateway Leicestershire and Rutland Environmental Records Centre GA000647 Extracted 21/08/2012 Leicestershire Bat Records to 30/06/2009</p> <p>NBN Gateway Lincolnshire Biodiversity Partnership GA000921 Extracted 21/08/2012 Lincolnshire Bats (sightings)</p> <p>NBN Gateway Merseyside BioBank GA000990 Extracted 21/08/2012 North Merseyside Mammals (unverified)</p> <p>NBN Gateway Merseyside BioBank GA000991 Extracted 21/08/2012 North Merseyside Mammals (verified)</p> <p>NBN Gateway National Trust GA001105 Extracted 21/08/2012 Extract of National Trust species database covering Article 17 species</p> <p>NBN Gateway Natural England GA000161 Extracted 21/08/2012 Batsites inventory for England (1949-2011)</p> <p>NBN Gateway North & East Yorkshire Ecological Data Centre GA000840 Extracted 21/08/2012 North and East Yorkshire Ecological Data Centre - Sensitive Records from all taxonomic groups</p> <p>NBN Gateway Nottinghamshire Biological and Geological Records Centre GA000542 Extracted 21/08/2012 Nottinghamshire bat dataset</p> <p>NBN Gateway Rotherham Biological Records Centre GA000844 Extracted 21/08/2012 Rotherham Biological Records Centre - Sensitive Records from all taxonomic groups</p> <p>NBN Gateway Sheffield Biological Records Centre GA000879 Extracted 21/08/2012 Sheffield Biological Records Centre - Sensitive Records from all taxonomic groups.</p> <p>NBN Gateway Shropshire Ecological Data Network GA000693 Extracted 21/08/2012 Shropshire Ecological Data Network Database</p> <p>NBN Gateway Staffordshire Ecological Record GA000549 Extracted 21/08/2012 SER Species-based Surveys</p> <p>NBN Gateway Suffolk Biological Records Centre GA000623 Extracted 21/08/2012 Suffolk Biological Records Centre (SBRC) dataset</p> <p>NBN Gateway Sussex Biodiversity Record Centre GA001058 Extracted 21/08/2012 UK Habitat Directive data</p> <p>NBN Gateway Sussex Biodiversity Record Centre GA001076 Extracted 21/08/2012 SxBRC Full dataset for Environment Agency and Natural England use only.</p> <p>NBN Gateway The Bat Conservation Trust GA000437 Extracted 21/08/2012 The BCT/MTUK Bats & Roadside Mammals Survey</p> <p>NBN Gateway The Bat Conservation Trust GA000570 Extracted</p>
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	<p>21/08/2012 Bechstein's Bat Survey Project NBN Gateway The Bat Conservation Trust GA000577 Extracted 21/08/2012 Noctule, Serotine and Pipistrelle Field Survey NBN Gateway The Bat Conservation Trust GA000612 Extracted 21/08/2012 Hibernation Survey NBN Gateway The Bat Conservation Trust GA000616 Extracted 21/08/2012 Colony Count Survey NBN Gateway Tullie House Museum GA000765 Extracted 21/08/2012 Tullie House Museum Natural History Collections NBN Gateway Wiltshire and Swindon Biological Records Centre GA000584 Extracted 21/08/2012 Wiltshire & Swindon Site- based Survey Records NBN Gateway Wiltshire and Swindon Biological Records Centre GA000630 Extracted 21/08/2012 Wiltshire & Swindon Incidental Species Records NBN Gateway Worcestershire Biological Records Centre GA000636 Extracted 21/08/2012 Natural England species data for SSSI within Worcestershire from date of notification to present NBN Gateway Worcestershire Biological Records Centre GA000712 Extracted 21/08/2012 WBRC Species data for Worcestershire collated by date. NBN Gateway Yorkshire Wildlife Trust GA000838 Extracted 21/08/2012 Yorkshire Wildlife Trust - Sensitive records from all taxonomic groups SNH emailed to JNCC (LH) by Colin McLeod 21/08/2012 The Vincent Wildlife Trust Bat Box data. Sent to JNCC (LH) via Jean Matthews (CCW) 23/08/2012 Wales LRC Priority & Protected Species layer. Bat data from Cwm Lleidi Reservoir WWBIC: Wales LRC Priority & Protected Species layer. Bat data, National Trust, Ceredigion & Carmarthenshire WWBIC Wales LRC Priority & Protected Species layer. Bat records from Kite Ecology WWBIC Wales LRC Priority & Protected Species layer. Bat records from Matt Zeale WWBIC Wales LRC Priority & Protected Species layer. Bat records, 2011 WWBIC Wales LRC Priority & Protected Species layer. Bat roosts database, Pembrokeshire WWBIC Wales LRC Priority & Protected Species layer. Bats & Roadside Mammals Survey SEWBReC Wales LRC Priority & Protected Species layer. Bats CCW Llandeilo WWBIC Wales LRC Priority & Protected Species layer. BIS casual records 2008 - unconfirmed BIS Wales LRC Priority & Protected Species layer. BIS Casual Records BIS Wales LRC Priority & Protected Species layer. Blaenau Gwent Miscellaneous Records SEWBReC Wales LRC Priority & Protected Species layer. Brecknockshire Mammals VC42 2008 BIS Wales LRC Priority & Protected Species layer. Breconshire Mammal Recorder Data BIS Wales LRC Priority & Protected Species layer. Breconshire Mammals Update BIS</p>
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	<p>Wales LRC Priority & Protected Species layer. Breconshire Mammals VC42 2009 BIS</p> <p>Wales LRC Priority & Protected Species layer. Breconshire Mammals VC42 BIS</p> <p>Wales LRC Priority & Protected Species layer. Capita Symonds Data SEWBReC</p> <p>Wales LRC Priority & Protected Species layer. CCW (Cardiff) Bat Casework File 2009 SEWBReC</p> <p>Wales LRC Priority & Protected Species layer. CCW (Cardiff) Newport Wetlands Notebook SEWBReC</p> <p>Wales LRC Priority & Protected Species layer. CCW Bat Database BIS</p> <p>Wales LRC Priority & Protected Species layer. CCW Bat Roosts Database Pembrokeshire WWBIC</p> <p>Wales LRC Priority & Protected Species layer. CCW Ceredigion Bats WWBIC</p> <p>Wales LRC Priority & Protected Species layer. CCW- HQ - Terr-Bat Roosts Database - Wales SEWBReC</p> <p>Wales LRC Priority & Protected Species layer. CCW Licence Returns Data BIS</p> <p>Wales LRC Priority & Protected Species layer. CCW Radnor and North Brecknock-SSSI Scientific Data BIS</p> <p>Wales LRC Priority & Protected Species layer. Coed Simdde Lwyd WWBIC</p> <p>Wales LRC Priority & Protected Species layer. Exported from Cofnod Database on 27/04/2012</p> <p>Wales LRC Priority & Protected Species layer. Gwent Bat Survey SEWBReC</p> <p>Wales LRC Priority & Protected Species layer. Link Ecology- Misc records SEWBReC</p> <p>Wales LRC Priority & Protected Species layer. Mammals Carmarthenshire WWBIC</p> <p>Wales LRC Priority & Protected Species layer. MapMate Data SEWBReC</p> <p>Wales LRC Priority & Protected Species layer. Misc records in BBNP (SEWBReC)2 - South East Wales Biological Record Centre BIS</p> <p>Wales LRC Priority & Protected Species layer. Miscellaneous records BIS area - unverified BIS</p> <p>Wales LRC Priority & Protected Species layer. Monmouthshire Mammal Records SEWBReC</p> <p>Wales LRC Priority & Protected Species layer. Montgomeryshire VC47 Mammal records BIS</p> <p>Wales LRC Priority & Protected Species layer. National Bat Monitoring Programme Data SEWBReC</p> <p>Wales LRC Priority & Protected Species layer. Neath Port Talbot Margam Quarry SEWBReC</p> <p>Wales LRC Priority & Protected Species layer. Neath Port Talbot Peripheral Distributor Road SEWBReC</p> <p>Wales LRC Priority & Protected Species layer. Radnorshire Mammal Records BIS</p> <p>Wales LRC Priority & Protected Species layer. Radnorshire mammals VC43 BIS</p> <p>Wales LRC Priority & Protected Species layer. RSPB Records BIS</p> <p>Wales LRC Priority & Protected Species layer. SEWBReC Casual</p>
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	<p>Records</p> <p>Wales LRC Priority & Protected Species layer. Torfaen Miscellaneous Reports SEWBRcC</p> <p>Wales LRC Priority & Protected Species layer. UK BAP Records from NBN Gateway SEWBRcC</p> <p>Wales LRC Priority & Protected Species layer. Urban Bat Survey SEWBRcC</p> <p>Wales LRC Priority & Protected Species layer. Valleys Bat Group Records SEWBRcC</p> <p>Wales LRC Priority & Protected Species layer. Wildlife Trust for South and West Wales Miscellaneous Records SEWBRcC</p> <p>Wales LRC Priority & Protected Species layer. Wildwood Ecology Records SEWBRcC</p> <p>Wales LRC Priority & Protected Species layer. WWBIC Recording day, 2011, Bancyffynnon & Delphin, Carmarthenshire WWBIC</p> <p>Welsh Government Tir Gofal bat data 2009-2011.</p> <p>UK Distribution Map data sources</p> <p>Bat colony survey data</p> <p>Bat field survey data</p> <p>Bats and Mammals Road Survey Data</p> <p>Distribution Atlas of Bats in Britain and Ireland (1980-1999): data spreadsheet</p> <p>J. Haddow (pers. comm.) SNH</p> <p>NBN Gateway Biological Records Centre GA000074 Extracted 21/08/2012 Mammal records from Britain from the Atlas of Mammals (1993), with some subsequent records</p> <p>NBN Gateway Biological Records In Essex GA001035 Extracted 21/08/2012 Bat records for Essex from 1971 - present.</p> <p>NBN Gateway Bristol Regional Environmental Records Centre GA001100 Extracted 21/08/2012 BRERC JNCC May 2012</p> <p>NBN Gateway Cumbria Biodiversity Data Centre GA000871 Extracted 21/08/2012 Cumbria Biodiversity Data Centre. Vertebrate Observation Records, other than Birds. Pre-2010 for Cumbria</p> <p>NBN Gateway Derbyshire Biological Records Centre GA000622 Extracted 21/08/2012 Derbyshire & Peak District Protected Species Database (Summary of available records 1970- 2008)</p> <p>NBN Gateway Devon Biodiversity Records Centre GA000049 Extracted 21/08/2012 Devon incidental species records 1950-2002</p> <p>NBN Gateway Devon Biodiversity Records Centre GA000688 Extracted 21/08/2012 Devon bat roost data</p> <p>NBN Gateway Dorset Environmental Records Centre GA001010 Extracted 21/08/2012 Dorset Important Species 2012 for Natural England use only</p> <p>NBN Gateway EcoRecord GA000722 Extracted 21/08/2012 Mammal Records held by EcoRecord</p> <p>NBN Gateway Environmental Records Information Centre North East GA000604 Extracted 21/08/2012 ERIC North East sensitive species records</p> <p>NBN Gateway Fife Nature Records Centre GA000387 Extracted 21/08/2012 Records for Fife Nature Records Centre</p> <p>NBN Gateway Herefordshire Biological Records Centre GA001084</p>
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2.3 Range					
2.3.1 Surface area Range	171577.28 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.				
2.3.2 Method used Surface area of Range	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.				
2.3.3 Short-term trend Period	2001-2012 For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.				
2.3.4 Short term trend Trend direction	stable 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.				
2.3.5 Short-term trend Magnitude Optional	<table border="1"> <tr> <td>a) Minimum</td> <td></td> </tr> <tr> <td>b) Maximum</td> <td></td> </tr> </table>	a) Minimum		b) Maximum	
a) Minimum					
b) Maximum					
2.3.6 Long-term trend Period Optional					
2.3.7 Long-term trend Trend direction Optional					
2.3.8 Long-term trend Magnitude Optional	<table border="1"> <tr> <td>a) Minimum</td> <td></td> </tr> <tr> <td>b) Maximum</td> <td></td> </tr> </table>	a) Minimum		b) Maximum	
a) Minimum					
b) Maximum					
2.3.9 Favourable reference range	<table border="1"> <tr> <td>a) Value in km²</td> <td>158995</td> </tr> </table> <p>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.</p>	a) Value in km²	158995		
a) Value in km²	158995				

	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 mainly due to...	a) Genuine change?	False
	The slight increase in range is not thought to be genuine but as a result of better data.	
	b) Improved knowledge/more accurate data?	True
	The slight increase in range is not thought to be genuine but as a result of better data.	
	c) Use of different method (e.g. "Range tool")?	False
The slight increase in range is not thought to be genuine but as a result of better data.		

2.4 Population		
2.4.1 Population size estimation (using individuals or agreed exceptions where possible)	a) Unit	number of individuals
	The population unit is the same as reported in 2007.	
	b) Minimum	50000
	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
	c) Maximum	50000
For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.		

2.4.2 Population size estimation (using population unit other than individuals) Optional (<i>if 2.4.1 filled in</i>)	a) Unit	
	The population unit is the same as reported in 2007.	
	b) Minimum	
	c) Maximum	
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	1995-2011 The population estimate was made in 1995, but monitoring until 2011 suggests the population has remained stable, so the estimate remains applicable, albeit a low reliability estimate. 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 expert opinion with no or minimal sampling For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
2.4.6 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 The short term trend direction is based on the National Bat Monitoring Programme field survey.	
2.4.8 Short-term trend Magnitude Optional	a) Minimum	
	b) Maximum	
	c) Confidence interval	

2.4.9 Short-term trend Method used	Complete survey/Complete survey or a statistically robust estimate	
	Based on the National Bat Monitoring Programme field survey.	
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	50000
	The FRV for population is the same as reported in 2007. The value is considered to be large enough for the population to be viable and no lower than the population estimate from when the Habitats Directive came into force in the UK. For further details please see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
	b) Operator	
	c) FRP 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 FRP	The FRV for population is the same as reported in 2007. The value is considered to be large enough for the population to be viable and no lower than the population estimate from when the Habitats Directive came into force in the UK. For further details please see the 2013 Article 17 UK Approach document and relevant country-level reporting	

		information.
	The FRV for population is the same as reported in 2007. The value is considered to be large enough for the population to be viable and no lower than the population estimate from when the Habitats Directive came into force in the UK. For further details please see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
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 reported population is the same as in 2007.	
	b) Improved knowledge/more accurate data?	False
	The reported population is the same as in 2007.	
	c) Use of different method (e.g. "Range tool")?	False
	The reported population is the same as in 2007.	

2.5 Habitat for the species		
2.5.1 Area estimation	121762	
	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	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	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.	
2.5.4 Quality of the habitat	a) Habitat quality	Unknown
	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
	b) Assessment method	There is no or insufficient reliable information available to determine the quality of the habitat for this generalist species.
	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	unknown	
Trend direction	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
2.5.7 Long-term trend		
Period	Optional	
2.5.8 Long-term trend		
Trend direction	Optional	
2.5.9 Area of suitable habitat for the species	a) Value in km²	121762
	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 was reported as unknown in 2007 so no comparison is possible.	
	b) Improved knowledge/more accurate data?	False
	Surface area of habitat was reported as unknown in 2007 so no comparison is possible.	
	c) Use of different method (e.g. "Range tool")?	False
	Surface area of habitat was reported as unknown in 2007 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	
A04: grazing	H	
A10: Restructuring agricultural land holding	H	
B02: Forest and Plantation management & use	H	
A07: use of biocides, hormones and chemicals	M	
J02: human induced changes in hydraulic conditions	M	

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

2.6.1 Method used – Pressures

based only on expert judgements

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	
A04: grazing	H	
A10: Restructuring agricultural land holding	H	
B02: Forest and Plantation management & use	H	
A07: use of biocides, hormones and chemicals	M	
C03: Renewable abiotic energy use	M	
J02: human induced changes in hydraulic conditions	M	
J03: Other ecosystem modifications	L	
K04: Interspecific floral relations	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 (<i>assessment of conservation status at end of reporting period</i>)	
2.9.1 Range	a) Conclusion Favourable
	Range has been assessed as Favourable because range is greater than FRV and the short term range trend is stable.
	b) Qualifier
2.9.2 Population	a) Conclusion Favourable
	Population has been assessed as Favourable because the population is at least equal to the FRV and the short term trend is stable.
	b) Qualifier
2.9.3 Habitat for the species	a) Conclusion Favourable
	Habitat has been assessed as Favourable because there is thought to be sufficient amount of habitat for the species to be viable, and although habitat quality and trend are unknown, the fact that range and population are favourable suggests that habitat is not a major problem for this species.
	b) Qualifier
2.9.4 Future prospects	a) Conclusion Favourable
	Future prospects is assessed as Favourable on the basis of assessments of the future prospects of the three parameters, range, population and habitat for species: Range future prospects: Good Population future prospects: Good Habitat future prospects: Unknown Overall future prospects: Favourable. This is a widespread species that utilises a mosaic of habitats; threats are mainly related to degradation of a range of these habitats so is overall difficult to assess.
	b) Qualifier
2.9.5 Overall assessment of Conservation Status	Favourable

	Overall assessment is Favourable because all parameter assessments are FV
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 Estimation of population size included in the SAC network	a) Unit	
	b) Minimum	
	c) Maximum	
3.1.2 Method used		
3.1.3 Trend of population size within the network (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	3.2.4 Location	3.2.5 Broad evaluation of the measure
		H = high importance	where the measure is PRIMARILY applied	

	a) Legal/statutory	b) Administrative	c) Contractual	d) Recurrent	e) One-off	M = medium importance L = low importance	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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