

**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:**

**S1393 - *Hamatocaulis (Drepanocladus) vernicosus*  
- Slender green feather-moss**

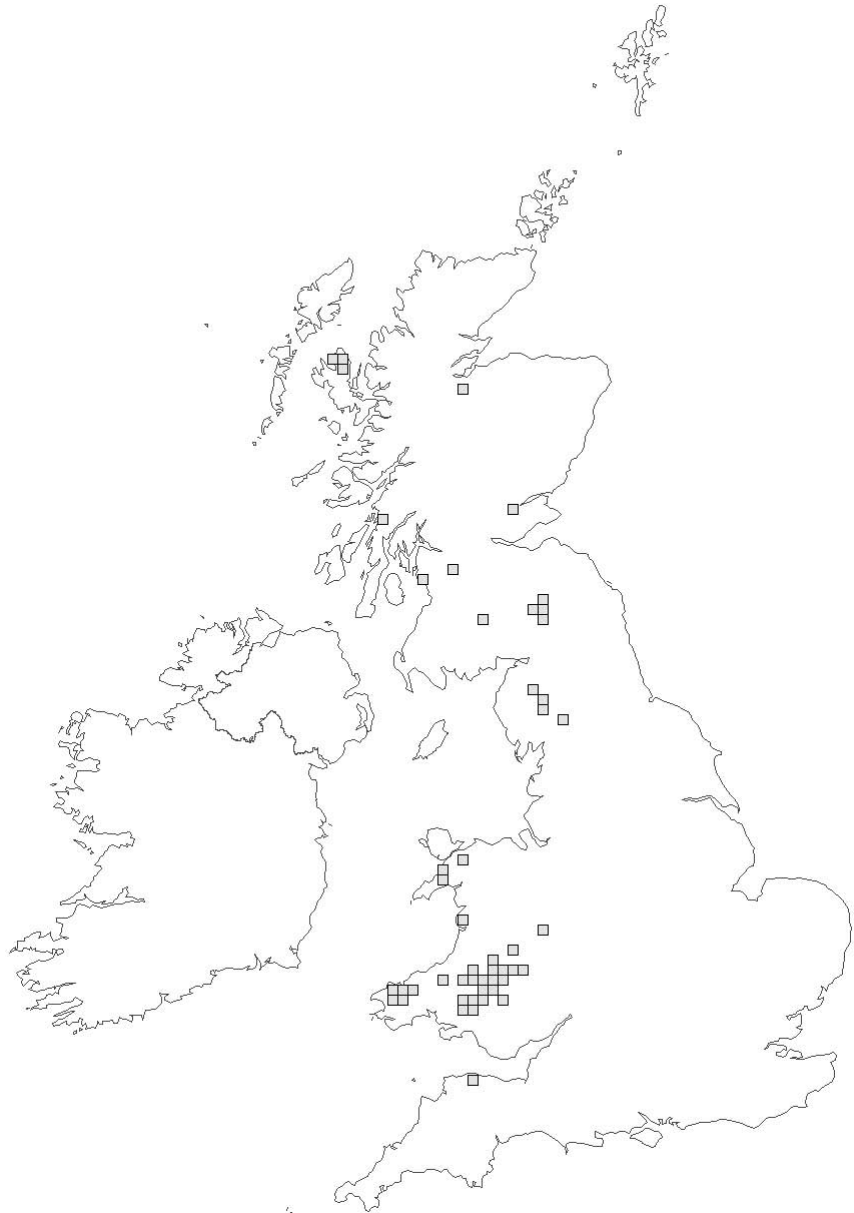
The information in this assessment corresponds to the "species fact sheet" submitted by the UK to the European Union in February 2008 (second and final submission). Please note that this is a section of the UK's report. For the complete report visit <http://www.jncc.gov.uk/article17>

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**Species Name: *Hamatocaulis (Drepanocladus) vernicosus***

<b>1. National level</b>	
Species Code	S1393
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

BOSANQUET, S.D.S., HALE, A.D., MOTLEY, G.S. AND WOODS, R.G. 2006. Recent work on *Hamatocaulis vernicosus* in mid and south Wales. *Field Bryology*, 90:228.

CHURCH, J.M., HODGETTS, N.G., PRESTON, C.D. & STEWART, N.F. 2001. British Red Data Books mosses and liverworts. Joint Nature Conservation Committee.

Map Data Source

Threatened Bryophyte Database, British Bryological Society (via the NBN Gateway)

### 2.3 Range of species in the biogeographic region or marine region

2.3.1 Surface range of the species (sq km)	8729		
2.3.2 Date of range determination	1990-2006		
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	1989-2006		
2.3.7 Reasons for reported trend	Not applicable		
<b>2.4 Population</b>			
2.4.1 Population size estimation	Minimum	49	Maximum
	Units	Other Occupied 10-km squares	
2.4.2 Date of population estimation	1990-2006		
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	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	120 - Fertilisation; 141 - Abandonment of pastoral systems; 162 - Artificial planting; 701 - water pollution; 730 - Military manouvres; 810 - Drainage; 952 - eutrophication; 953 - acidification;		
2.4.11 Threats	120 - Fertilisation; 141 - Abandonment of pastoral systems; 162 - Artificial planting; 701 - water pollution; 730 - Military manouvres; 810 - Drainage; 952 - eutrophication; 953 - acidification;		
<b>2.5 Habitat for the species in the biogeographic region or marine region</b>			
2.5 Habitats for the species	A plant of neutral flushes and fens, often with <i>Calliergonella cuspidata</i> , <i>Sphagnum contortum</i> and <i>Warnstorfia exannulata</i> . It particularly likes domed springheads, where alkaline water breaks through an acid peatland, or areas where alkaline flushes spread on to acid flushed ground. Although more frequent in the uplands, it does not reach very high altitudes, generally below 450 m		
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	Stable (=)		
2.5.6 Trend period	1994-2006		

2.5.7 Reasons for reported trend	3 - Direct human influence; 4 - Indirect anthropo or zoogenic influence;
<b>2.6 Future prospects</b>	
2.6 Future prospects for the species	Good prospects_Species expected to survive and prosper
<b>2.7 Complementary information</b>	
2.7.1 Favourable reference range (sq km)	8729
2.7.2 Favourable reference population	49
2.7.3 Suitable Habitat for the species	Unknown
2.7.4 Other relevant information	
<b>2.8 Conclusions</b> <i>(assessment of conservation status at end of reporting period)</i>	
(2.3) Range	(FV) - Favourable
(2.4) Population	(FV) - Favourable
(2.5) Habitat for the species	(FV) - Favourable
(2.6) Future prospects	(FV) - Favourable
Overall assessment	(FV) - Favourable