

**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

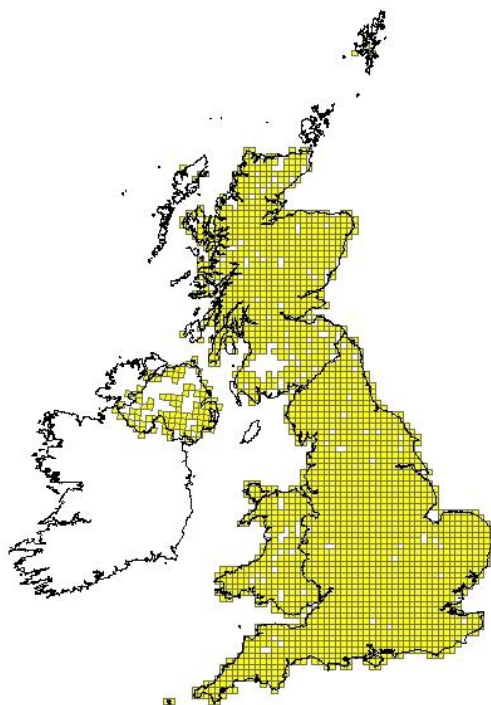
Species:

S1213 - Common frog (*Rana temporaria*)

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	S1213
	0.2.2 Species scientific name	<i>Rana temporaria</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	1976-2012		
	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 35km. For further details see the 2013 Article 17 UK Approach document.



2.1 Biogeographical region & marine regions	ATL
2.2 Published sources	<p>HILTON-BROWN, D. & OLDHAM, R.S. 1991. The status of the widespread amphibians and reptiles in Britain, 1990, and changes during the 1980s. Nature Conservancy Council Contract Survey No. 131. Nature Conservancy Council, Peterborough.</p> <p>HITCHINGS, S.P. & BEEBEE, T.J.C. 1997. Genetic substructuring as a result of barriers to gene flow in urban <i>Rana temporaria</i> (common frog) populations: implications for biodiversity conservation. <i>Heredity</i> 79: 117-127.</p> <p>LANGTON, T.E.S., BECKETT, C.L. & DUNSMORE, I. 1993. UK herpetofauna: a review of British herpetofauna populations in a wider context. Report 99F2A069 to Joint Nature Conservation Committee. Joint Nature Conservation Committee, Peterborough.</p> <p>Marnell, F. (1998) Discriminant analysis of the terrestrial and aquatic habitat determinants of the smooth newt (<i>Triturus vulgaris</i>) and the common frog (<i>Rana temporaria</i>) in Ireland. <i>J. Zoology</i> 244: 1-6</p> <p>Marnell, F. (1999) The distribution of the Common Frog <i>Rana temporaria</i> L. in Ireland. <i>Bulletin of the Irish Biogeographical</i></p>

	<p>Society 23: 60-70. Reid, N., Dingerkus, S.K., Stone, R.E., Buckley, J., Beebee, T.J.C. & Wilkinson, J.W. (2012) National Frog Survey of Ireland 2010/11. Irish Wildlife Manuals, No. 58. National Parks and Wildlife Service, Department of Arts, Heritage and the Gaeltacht, Dublin, Ireland. Reid, N., Karina Dingerkus, Richard E. Stone, Ruth Kelly, John Buckley, Trevor J.C. Beebee, Ferdia Marnell & John W. Wilkinson (in review) Population enumeration and assessing conservation status in a widespread amphibian: a case study of <i>Rana temporaria</i> in Ireland. Animal Conservation SAVAGE, R.M. 1961. The Ecology and Life History of the Common Frog (<i>Rana temporaria</i>). Pitman, London. SEWELL, D., BEEBEE, T.J.C. & GRIFFITHS, R.A. 2010. Optimising biodiversity assessments by volunteers: the application of occupancy modelling to large-scale amphibian surveys. Biological Conservation 143: 2102 - 2110. SWAN, M.J.S. & OLDHAM, R.S. 1989. Amphibian communities final report. Unpublished report. Peterborough: Nature Conservancy Council. SWAN, M.J.S. & OLDHAM, R.S. 1993a. Herptile sites volume 1: national amphibian survey final report. English Nature Research Report No. 38. English Nature, Peterborough. The Amphibian & Reptile Conservation Trust: Rare Species Database and Reptile and Amphibian Dataset (provided via the NBN Gateway) WILKINSON, J.P. & ARNELL, A.P. 2011. NARRS Report 2007-2009: Interim Results of the UK National Amphibian and Reptile Recording Scheme Widespread Species Surveys. ARC Research Report 11/01, Amphibian and Reptile Conservation, Bournemouth. WILKINSON, J.P. & ARNELL, A.P. 2013. NARRS Report 2007-2012: Establishing the Baseline. ARC Research Report 13/01, Amphibian and Reptile Conservation, Bournemouth. WILLIAMS, P., BIGGS, J., CROWE, A., MURPHY, J., NICOLET, P., WEATHERBY, A. & DUNBAR, M. 2010. Countryside Survey: ponds report from 2007. Technical Report No. 7/07 Pond Conservation and NERC/Centre for Ecology and Hydrology (CEH Project Number: C03259).</p> <p>UK distribution map data sources</p> <p>ARC Rare Species Dataset update prior to loading on the NBN Gateway August 2012 BTO Gardenwatch 2006 survey data NBN Gateway Aug2012 Amphibian and Reptile Conservation GA001013 NARRS Data 2007 - 2011 NBN Gateway Aug2012 Bedfordshire and Luton Biodiversity Recording and Monitoring Centre GA000458 Bedfordshire Herpetofauna (BNHS/BRAG) - 1973-2012 NBN Gateway Aug2012 Berkshire Reptile and Amphibian Group GA000850 BRAG - Berkshire Reptile and Amphibian Records NBN Gateway Aug2012 Biodiversity Information Service for Powys and Brecon Beacons National Park GA000984 CCW Regional Data : Mid-Wales NBN Gateway Aug2012 Biological Records Centre GA000145</p>
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	<p>Reptiles and Amphibians Dataset</p> <p>NBN Gateway Aug2012 Bristol Regional Environmental Records Centre GA000426 BRERC February 2012</p> <p>NBN Gateway Aug2012 Cambridgeshire & Peterborough Environmental Records Centre GA001080 Amphibian and reptile records held by CPERC</p> <p>NBN Gateway Aug2012 Cofnod (North Wales Environmental Information Service) GA000747 CCW Regional Data: North Wales</p> <p>NBN Gateway Aug2012 Countryside Council for Wales GA000506 Welsh Invertebrate Database (WID)</p> <p>NBN Gateway Aug2012 Cumbria Biodiversity Data Centre GA000871 Cumbria Biodiversity Data Centre. Vertebrate Observation Records, other than Birds. Pre-2010 for Cumbria</p> <p>NBN Gateway Aug2012 Dorset Environmental Records Centre GA000317 Dorset Wildlife Trust Reserve Records</p> <p>NBN Gateway Aug2012 Dorset Environmental Records Centre GA000489 Dorset SSSI Species Records 1952 - 2004 (Natural England)</p> <p>NBN Gateway Aug2012 Dorset Environmental Records Centre GA000638 Dorset Sites of Nature Conservation Interest (SNCI) species records 2000-2008</p> <p>NBN Gateway Aug2012 Dorset Environmental Records Centre GA000859 Dorset Sites of Nature Conservation Interest (SNCI) species records pre 2000</p> <p>NBN Gateway Aug2012 Dorset Environmental Records Centre GA001010 Dorset Important Species 2012 for Natural England use only</p> <p>NBN Gateway Aug2012 Dorset Environmental Records Centre GA001111 Dorset Historical Summary Data for Habitats Directive Reporting Group only</p> <p>NBN Gateway Aug2012 EcoRecord GA000721 Amphibian Records held by EcoRecord</p> <p>NBN Gateway Aug2012 Environmental Records Information Centre North East GA000504 ERIC North East non-sensitive species records</p> <p>NBN Gateway Aug2012 Environmental Records Information Centre North East GA000604 ERIC North East sensitive species records</p> <p>NBN Gateway Aug2012 Fife Nature Records Centre GA000387 Records for Fife Nature Records Centre</p> <p>NBN Gateway Aug2012 Gloucestershire Centre for Environmental Records GA000961 Gloucestershire Amphibians not including great crested newts</p> <p>NBN Gateway Aug2012 Hampshire Biodiversity Information Centre GA000617 HBIC and partners species records</p> <p>NBN Gateway Aug2012 Herefordshire Biological Records Centre GA001084 Herefordshire Biological Records Centre Species Records</p> <p>NBN Gateway Aug2012 Highland Biological Recording Group GA000497 HBRG Vertebrates (not Badger) Dataset</p> <p>NBN Gateway Aug2012 Lancashire Environment Record Network GA001061 Amphibian and Reptile Records</p> <p>NBN Gateway Aug2012 Leicestershire and Rutland Environmental Records Centre GA000005 Leicestershire and Rutland Amphibian & Reptile records. Historic plus 1960 to</p>
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	<p>2006</p> <p>NBN Gateway Aug2012 Leicestershire and Rutland Environmental Records Centre GA000646</p> <p>NBN Gateway Aug2012 Lincolnshire Biodiversity Partnership GA000626 Amphibian and reptile records in Lincolnshire</p> <p>NBN Gateway Aug2012 Merseyside BioBank GA000982 North Merseyside Reptiles and Amphibians (unverified)</p> <p>NBN Gateway Aug2012 National Trust for Scotland GA000468</p> <p>NBN Gateway Aug2012 National Trust GA000779 Hatfield Forest species data held by The National Trust.</p> <p>NBN Gateway Aug2012 National Trust GA000781 Ickworth species data held by The National Trust.</p> <p>NBN Gateway Aug2012 National Trust GA001105 Extract of National Trust species database covering Article 17 species</p> <p>NBN Gateway Aug2012 Norfolk Biodiversity Information Service GA000733 Norfolk Amphibian and Reptile records to March 2010</p> <p>NBN Gateway Aug2012 North & East Yorkshire Ecological Data Centre GA000839 North and East Yorkshire Ecological Data Centre - Non-sensitive Records from all taxonomic groups.</p> <p>NBN Gateway Aug2012 North East Scotland Biological Records Centre GA000797 NE Scotland amphibian and reptile records 1800-2010</p> <p>NBN Gateway Aug2012 Nottinghamshire Biological and Geological Records Centre GA000658 Records of amphibians and reptiles for Nottinghamshire</p> <p>NBN Gateway Aug2012 Outer Hebrides Biological Recording Project GA001050 OHBRP Vertebrates (except birds and restricted records) Dataset - Outer Hebrides</p> <p>NBN Gateway Aug2012 Pond Conservation GA000459 National Pond Monitoring Network collated pond survey data for Great Britain 1972 to 2007</p> <p>NBN Gateway Aug2012 Record, the Biodiversity Information System for Cheshire, Halton, Warrington and the Wirral GA000598 RECORD Amphibia Data up to 25/06/2010</p> <p>NBN Gateway Aug2012 RSPB GA000873 Bringing Reedbeds to Life Amphibian Survey of two key reedbed sites in England in 2010</p> <p>NBN Gateway Aug2012 Scottish Environment Protection Agency GA000353 River macroinvertebrate data for 2005 and 2006</p> <p>NBN Gateway Aug2012 Scottish Natural Heritage GA001141 Recovery of the medicinal leech <i>Hirudo medicinalis</i> in Scotland - Phase II</p> <p>NBN Gateway Aug2012 Scottish Natural Heritage GA001145 SNH Species Repository</p> <p>NBN Gateway Aug2012 Scottish Wildlife Trust GA000736 Commissioned surveys and staff surveys and reports for SWT reserves.</p> <p>NBN Gateway Aug2012 Seil Natural History Group GA001092 SNHG Biological Records Dataset</p> <p>NBN Gateway Aug2012 Sheffield Biological Records Centre GA000878 Sheffield Biological Records Centre- Non-sensitive Records from all taxonomic groups.</p> <p>NBN Gateway Aug2012 Shire Group of Internal Drainage Boards GA000720 Shire Group IDB species data 2004 to</p>
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	<p>present</p> <p>NBN Gateway Aug2012 Shropshire Ecological Data Network GA000693 Shropshire Ecological Data Network Database</p> <p>NBN Gateway Aug2012 Somerset Environmental Records Centre GA001101 Somerset JNCC Article 17 Species</p> <p>NBN Gateway Aug2012 South East Wales Biodiversity Records Centre GA000823 CCW Regional Data : South East Wales Non-sensitive Species Records</p> <p>NBN Gateway Aug2012 Staffordshire Ecological Record GA000548 SER Site-based Surveys</p> <p>NBN Gateway Aug2012 Staffordshire Ecological Record GA000549 SER Species-based Surveys</p> <p>NBN Gateway Aug2012 Suffolk Biological Records Centre GA000623 Suffolk Biological Records Centre (SBRC) dataset</p> <p>NBN Gateway Aug2012 Sussex Biodiversity Record Centre GA000655 Patrick Roper's Notebooks</p> <p>NBN Gateway Aug2012 Sussex Biodiversity Record Centre GA001058 UK Habitat Directive data</p> <p>NBN Gateway Aug2012 Thames Valley Environmental Records Centre GA000544 Local Wildlife Site Surveys Oxfordshire</p> <p>NBN Gateway Aug2012 Thames Valley Environmental Records Centre GA001125 English Nature and NCC Oxfordshire Surveys</p> <p>NBN Gateway Aug2012 The Wildlife Information Centre GA000010 Lothian Wildlife Information Centre Secret Garden Survey</p> <p>NBN Gateway Aug2012 The Wildlife Information Centre GA000368 SWT Scottish Borders Local Wildlife Site Survey data 1996-2000 - species information</p> <p>NBN Gateway Aug2012 The Wildlife Information Centre GA000369 Borders Backyard Biodiversity</p> <p>NBN Gateway Aug2012 Tullie House Museum GA000765 Tullie House Museum Natural History Collections</p> <p>NBN Gateway Aug2012 West Wales Biodiversity Information Centre GA000697 CCW Regional Data: all taxa (excluding sensitive species), West Wales</p> <p>NBN Gateway Aug2012 Wiltshire and Swindon Biological Records Centre GA001098 Wiltshire and Swindon Habitats Directive (Article 17) Species - Reporting Group Use Only</p> <p>NBN Gateway Aug2012 Worcestershire Biological Records Centre GA000636 Natural England species data for SSSI within Worcestershire from date of notification to present</p> <p>NBN Gateway Aug2012 Worcestershire Biological Records Centre GA000689 Species data for Special Wildlife Sites within Worcestershire from date of notification to present.</p> <p>NBN Gateway Aug2012 Worcestershire Biological Records Centre GA000690 Worcestershire Wildlife Trust species data for owned and managed Reserves within Worcestershire from date of first acquisition to present.</p> <p>NBN Gateway Aug2012 Worcestershire Biological Records Centre GA000712 WBRC Species data for Worcestershire collated by date.</p> <p>NBN Gateway Aug2012 Worcestershire Biological Records Centre GA000777 WBRC Species data for Worcestershire collated by species group</p> <p>NBN Gateway data: extracted by LH 11/09/2012 National Trust GA001105 Extract of National Trust species database</p>
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**covering Article 17 species
Reptiles and Amphibians Dataset (1650-2001)**

UK Distribution Map data sources

ARC Rare Species Dataset update prior to loading on the NBN Gateway August 2012

BTO Gardenwatch 2006 survey data

NBN Gateway Aug2012 Amphibian and Reptile Conservation GA001013 NARRS Data 2007 - 2011

NBN Gateway Aug2012 Bedfordshire and Luton Biodiversity Recording and Monitoring Centre GA000458 Bedfordshire Herpetofauna (BNHS/BRAG) - 1973-2012

NBN Gateway Aug2012 Berkshire Reptile and Amphibian Group GA000850 BRAG - Berkshire Reptile and Amphibian Records

NBN Gateway Aug2012 Biodiversity Information Service for Powys and Brecon Beacons National Park GA000984 CCW Regional Data : Mid-Wales

NBN Gateway Aug2012 Biological Records Centre GA000145 Reptiles and Amphibians Dataset

NBN Gateway Aug2012 Bristol Regional Environmental Records Centre GA000426 BRERC February 2012

NBN Gateway Aug2012 Cambridgeshire & Peterborough Environmental Records Centre GA001080 Amphibian and reptile records held by CPERC

NBN Gateway Aug2012 Cofnod (North Wales Environmental Information Service) GA000747 CCW Regional Data: North Wales

NBN Gateway Aug2012 Countryside Council for Wales GA000506 Welsh Invertebrate Database (WID)

NBN Gateway Aug2012 Cumbria Biodiversity Data Centre GA000871

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

NBN Gateway Aug2012 Dorset Environmental Records Centre GA000317 Dorset Wildlife Trust Reserve Records

NBN Gateway Aug2012 Dorset Environmental Records Centre GA000489 Dorset SSSI Species Records 1952 - 2004 (Natural England)

NBN Gateway Aug2012 Dorset Environmental Records Centre GA000638 Dorset Sites of Nature Conservation Interest (SNCI) species records 2000-2008

NBN Gateway Aug2012 Dorset Environmental Records Centre GA000859 Dorset Sites of Nature Conservation Interest (SNCI) species records pre 2000

NBN Gateway Aug2012 Dorset Environmental Records Centre GA001010 Dorset Important Species 2012 for Natural England use only

NBN Gateway Aug2012 Dorset Environmental Records Centre GA001111 Dorset Historical Summary Data for Habitats Directive Reporting Group only

NBN Gateway Aug2012 EcoRecord GA000721 Amphibian Records held by EcoRecord

NBN Gateway Aug2012 Environmental Records Information Centre North East GA000504 ERIC North East non-sensitive species records

NBN Gateway Aug2012 Environmental Records Information Centre North East GA000604 ERIC North East sensitive species records

NBN Gateway Aug2012 Fife Nature Records Centre GA000387 Records for Fife Nature Records Centre

	<p>NBN Gateway Aug2012 Gloucestershire Centre for Environmental Records GA000961 Gloucestershire Amphibians not including great crested newts</p> <p>NBN Gateway Aug2012 Hampshire Biodiversity Information Centre GA000617 HBIC and partners species records</p> <p>NBN Gateway Aug2012 Herefordshire Biological Records Centre GA001084 Herefordshire Biological Records Centre Species Records</p> <p>NBN Gateway Aug2012 Highland Biological Recording Group GA000497 HBRG Vertebrates (not Badger) Dataset</p> <p>NBN Gateway Aug2012 Lancashire Environment Record Network GA001061 Amphibian and Reptile Records</p> <p>NBN Gateway Aug2012 Leicestershire and Rutland Environmental Records Centre GA000005 Leicestershire and Rutland Amphibian & Reptile records. Historic plus 1960 to 2006</p> <p>NBN Gateway Aug2012 Leicestershire and Rutland Environmental Records Centre GA000646</p> <p>NBN Gateway Aug2012 Lincolnshire Biodiversity Partnership GA000626 Amphibian and reptile records in Lincolnshire</p> <p>NBN Gateway Aug2012 Merseyside BioBank GA000982 North Merseyside Reptiles and Amphibians (unverified)</p> <p>NBN Gateway Aug2012 National Trust for Scotland GA000468</p> <p>NBN Gateway Aug2012 National Trust GA000779 Hatfield Forest species data held by The National Trust.</p> <p>NBN Gateway Aug2012 National Trust GA000781 Ickworth species data held by The National Trust.</p> <p>NBN Gateway Aug2012 National Trust GA001105 Extract of National Trust species database covering Article 17 species</p> <p>NBN Gateway Aug2012 Norfolk Biodiversity Information Service GA000733 Norfolk Amphibian and Reptile records to March 2010</p> <p>NBN Gateway Aug2012 North & East Yorkshire Ecological Data Centre GA000839 North and East Yorkshire Ecological Data Centre - Non-sensitive Records from all taxonomic groups.</p> <p>NBN Gateway Aug2012 North East Scotland Biological Records Centre GA000797 NE Scotland amphibian and reptile records 1800-2010</p> <p>NBN Gateway Aug2012 Nottinghamshire Biological and Geological Records Centre GA000658 Records of amphibians and reptiles for Nottinghamshire</p> <p>NBN Gateway Aug2012 Outer Hebrides Biological Recording Project GA001050 OHBRP Vertebrates (except birds and restricted records) Dataset - Outer Hebrides</p> <p>NBN Gateway Aug2012 Pond Conservation GA000459 National Pond Monitoring Network collated pond survey data for Great Britain 1972 to 2007</p> <p>NBN Gateway Aug2012 Record, the Biodiversity Information System for Cheshire, Halton, Warrington and the Wirral GA000598 RECORD Amphibia Data up to 25/06/2010</p> <p>NBN Gateway Aug2012 RSPB GA000873 Bringing Reedbeds to Life Amphibian Survey of two key reedbed sites in England in 2010</p> <p>NBN Gateway Aug2012 Scottish Environment Protection Agency GA000353 River macroinvertebrate data for 2005 and 2006</p> <p>NBN Gateway Aug2012 Scottish Natural Heritage GA001141 Recovery of the medicinal leech <i>Hirudo medicinalis</i> in Scotland - Phase II</p> <p>NBN Gateway Aug2012 Scottish Natural Heritage GA001145 SNH Species Repository</p> <p>NBN Gateway Aug2012 Scottish Wildlife Trust GA000736 Commissioned surveys and staff surveys and reports for SWT reserves.</p>
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	GA000777 WBRC Species data for Worcestershire collated by species group NBN Gateway data: extracted by LH 11/09/2012 National Trust GA001105 Extract of National Trust species database covering Article 17 species Reptiles and Amphibians Dataset (1650-2001)

2.3 Range					
2.3.1 Surface area Range	240645.82 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	a) Value in km²	239661
	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
	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
	There is negligible difference between the current range and the range reported in 2007. Any change is likely to be due to better data and use of the updated range mapping tool.	
	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 and use of the updated range mapping tool.	
	c) Use of different method (e.g. "Range tool")?	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 and use of the updated range mapping tool.	

2.4 Population**2.4.1 Population size estimation****a) Unit**

(using individuals or agreed exceptions where possible)	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 10x10 km grid cells
	The population unit is the same as reported in 2007.	
	b) Minimum	2397
	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
	c) Maximum	2851
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	1976-2012	
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	1989-2012	
Optional	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
2.4.11 Long-term trend Trend direction	stable	
Optional	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
2.4.12 Long-term trend Magnitude	a) Minimum	
Optional		
	b) Maximum	
	c) Confidence interval	
2.4.13 Long term trend Method used	Estimate based on expert opinion with no or minimal sampling	
Optional	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
2.4.14 Favourable reference population	a) Number of individuals/agreed exceptions/other units	2149
	The FRV for population is the same as reported in 2007. 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
	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 slight increase in the population estimate is not thought to be genuine but due to better data.	
	b) Improved knowledge/more accurate data?	True
	The slight increase in the population estimate is not thought to be genuine but due to better data.	
	c) Use of different method (e.g. "Range tool")?	False
		The slight increase in the population estimate is not thought to be genuine but due to 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	N/A	
	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 habitat	a) Habitat quality	Unknown
	For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.	
	b) Assessment	Common frogs occupy a wide range of

	method	habitats and it is not possible to assess habitat quality.
	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	unknown	
	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	unknown	
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 and was reported as unknown in 2007 so no comparison is possible.	
	b) Improved knowledge/more accurate data?	False
	Surface area of habitat is unknown and 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 is unknown and 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	
A02: modification of cultivation practices	H	AN

H01: Pollution to surface waters (limnic & terrestrial, marine & brackish)	H	ANOPTX
A07: use of biocides, hormones and chemicals	M	ANOTX
A08: Fertilisation	M	NOPX
A10: Restructuring agricultural land holding	M	P
D01: Roads, paths and railroads	M	AX
E01: Urbanised areas, human habitation	M	N
E02: Industrial or commercial areas	M	O
H04: Air pollution, air-borne pollutants	M	ANX
I01: invasive non-native species	M	X
J02: human induced changes in hydraulic conditions	M	O
J03: Other ecosystem modifications	M	T
K02: Biocenotic evolution, succession	M	X
K03: Interspecific faunal relations	M	N
A01: Cultivation	L	
A03: mowing / cutting of grassland	L	
A04: grazing	L	
B02: Forest and Plantation management & use	L	T
C01: Mining and quarrying	L	X
F01: Marine and Freshwater Aquaculture	L	P

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

2.6.1 Method used – Pressures

mainly based on expert judgement and other data

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	
A02: modification of cultivation practices	H	P
H01: Pollution to surface waters (limnic & terrestrial, marine &	H	ANOPTX

brackish)		
K02: Biocenotic evolution, succession	H	X
A07: use of biocides, hormones and chemicals	M	OTX
A08: Fertilisation	M	ANPX
A10: Restructuring agricultural land holding	M	N
D01: Roads, paths and railroads	M	TX
E01: Urbanised areas, human habitation	M	X
E02: Industrial or commercial areas	M	O
H04: Air pollution, air-borne pollutants	M	ANX
I01: invasive non-native species	M	X
J02: human induced changes in hydraulic conditions	M	O
J03: Other ecosystem modifications	M	T
K03: Interspecific faunal relations	M	N
M01: Changes in abiotic conditions	M	P
M02: Changes in biotic conditions	M	X
A04: grazing	L	
B02: Forest and Plantation management & use	L	O
C01: Mining and quarrying	L	P
F01: Marine and Freshwater Aquaculture	L	T

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.
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2.8 Complementary information	
2.8.1 Justification of % thresholds for trends	
2.8.2 Other relevant information	<p>This species is widespread, generalist and common species throughout the UK.</p> <p>For further details see the 2013 Article 17 UK Approach document and relevant country-level reporting information.</p>
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 the surface area of range is greater than the FRV and the short term trend is stable.	
	b) Qualifier	
2.9.2 Population	a) Conclusion	Favourable
	Population has been assessed as Favourable because population is greater than the FRV and the short term trend is 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 habitat to support a viable population, 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
	<p>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:</p> <p>Range future prospects: Good</p> <p>Population future prospects: Good</p> <p>Habitat future prospects: Good</p> <p>Overall future prospects: Favourable.</p>	

	As a generalist, this species uses a range of semi-natural aquatic and terrestrial habitats; the main threats are of damage to these habitats, and are considered unlikely to be of significant impact on the species during this time period.
	b) Qualifier
2.9.5 Overall assessment of Conservation Status	Favourable
	The overall assessment is Favourable because all parameter assessments are Favourable.
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 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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