

**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:**

S1390 - *Marsupella profunda* - Western rustwort

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: *Marsupella profunda*

1. National level	
Species Code	S1390
Member State	United Kingdom
Biogeographic regions concerned within the Member state	ATL
1.1 Range map	 A line-art map of the United Kingdom, including Great Britain and Ireland. A small, dark grey shaded area is located in the southwest of England, representing the range of the species <i>Marsupella profunda</i> . The rest of the map is unshaded.

1.2 Distribution map



2. Biogeographic level

2.1 Biogeographic region

ATL

2.2 Published sources and/or websites

CHURCH, J. M., HODGETTS, N. G., PRESTON, C. D. & STEWART, N. F. 2004. British Red Data Books: mosses and liverworts. Joint Nature Conservation Committee

HOLYOAK, D. 1999. Reports on status & conservation in Cornwall. Report to English Nature.

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Map Data Source

Threatened Bryophyte Database, British Bryological Society (via the National Biodiversity Network (NBN) Gateway).

2.3 Range of species in the biogeographic region or marine region				
2.3.1 Surface range of the species (sq km)	1308			
2.3.2 Date of range determination	1999-2006			
2.3.3 Quality of data concerning range	Good			
2.3.4 Range trend	Stable (=)			
2.3.5 Range trend magnitude (%)	Not applicable			
2.3.6 Range trend period	1999-2006			
2.3.7 Reasons for reported trend	Not applicable			
2.4 Population				
2.4.1 Population size estimation	Minimum	7	Maximum	7
	Units	Other Sites		
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	Moderate			
2.4.5 Population trend	Stable (=)			
2.4.6 Population trend magnitude (%)	Not applicable			
2.4.7 Population trend period	2001-2006			
2.4.8 Reasons for reported trend	Not applicable			
2.4.9 Justification of % thresholds for trends (optional)	Not applicable			
2.4.10 Main pressures	390 - Mining and extraction activities not referred to above; 950 - Biocenotic evolution;			
2.4.11 Threats	390 - Mining and extraction activities not referred to above;			
2.5 Habitat for the species in the biogeographic region or marine region				
2.5 Habitats for the species	This liverwort colonises moist, crumbling mica-rich weathered granite and china clay waste. It is a pioneer species, and is probably fairly mobile within its very restricted habitat: new plants growing rapidly from spores as older plants are eventually out-competed by surrounding vascular plant vegetation. It will not tolerate heavy shade.			
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	1994-2006			
2.5.7 Reasons for reported trend	3 - Direct human influence; 5 - Natural processes;			
2.6 Future prospects				
2.6 Future prospects for the species	Bad prospects_Species likely to become extinct in the biogeographical region			

2.7 Complementary information	
2.7.1 Favourable reference range (sq km)	1308
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	(FV) - Favourable
(2.4) Population	(U2) - Bad
(2.5) Habitat for the species	(U2-) - Bad and deteriorating
(2.6) Future prospects	(U2) - Bad
Overall assessment	(U2-) - Bad and deteriorating