



## **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).

**Ditrichum cornubicum Paton****Cornish Path-moss****1 General information**

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

**2 UK BAP criteria<sup>i</sup>**

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 Criteria<sup>ii</sup>**

Criterion 1	Red listing based on 2001 IUCN guidelines: RedList_GB_post2001:EN
Criterion 2a	
Criterion 2b	
Criterion 3	
Criterion 4	Endemic, Very restricted range, Fluctuating populations, Existing BAP still requiring action

**4 Distribution by Country**

England	Scotland	Wales	Northern Ireland	International Waters
Y	N	N	N	

**5 Distribution Information**

Distribution data source	BAP 2005 reporting
Distribution data notes	Regarded as British endemic until discovered in Co Cork (Eire) at single site in 2006
number of sites (where less than or equal to 10)	2
Units used for number of sites	Population index

**6 Actions identified by experts<sup>iii</sup>**

Action number	Action text	Reporting category
1	Monitor populations annually at the two sites (Crow`s Nest SSSI, Phoenix United Mine SSSI, both in East Cornwall) in order to inform habitat management	Species-specific monitoring/survey
2	Ensure appropriate habitat management of small areas occupied by species at its two SSSI sites (prevent eutrophication from sheep dung; ensure new patches of open habitat become available by scraping surfaces if necessary)	Species-specific management action
3	Continue to maintain ex-situ cultures as "insurance" in case wild populations are lost.	Species-specific management action
4	Carry out molecular study to check whether all populations represent a single clone (including Irish population)	Species-specific research

**8 Additional information from specialists<sup>iv</sup>**

Attribute	Value
NBN current scientific name	<i>Ditrichum cornubicum</i>
NBN common name	Cornish Path-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	high
pcnt of European population in UK	100
pcnt of Global /biogeographical popin UK	100
international proportion in UK >=25%	yes
Crit2 satisfied Yes/No/ Unknown	no
Crit3 satisfied Yes/No/ Unknown	unknown
Factor	Endemic, Very restricted range, Fluctuating populations, Existing BAP still requiring action
Crit4 satisfied (Yes/ No/ Unknown)	yes
Confidence in assesment crit 4	high
1st source	Hodgetts (2005)
2nd source	IUCN (2004)
3rd source	ECCB

Other sources	Church et al. (2001)
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## 10 Species designations<sup>v</sup>

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.	
RedList_Global_post94:EN	Global Red list status	Endangered	Taxa in danger of extinction and whose survival is unlikely if the causal factors continue operating. Superseded by new IUCN categories in 1994, but still applicable to lists that have not been reviewed since 1994.	2007	The IUCN Red List of Threatened Species (2007)	
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	1992	Wildlife and Countryside Act Schedules 1,5 and 8 (protected	

			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).		birds, animals and plants)	
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## UK BAP 2008 reporting<sup>vi</sup>

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

### 11 General status

Country	Attribute	Value
England		
	Date	2008
	Status unknown	No
	Value	2
	Units	Population index
	Accuracy	Sample or full survey
	Adequate data	Yes
	Data on NBN	Some
	Refer to LBAP data	No
	Data source / comments	Detailed survey at both sites (SSSIs in E. Cornwall) in March 2008
	Edits made by reporting group	
UK		
	Date	2008
	Status unknown	No
	Value	2
	Units	Population index
	Accuracy	Sample or full survey
	Adequate data	Yes
	Data on NBN	Some
	Refer to LBAP data	No

	Edits made by reporting group	
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## 7 Trends

Country	Attribute	Value
England		
	Date	2008
	Status unknown	No
	Trend	Fluctuating - probably stable
	Accuracy	Sample or full survey
	Adequate data	Yes
	Data on NBN	Some
	Refer to LBAP data	No
	Edits made by reporting group	
UK		
	Date	2008
	Status unknown	No
	Trend	Fluctuating - probably stable
	Accuracy	Sample or full survey
	Adequate data	Yes
	Data on NBN	Some
	Refer to LBAP data	No
	Edits made by reporting group	

### 8 Successes

Success text	Success category 1	Success category 2	England	NI	Scotland	Wales	Edits by reporting group
No successes reported			No	No	No	No	No success reported

### 9 Threats

Threat category 1	Threat category 2	England	NI	Scotland	Wales	Edits made by reporting group
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
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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 make some impact, but more research needed	Research still needed on tuber longevity & potentially clonal nature of populations	

### ENDNOTES

<sup>i</sup> 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.

<sup>ii</sup> 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.

<sup>iii</sup> 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](#).

<sup>iv</sup> 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.

<sup>v</sup> 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.

<sup>vi</sup> 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.