



UK priority species pages – Version 2

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SPECIES PAGES FOR 2007 UK BAP PRIORITY SPECIES

(see endnotes for an explanation of the various components of this compilation).

Tortula cernua (Huebener) Lindb.

Flamingo-moss

1 General information

Level 1	Non-vascular plants
Level 2	bryophyte
On 1997 UK BAP list	Species Action Plan

2 UK BAP criteriaⁱ

1. International threat	2. International responsibility (2a) + moderate decline in UK (2b)	3. Marked decline in the UK	4. Other important factor(s)
True	False	False	True

3 Evidence for Criteriaⁱⁱ

Criterion 1	Red listing based on 2001 IUCN guidelines: RedList_GB_post2001:EN
Criterion 2a	
Criterion 2b	
Criterion 3	
Criterion 4	Very restricted range, Fluctuating populations, EN in GB

4 Distribution by Country

England	Scotland	Wales	Northern Ireland	International Waters
Y	Y	N	N	

5 Distribution Information

Distribution data source	Threatened Bryophyte Database
Distribution data notes	Possibly an archaeophyte, but usually regarded as native.
number of sites (where less than or equal to 10)	6
Units used for number of sites	Site(s) / population(s)

6 Actions identified by expertsⁱⁱⁱ

8 Additional information from specialists^{iv}

Attribute	Value
NBN current scientific name	Tortula cernua
NBN common name	Flamingo-moss
classification level 1	Non-vascular plants
classification level 2	bryophyte
Proportion left	1
decline	0
over observed years	0
decline over 25 years	0
Global or European IUCN category if known	EN
Crit1 satisfied Yes/No/ Unknown	yes
Confidence in assesment crit 1	medium
Crit2 satisfied Yes/No/ Unknown	no
Crit3 satisfied Yes/No/ Unknown	unknown
Factor	Very restricted range, Fluctuating populations, EN in GB
Crit4 satisfied (Yes/ No/ Unknown)	yes
Confidence in assesment crit 4	high
1st source	Hodgetts (2005)
2nd source	ECCB (1995)

10 Species designations^v

Abbreviation	Reporting Category	Designation	Designation description	Year	Source	Comment
England NERC S.41	Biodiversity Lists - England	England NERC S.41	Species “of principal importance for the purpose of conserving biodiversity” covered under section 41 (England) of the NERC Act (2006) and therefore need to be taken into consideration by a public body when performing any of its functions with a view to conserving biodiversity.	2008	Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (section 41) and Wales (section 42)	Geographic constraint=Listing is for England only
BAP:2007	Biodiversity Action Plan UK list of priority species	Priority Species	The UK List of Priority Species and Habitats contains 1150 species and 65 habitats that have been listed as priorities for conservation action under the UK Biodiversity Action Plan (UK BAP).	2007	UK list of Priority Habitats and Species	status on former BAP list: Species Action Plan
RedList_GB_post2001:EN	Red listing based on 2001 IUCN guidelines	Endangered	A taxon is Endangered when it is not Critically endangered but is facing a very high risk of extinction in the wild in the near future.	2007	Bryophyte Red List (British Bryological Society, 2005) + Preston, C.D. (2006). A revised list of nationally scarce bryophytes.	

					Field Bryology 90: 22-30.	
Status:NR	Rare and scarce species (not based on IUCN criteria)	Nationally rare	Occurring in 15 or fewer hectads in Great Britain. Excludes rare species qualifying under the main IUCN criteria.	2007	Bryophyte Red List (British Bryological Society, 2005) + Preston, C.D. (2006). A revised list of nationally scarce bryophytes. Field Bryology 90: 22-30.	
Status:NR	Rare and scarce species (not based on IUCN criteria)	Nationally rare	Occurring in 15 or fewer hectads in Great Britain. Excludes rare species qualifying under the main IUCN criteria.	2010	A revised list of nationally rare bryophytes, 2010	
WACA:Sch8	Wildlife and Countryside Act 1981	Schedule 8	Plants which are protected from: intentional picking, uprooting or destruction (Section 13 1a); selling, offering for sale, possessing or transporting for the purpose of sale (live or dead, part or derivative) (Section 13 2a); advertising (any of these) for buying or selling (Section 13 2b).	1998	Wildlife and Countryside Act Schedules 1,5 and 8 (protected birds, animals and plants)	

UK BAP 2008 reporting^{vi}

(nb this only applies to species on the original 1997 UK BAP priority species list)

11 General status

Country	Attribute	Value
UK		
	Date	2008
	Status unknown	No
	Value	6
	Units	Site(s) / population(s)
	Accuracy	Sample or full survey
	Adequate data	Yes
	Data on NBN	Yes
	Refer to LBAP data	No
	Data source / comments	Online species dossier (author Nick Hodgetts) www.plantlife.org.uk BBS dataset
	Edits made by reporting group	
England		
	Date	2008
	Status unknown	No
	Value	6
	Units	Site(s) / population(s)
	Accuracy	Sample or full survey
	Adequate data	Yes
	Refer to LBAP data	No
	Data source /	Recent records for Tortula cernua are restricted to a small number of post-industrial sites in the

	comments	Worksop and Doncaster areas.
	Edits made by reporting group	

7 Trends

Country	Attribute	Value
England		
	Date	2008
	Status unknown	No
	Trend	Stable
	Accuracy	Sample or full survey
	Adequate data	Yes
	Refer to LBAP data	No
	Data source / comments	Derbyshire: the population, at its single site, has shifted significantly over the six years of monitoring, but has not spread to elsewhere in the site, as far as is known. Yorkshire: three sites at Levitt Hagg constitute the most important area for the moss, with the trackside site regularly producing large numbers of plants, both fertile and sterile, the tunnel site performing irregularly over the years, and the recently discovered cliff site with millions of plants, though production of sporophytes changes from year to year. The two sites at Conisbrough support fewer plants.
	Edits made by reporting group	
UK		
	Date	2008
	Status unknown	No
	Trend	Stable
	Accuracy	Sample or full survey
	Adequate data	Yes
	Refer to LBAP data	No
	Data source /	The ecology of Tortula cernua is such that it moves around to some extent within a site according to

	comments	conditions
	Edits made by reporting group	

8 Successes

Success text	Success category 1	Success category 2	England	NI	Scotland	Wales	Edits by reporting group
Material successfully incorporated into ex situ collection at RBG Kew	Research, survey and information	Ex-situ / reintroduction techniques - studies completed or underway	Yes	No	No	No	
Regular monitoring programme established	Research, survey and information	Monitoring surveys underway	Yes	No	No	No	
Research undertaken into species ecology and requirements	Research, survey and information	Autecology - improved knowledge	Yes	No	No	No	
Funding awarded (by Lafarge Aggregates) for 3 year research project into ecology of species	Funding and incentives	Other	Yes	No	No	No	

Species dossier available online at www.plantlife.org.uk	Communication	Advice to land managers / owners	Yes	No	No	No	
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9 Threats

Threat category 1	Threat category 2	England	NI	Scotland	Wales	Edits made by reporting group
Habitat loss / degradation - infrastructure development	Infilling (e.g. of lakes / ponds / quarries)	Yes	No	No	No	
Habitat loss / degradation - succession	Natural succession	Yes	No	No	No	

15 Constraints

Rank	Constraint category 1	Constraint category 2	Constraint summary	England	NI	Scotland	Wales	Solution category	Solution summary

No data entered				No	No	No	No	No data entered	
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10 State of Knowledge

State of knowledge category	Notes	Edits made by reporting group
Knowledge sufficient to effectively deliver the plan targets	A 3 year research programme into the ecology of flamingo moss, funded by Lafarge aggregates, provided valuable data on the habitat requirements, reproductive ecology and potential for site restoration.	

ENDNOTES

ⁱ An explanation of these criteria is included at Annex 3 of [UK Biodiversity Action Plan: Report on the Species and Habitat Review](#). BRIG (ed. Ant Maddock) 2007. This review was organised in two stages. Stage 1 looked at the scientific evidence for selecting the UK List of Priority Species and Habitats while stage 2 considered the conservation action needed for these species and habitats and provided signposts to the means of implementing action.

ⁱⁱ The information on evidence and the species distribution is as presented on the UK BAP website. Users can download a spreadsheet of the [Stage 1 species evidence](#) from the home page of the UK BAP website.

ⁱⁱⁱ Actions were assigned to each and every priority species by expert groups convened at Stage 2 of the Review process. These were subsequently categorised into “signpost categories”. This information is as shown on the UK BAP website See the link for [categorisation \(signposting\) of UK priority species](#).

^{iv} This information has been derived from Stage 1 of the priority species review, and is presented in the “marine”, “terrestrial invertebrates” and “other terrestrial species” sheets within the spreadsheet of the [Stage 1 species evidence](#). The information presented here varies according to the taxonomic group. Please note that some of these data have been written for other Expert Group members and may not be of great value to a wider audience.

^v Information on conservation designations has been extracted from JNCC’s collation of information on [species designations](#). The designations shown in version 2 of these pages are as at December 2010.

^{vi} As part of the 2008 UK BAP reporting round lead partners of national plans were asked to answer a number of specific questions. The data will be analysed and used for the UK and country level reports. All of the responses provided through BARS as part of the 2008 reporting exercise are available to [download](#). Note that in the December 2010 version of these pages (version 2) includes corrections to previously truncated text fields.