

**European Community Directive
on the Conservation of Natural Habitats
and of Wild Fauna and Flora
(92/43/EEC)**

Supporting documentation for the
Third Report by the United Kingdom under
Article 17

on the implementation of the Directive
from January 2007 to December 2012
Conservation status assessment for

Species:

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

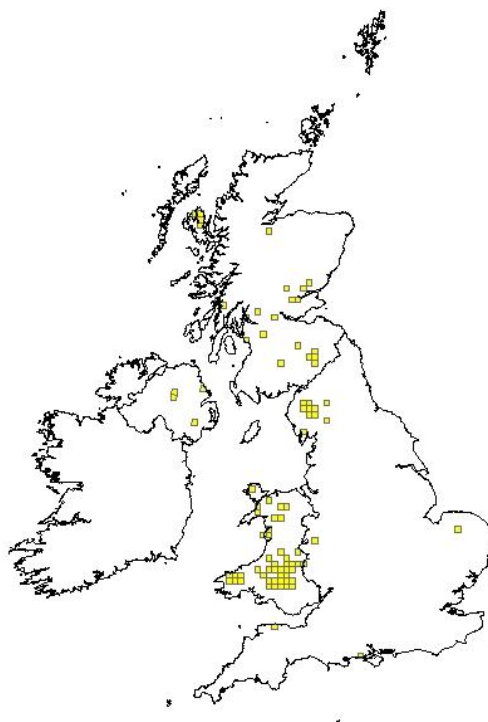
IMPORTANT NOTE – PLEASE READ

- The country-level reporting information contained in this document is a contribution to the Article 17 UK report for the habitat/species concerned.
- It has been provided by **Natural England** and refers only to the state of the habitat/species in **England** - it does not constitute an assessment for the whole of the UK.
- The Article 17 UK Approach document provides details on how this information has been used and, combined with information supplied by other Statutory Nature Conservation Bodies
- The format of the document is closely aligned to that set out by the European Commission for Member State reporting – as a result, some of the fields are not applicable at a country-level and have deliberately been left blank – in addition, the content of most fields is constrained by the EC reporting categories.

**Reporting format on the 'main results of the surveillance under Article 11'
for Annex II, IV & V species**

<i>Field name</i>	<i>Brief explanations</i>	
0.2 Species	0.2.1 Species code	S1393
	0.2.2 Species scientific name	<i>Hamatocaulis (Drepanocladus) vernicosus</i>
	0.2.3 Alternative species scientific name Optional	Hamatocaulis vernicosus
	0.2.4 Common name Optional	Varnished Hook-moss

1.1 Maps			
1.1.1 Distribution map		Sensitive	False



1.1.2 Method used - map	Complete survey/Complete survey or a statistically robust estimate
1.1.3 Year or period	2000-2012
1.1.4 Additional distribution map	False

1.1.5 Range map	

2.1 Biogeographical region & marine regions	ATL
2.2 Published sources	"Data provided by the British Bryological Society and accessed via the NBN Gateway."

2.3 Range	
2.3.1 Surface area Range	0
2.3.2 Method used Surface area of Range	Absent data
2.3.3 Short-term trend Period	2001-2012
2.3.4 Short term trend Trend direction	stable
2.3.5 Short-term trend Magnitude	a) Minimum
	b) Maximum
2.3.6 Long-term trend Period	1989-2012
2.3.7 Long-term trend Trend direction	stable
2.3.8 Long-term trend Magnitude Optional	a) Minimum
	b) Maximum
2.3.9 Favourable reference	a) Value in km ²

range		
	b) Operator for FRR	
	c) FRR is unknown (indicated by "true")	True
	d) Method used to set FRR	
2.3.10 Reason for change Is the difference between the reported value in 2.3.1 and the previous reporting round mainly due to...	a) Genuine change?	False
	b) Improved knowledge/more accurate data?	False
	c) Use of different method (e.g. "Range tool")?	False

2.4 Population		
2.4.1 Population size estimation (using individuals or agreed exceptions where possible)	a) Unit	
	b) Minimum	
	c) Maximum	
2.4.2 Population size estimation (using population unit other than individuals) Optional (<i>if 2.4.1 filled in</i>)	a) Unit	number of map 10x10 km grid cells
	b) Minimum	13
	c) Maximum	13
2.4.3 Additional	a) Definition of	

information on population estimates / conversion Optional	"locality"	
	b) Method to convert data	
	c) Problems encountered to provide population size estimation	
2.4.4 Year or period	1989-2012	
2.4.5 Method used Population size	Complete survey/ Complete survey or a statistically robust estimate	
2.4.6 Short-term trend Period	2001-2012	
2.4.7 Short-term trend Trend direction	stable	
2.4.8 Short-term trend Magnitude	a) Minimum	
	b) Maximum	
	c) Confidence interval	
2.4.9 Short-term trend Method used	Complete survey/ Complete survey or a statistically robust estimate	
2.4.10 Long-term trend – Period	1989-2012	
2.4.11 Long-term trend Trend direction	stable	
2.4.12 Long-term trend Magnitude	a) Minimum	

Optional		
	b) Maximum	
	c) Confidence interval	
2.4.13 Long term trend Method used	3	
2.4.14 Favourable reference population	a) Number of individuals/agreed exceptions/other units	10
	b) Operator	approximately equal to
	c) FRP is unknown indicated by "true"	False
	d) Method used to set FRP	Number of occupied 10k squares 1990 to 2012
2.4.15 Reason for change Is the difference between the value reported at 2.4.1 or 2.4.2 and the previous reporting round mainly due to:	a) Genuine change?	False
	b) Improved knowledge/more accurate data?	False
	c) Use of different method (e.g. "Range tool")?	False

2.5 Habitat for the species

2.5.1 Area estimation	0	
2.5.2 Year or period	1989-2012	
2.5.3 Method used	Absent data	
Habitat for the species		
2.5.4 Quality of the habitat	a) Habitat quality	Moderate
	b) Assessment method	Assumed due to there being little evidence of species decline.
2.5.5 Short-term trend Period	2001-2012	
2.5.6 Short-term trend Trend direction	stable	
2.5.7 Long-term trend Period	1989-2012	
2.5.8 Long-term trend Trend direction	stable	
2.5.9 Area of suitable habitat for the species	a) Value in km²	0
	b) Absence of data indicated as '0'	
2.5.10 Reason for change Is the difference between the value reported at 2.5.1 and the previous reporting round mainly due to	a) Genuine change?	False
	b) Improved knowledge/more accurate data?	False
	c) Use of different method (e.g. "Range tool")?	False

2.6 Main pressures		
a) Pressure	b) Ranking	c) Pollution qualifier
	H = high importance M = medium importance	

	L = low importance	
A08: Fertilisation	H	
B01: forest planting on open ground	H	
H01: Pollution to surface waters (limnic & terrestrial, marine & brackish)	H	
J02: human induced changes in hydraulic conditions	H	
A11: Agriculture activities not referred to above	M	

Abandonment of grazing.
Drainage, eutrophication and acidification.

2.6.1 Method used – Pressures **mainly based on expert judgement and other data**

2.7 Threats		
a) Threat	b) Ranking	c) Pollution qualifier
	H = high importance M = medium importance L = low importance	
A08: Fertilisation	H	
B01: forest planting on open ground	H	
H01: Pollution to surface waters (limnic & terrestrial, marine & brackish)	H	
J02: human induced changes in hydraulic conditions	H	
A11: Agriculture activities not referred to above	M	

Pollution, eutrophication and acidification.
Drainage.

2.7.1 Method used – Threats **expert opinion**

2.8 Complementary information

2.8.1 Justification of % thresholds for trends

2.8.2 Other relevant information	
2.8.3 Trans-boundary assessment	

2.9 Conclusions (*assessment of conservation status at end of reporting period*)

Please refer to the United Kingdom assessment for this species.

3 Natura 2000 coverage & conservation measures - Annex II species (*only applies to species listed under Annex II of the Directive*)

3.1 Population		
3.1.1 Population size Estimation of population size included in the SAC network	a) Unit	number of map 10x10 km grid cells
	b) Minimum	10
	c) Maximum	13
3.1.2 Method used	Complete survey/Complete survey or a statistically robust estimate	
3.1.3 Trend of population size within the network (short-term trend)	stable	

3.2 Conservation measures

Conservation measures taken (i.e. already being implemented) within the reporting period and provided information about their importance, location and evaluation.

3.2.1 Measure	3.2.2 Type					3.2.3 Ranking H = high importance M = medium importance L = low importance	3.2.4 Location where the measure is PRIMARILY applied			3.2.5 Broad evaluation of the measure					
	a) Legal/statutory	b) Administrative	c) Contractual	d) Recurrent	e) One-off		a) Inside	b) Outside	c) Both inside & outside	a) Maintain	b) Enhance	c) Long term	d) No effect	e) Unknown	f) Not evaluated
1.1: No measures needed for the conservation of the habitat/species															

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