

**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:
S1831 - *Luronium natans* - Floating water-
plantain**

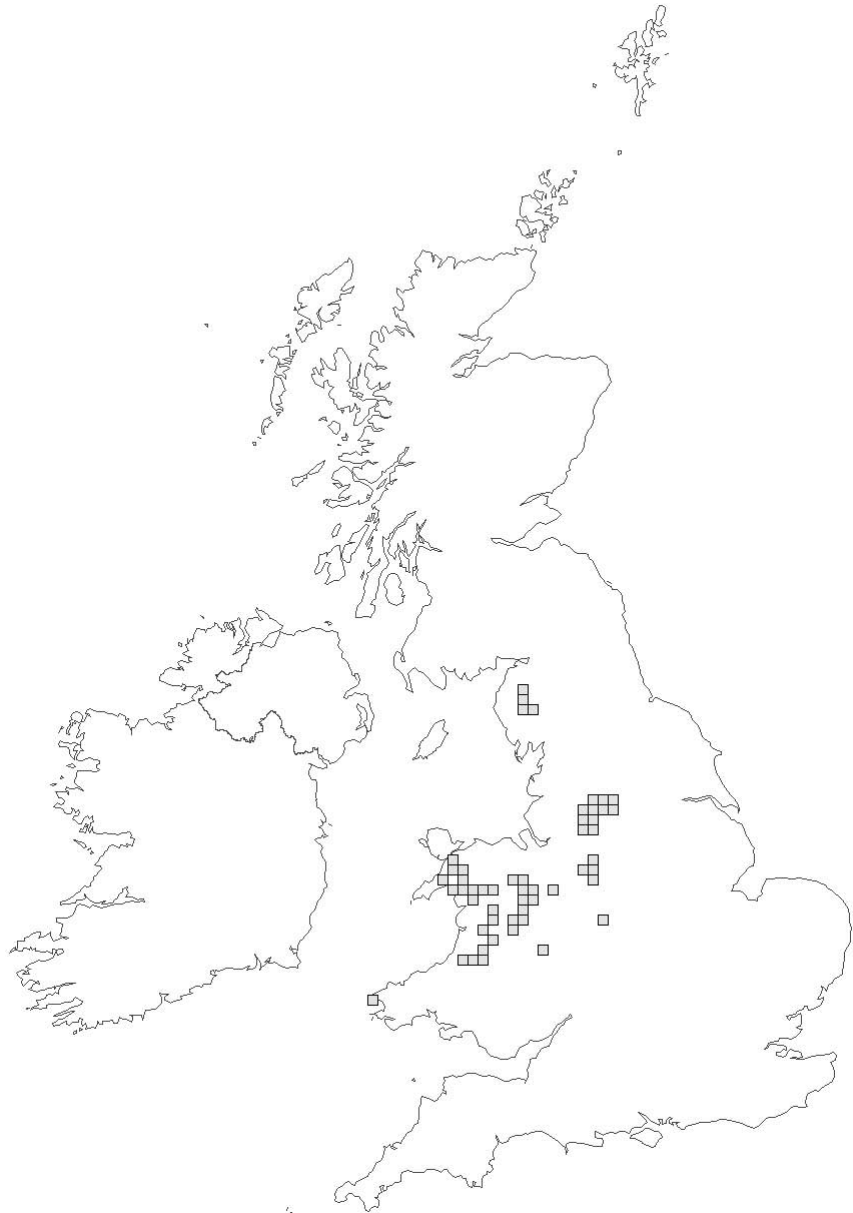
The information in this assessment corresponds to the "species fact sheet" submitted by the UK to the European Union in February 2008 (second and final submission). Please note that this is a section of the UK's report. For the complete report visit <http://www.jncc.gov.uk/article17>

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Species Name: *Luronium natans*

1. National level	
Species Code	S1831
Member State	United Kingdom
Biogeographic regions concerned within the Member state	ATL
1.1 Range map	 A map of the United Kingdom showing the distribution of <i>Luronium natans</i> . The distribution is indicated by shaded areas: a large area in the south of England, a smaller area in the north of England, and a small area in the north of Scotland. The rest of the UK, including Ireland, Wales, and the Scottish Highlands, is unshaded.

1.2 Distribution map



2. Biogeographic level

2.1 Biogeographic region

ATL

2.2 Published sources and/or websites

CARVALHO, L. & MOSS, B. 1998. Lake SSSIs subject to eutrophication – an environmental audit. English Nature Freshwater Series, No. 3

JACKSON, D.L. & McLEOD, C.R. (Eds.) 2002. Handbook on the UK status of EC Habitats Directive interest features: provisional data on the UK distribution and extent of Annex I habitats and the UK distribution and population size of Annex II species. Revised 2002 JNCC Report No. 312

PRESTON, C.D., PEARMAN, D.A. & DINES, T.D. 2002. New Atlas of the British & Irish Flora. Oxford University Press.

Map Data Source

Vascular Plant Database, Botanical Society of the British Isles, via the

	Biological Records Centre.		
2.3 Range of species in the biogeographic region or marine region			
2.3.1 Surface range of the species (sq km)	10195		
2.3.2 Date of range determination	1987-1999		
2.3.3 Quality of data concerning range	Good		
2.3.4 Range trend	Unknown (X)		
2.3.5 Range trend magnitude (%)	Not applicable		
2.3.6 Range trend period	1994-2006		
2.3.7 Reasons for reported trend	1 - Improved knowledge/more accurate data; 3 - Direct human influence; 4 - Indirect anthropo or zoogenic influence; 5 - Natural processes;		
2.4 Population			
2.4.1 Population size estimation	Minimum	50	Maximum
	Units	Localities	
2.4.2 Date of population estimation	1987-1999		
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	Decreasing (-)		
2.4.6 Population trend magnitude (%)	Unknown		
2.4.7 Population trend period	1980-1999		
2.4.8 Reasons for reported trend	1 - Improved knowledge/more accurate data; 3 - Direct human influence; 4 - Indirect anthropo or zoogenic influence; 5 - Natural processes;		
2.4.9 Justification of % thresholds for trends (optional)	Not applicable		
2.4.10 Main pressures	621 - nautical sports; 701 - water pollution;		
2.4.11 Threats	621 - nautical sports; 701 - water pollution;		
2.5 Habitat for the species in the biogeographic region or marine region			
2.5 Habitats for the species	Floating water-plantain occurs in a range of freshwater situations, including nutrient-poor lakes in the uplands and slowly-flowing lowland rivers, pools, ditches and canals that are moderately nutrient-rich. It thrives best in open situations with a moderate degree of disturbance, where the growth of emergent vegetation is held in check.		
2.5.2 Area estimation (sq km)	Unknown		
2.5.3 Date of estimation	05/2007		
2.5.4 Quality of data	Poor		
2.5.5 Trend of the habitat	Decreasing (-)		
2.5.6 Trend period	1980-2006		
2.5.7 Reasons for reported trend	3 - Direct human influence; 4 - Indirect anthropo or zoogenic influence;		
2.6 Future prospects			

2.6 Future prospects for the species	Poor prospects_Species likely to struggle unless conditions change
2.7 Complementary information	
2.7.1 Favourable reference range (sq km)	10195
2.7.2 Favourable reference population	50
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	(XX) - Unknown
(2.4) Population	(U1) - Inadequate
(2.5) Habitat for the species	(U1) - Inadequate
(2.6) Future prospects	(U1+) - Inadequate but improving
Overall assessment	(U1+) - Inadequate but improving