

**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:**

S1400 - *Leucobryum glaucum* - Large white-moss

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: *Leucobryum glaucum*

1. National level	
Species Code	S1400
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>Leucobryum glaucum</i> . The distribution is indicated by grey shaded areas. The species is present in the Shetland Islands, Orkney Islands, and parts of the Scottish Highlands. In the English lowlands, it is found in the Pennines, the Yorkshire Dales, and the Cotswolds. It is also present in the Welsh mountains and the Brecon Beacons. The distribution is generally more extensive in the Scottish Highlands and the Welsh mountains compared to the English lowlands.

1.2 Distribution map



2. Biogeographic level

2.1 Biogeographic region

ATL

2.2 Published sources and/or websites

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

WILLIAMS, J.M. (ed.) 2006. Common Standards Monitoring For Designated Sites: First Six Year Report 2006. Joint Nature Conservation Committee

Map Data Source

Bryophyte data for Great Britain and Ireland, 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)	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	140 - Grazing; 180 - Burning; 810 - Drainage; 952 - eutrophication;			
2.4.11 Threats	140 - Grazing; 141 - Abandonment of pastoral systems; 180 - Burning; 810 - Drainage; 952 - eutrophication;			
2.5 Habitat for the species in the biogeographic region or marine region				
2.5 Habitats for the species	Hill et al. (1992) states: "The main habitats include acidic woodland, damp and wet heathland, moorland, and various types of mire from lowland valley bogs and fens to upland blanket bog. Although patchy in its occurrence, it may be locally plentiful and an important structural component of the ground vegetation, forming massive hummocks which become colonized by other bryophytes and vascular plants. It does not grow directly on base-rich outcrops, but is very occasionally found in grass-heath on acid soil overlying limestone."			
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; 4 - Indirect anthropo or zoogenic 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