

**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:
S1409 - *Sphagnum sp.* - Bog-mosses**

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: *Sphagnum sp.*

1. National level				
Species Code	S1409			
Member State	United Kingdom			
Biogeographic regions concerned within the Member state	ATL			
1.1 Range map	No map available for this feature			
1.2 Distribution map	No map available for this feature			
2. Biogeographic level				
2.1 Biogeographic region	ATL			
2.2 Published sources and/or websites	<p>HILL, M. O., PRESTON, C. D. & SMITH A. J. E. 1992. Atlas of the Bryophytes of Britain and Ireland; Volume 2, Mosses (Except Diplolepideae). Harley Books</p> <p>WILLIAMS, J.M. (ed.) 2006. Common Standards Monitoring For Designated Sites: First Six Year Report 2006. Joint Nature Conservation Committee</p> <p>Map Data Source</p> <p>Bryophyte data for Great Britain and Ireland, British Bryological Society (via the NBN Gateway)</p>			
2.3 Range of species in the biogeographic region or marine region				
2.3.1 Surface range of the species (sq km)	Unknown			
2.3.2 Date of range determination	05/2007			
2.3.3 Quality of data concerning range	Poor			
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	Not applicable			
2.4 Population				
2.4.1 Population size estimation	Minimum	Unknown	Maximum	Unknown
	Units	Not applicable		

2.4.2 Date of population estimation	05/2007
2.4.3 Method used for population estimation	1 - Based on expert opinion
2.4.4 Quality of population data	Poor
2.4.5 Population trend	Unknown (X)
2.4.6 Population trend magnitude (%)	Not applicable
2.4.7 Population trend period	1994-2006
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	310 - Peat extraction; 312 - mechanical removal of peat; 400 - Urbanised areas, human habitation; 803 - infilling of ditches, dykes, ponds, pools, marshes or pits; 810 - Drainage; 853 - management of water levels;
2.4.11 Threats	310 - Peat extraction; 312 - mechanical removal of peat; 400 - Urbanised areas, human habitation; 803 - infilling of ditches, dykes, ponds, pools, marshes or pits; 810 - Drainage; 853 - management of water levels; 920 - Drying out; 952 - eutrophication;
2.5 Habitat for the species in the biogeographic region or marine region	
2.5 Habitats for the species	With such a large group of species, it is inevitable that there should be a fairly broad range of habitats. This list of habitats is taken from Hill et al. (1992, the habitat information remains valid despite changing taxonomy within the group): ombrotrophic bogs, raised bogs, blanket bogs, minerotrophic mires, slightly basic flush-bogs, open bogs, boggy moorland, wet woods, boggy grassland, ditches, flushed peaty banks, marshes, streambanks, well-illuminated bogs, swampy mineral-rich ground, carr, rushy stream-banks, beside ponds, permanently wet ground, boggy woodland, moist broad-leaved woodland, damp conifer plantations, flushed grassy and heather banks, woods, block-strewn mountain-sides, heathery slopes, wet heath, flushes on mountains, valley bogs, moist rock-ledges, dripping rocks, oligotrophic springs, bog-pools, lakes.
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;
2.6 Future prospects	
2.6 Future prospects for the species	Good prospects_Species expected to survive and prosper
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	(XX) - Unknown
(2.4) Population	(XX) - Unknown
(2.5) Habitat for the species	(U1) - Inadequate
(2.6) Future prospects	(FV) - Favourable
Overall assessment	(U1) - Inadequate