

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


**Second Report by the United Kingdom under
Article 17
on the implementation of the Directive
from January 2001 to December 2006**

**Conservation status assessment for
Species:
S1207 - *Rana lessonae* - Pool frog**

The information in this assessment corresponds to the "species fact sheet" submitted by the UK to the European Union in February 2008 (second and final submission). Please note that this is a section of the UK's report. For the complete report visit <http://www.jncc.gov.uk/article17>

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Species Name: *Rana lessonae*

1. National level	
Species Code	S1207
Member State	United Kingdom
Biogeographic regions concerned within the Member state	ATL
1.1 Range map	

1.2 Distribution map



2. Biogeographic level

2.1 Biogeographic region

ATL

2.2 Published sources and/or websites

BEEBEE, T.J.C., BUCKLEY, J., EVANS, I., FOSTER, J.P., GENT, A.H., GLEED-OWEN, C.P., KELLY, G., ROWE, G., SNELL, C., WYCHERLEY, J.. & ZEISSET, I. 2005. Neglected native or undesirable alien? Resolution of a conservation dilemma concerning the pool frog *Rana lessonae*. *Biodiversity and Conservation* 14: 1607–1626.

BEEBEE, T.J.C. & GRIFFITHS, R.A. 2000. Amphibians and reptiles: A natural history of the British herpetofauna. The New Naturalist series. London: HarperCollins.

BIGGS, J., WILLIAMS, P., WHITFIELD, M., NICOLET, P. & WEATHERBY, A. 2005. 15 years of pond assessment in Britain: results and lessons learned from the work of Pond Conservation. *Aquatic Conservation-Marine and Freshwater Ecosystems*, 15: 693-714.

	<p>BUCKLEY, J. & FOSTER, J. 2005. Re-introduction strategy for the pool frog <i>Rana lessonae</i> in England. English Nature Research Report no 642. English Nature, Peterborough.</p> <p>FOSTER, J. & BUCKLEY, J. 2006. Report on the second release in the reintroduction of the pool frog <i>Rana lessonae</i> to England, May-June 2006. Report to Natural England Wildlife Licensing Unit. October 2006. Unpublished.</p> <p>KUZMIN, S., BEEBEE, T., ANDREONE, F., NYSTRÖM, P., ANTHONY, B., SCHMIDT, B., OGRODOWCZYK, A., OGIELSKA, M., COGALNICEANU, D., KOVÁCS, T., KISS, I., PUKY, M. & VÖRÖS, J. 2004. <i>Rana lessonae</i>. In: IUCN 2006. 2006 IUCN Red List of Threatened Species. www.iucnredlist.org/search/details.php/58643/all</p> <p>POOL FROG SAP SG (2006) Pool frog SAP targets review. Unpublished. URL: www.ukbap.org.uk/bapgroupage.aspx?id=98</p> <p>Map Data Source</p> <p>Natural England, J. Foster (pers. comm.).</p>
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2.3 Range of species in the biogeographic region or marine region

2.3.1 Surface range of the species (sq km)	100
2.3.2 Date of range determination	2006
2.3.3 Quality of data concerning range	Good
2.3.4 Range trend	Increasing (+)
2.3.5 Range trend magnitude (%)	Unknown
2.3.6 Range trend period	1994-2006
2.3.7 Reasons for reported trend	3 - Direct human influence;

2.4 Population

2.4.1 Population size estimation	Minimum	1	Maximum	1
	Units	Other Population		
2.4.2 Date of population estimation	2006			
2.4.3 Method used for population estimation	3 - From comprehensive inventory			
2.4.4 Quality of population data	Good			
2.4.5 Population trend	Increasing (+)			
2.4.6 Population trend magnitude (%)	Unknown			
2.4.7 Population trend period	1994-2006			
2.4.8 Reasons for reported trend	3 - Direct human influence;			
2.4.9 Justification of % thresholds for trends (optional)	Not applicable			

2.4.10 Main pressures	100 - Cultivation; 101 - Modification of cultivation practices; 141 - Abandonment of pastoral systems; 151 - Removal of hedges and copses; 164 - Forestry clearance; 390 - Mining and extraction activities not referred to above; 400 - Urbanised areas, human habitation; 410 - Industrial or commercial areas; 500 - Communication networks; 701 - water pollution; 800 - Landfill, land reclamation and drying out, general; 853 - management of water levels; 890 - Other human induced changes in hydraulic conditions; 910 - Silting up; 920 - Drying out; 952 - eutrophication; 964 - genetic pollution; 965 - predation;
2.4.11 Threats	101 - Modification of cultivation practices; 400 - Urbanised areas, human habitation; 410 - Industrial or commercial areas; 500 - Communication networks; 853 - management of water levels; 910 - Silting up; 920 - Drying out; 964 - genetic pollution;
2.5 Habitat for the species in the biogeographic region or marine region	
2.5 Habitats for the species	Kuzmin et al. (2004) state that “the pool frog is present in deciduous and mixed forests, forest steppe, steppe, bush lands (e.g. riparian alder groves), meadows, fields and fens. It may often be found in shallow stagnant waterbodies (usually without fish) such as lakes, ponds, swamps, large puddles, clay and gravel pits, and ditches, often covered with dense herbaceous vegetation. It breeds in these wetlands, but may be found hibernating away from waterbodies. It is not very adaptable, but can occur in slightly modified habitats.”
2.5.2 Area estimation (sq km)	0.125
2.5.3 Date of estimation	2006
2.5.4 Quality of data	Good
2.5.5 Trend of the habitat	Unknown (X)
2.5.6 Trend period	1994-2006
2.5.7 Reasons for reported trend	Not applicable
2.6 Future prospects	
2.6 Future prospects for the species	Unknown
2.7 Complementary information	
2.7.1 Favourable reference range (sq km)	Unknown
2.7.2 Favourable reference population	
2.7.3 Suitable Habitat for the species	Unknown
2.7.4 Other relevant information	
2.8 Conclusions <i>(assessment of conservation status at end of reporting period)</i>	
(2.3) Range	(U2+) - Bad but improving
(2.4) Population	(U2+) - Bad but improving
(2.5) Habitat for the species	(XX) - Unknown
(2.6) Future prospects	(XX) - Unknown
Overall assessment	(U2+) - Bad but improving