



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 plumbicola* Crundw.**

Lead-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)
False	False	False	True

3 Evidence for Criteriaⁱⁱ

Criterion 1	
Criterion 2a	
Criterion 2b	
Criterion 3	
Criterion 4	NT in Europe, Existing BAP still requiring action

4 Distribution by Country

England	Scotland	Wales	Northern Ireland	International Waters
Y	Y	Y	N	

5 Distribution Information

Distribution data source	BAP 2005 reporting
Distribution data notes	
number of sites (where less than or equal to 10)	8
Units used for number of sites	Site(s) / population(s)

6 Actions identified by expertsⁱⁱⁱ

Action number	Action text	Reporting category
1	Maintain (and where necessary re-create) through appropriate management open toxic environments suitable for the growth of this species	Priority habitat action
2	Prevent eutrophication. Excessive dung and litter through inappropriate stocking levels and forestry on/adjacent to sites	Species-specific management action
3	Ongoing monitoring necessary to understand population dynamics and inform site management	Species-specific monitoring/survey

8 Additional information from specialists^{iv}

Attribute	Value
NBN current scientific name	<i>Ditrichum plumbicola</i>
NBN common name	Lead-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
Crit1 satisfied Yes/No/ Unknown	no
Confidence in assesment crit 1	medium
Crit2 satisfied Yes/No/ Unknown	no
Crit3 satisfied Yes/No/ Unknown	unknown
Factor	NT in Europe, Existing BAP still requiring action
Crit4 satisfied (Yes/ No/ Unknown)	yes
Confidence in assesment crit 4	medium
1st source	ECCB

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
Scottish Biodiversity List	Biodiversity Lists - Scotland	Scottish Biodiversity List	The Scottish Biodiversity List is a list of flora, fauna and habitats considered by the Scottish Ministers to be of principal importance for biodiversity conservation. The development of the list has been a collaborative effort involving a great many stakeholders overseen by scientists from the Scottish Biodiversity Forum. Completion of the list is the first time such a stocktake has been done in Scotland. The Scottish Biodiversity List	2005	Scottish Biodiversity List of species of principal importance for biodiversity conservation	Geographic constraint=Listing is for Scotland only

			is a tool for public bodies and others doing their Biodiversity Duty. The publication of the Scottish Biodiversity List satisfies the requirements of Section 2(4) of The Nature Conservation (Scotland) Act 2004.			
Wales NERC S.42	Biodiversity Lists - Wales	Wales NERC S.42	Species “of principal importance for the purpose of conserving biodiversity” covered under Section 42 (Wales) 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.	2009	Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (section 41) and Wales (section 42)	Geographic constraint=Listing is for Wales 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:NT	Red listing based on 2001 IUCN guidelines	Near Threatened	Taxa which do not qualify for Lower Risk (conservation dependent), but which are close to qualifying for Vulnerable. In Britain, this category includes	2007	Bryophyte Red List (British Bryological Society, 2005) + Preston, C.D.	

			species which occur in 15 or fewer hectads but do not qualify as Critically Endangered, Endangered or Vulnerable.		(2006). A revised list of nationally scarce bryophytes. <i>Field Bryology</i> 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. <i>Field Bryology</i> 90: 22-30.	

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
Scotland		
	Date	2008
	Status unknown	No
	Value	2
	Units	Site(s) / population(s)
	Accuracy	Best guess
	Adequate data	Yes
	Data on NBN	Yes
	Refer to LBAP data	No
	Edits made by reporting group	
England		
	Date	2008
	Status unknown	No
	Value	3
	Units	Site(s) / population(s)
	Accuracy	Best guess
	Adequate data	Yes
	Data on NBN	Yes
	Refer to LBAP data	No
	Edits made by reporting group	

Wales		
	Date	2008
	Status unknown	No
	Value	3
	Units	Site(s) / population(s)
	Accuracy	Best guess
	Adequate data	Yes
	Data on NBN	Yes
	Refer to LBAP data	No
	Edits made by reporting group	
UK		
	Date	2008
	Status unknown	No
	Value	8
	Units	Site(s) / population(s)
	Accuracy	Best guess
	Adequate data	Yes
	Data on NBN	Yes
	Refer to LBAP data	No
	Data source / comments	There is no evidence that the population of <i>Ditrichum plumbicola</i> has changed significantly since last reporting period (2005). However, no repeat national survey has been undertaken.
	Edits made by reporting group	

7 Trends

Country	Attribute	Value
Wales		
	Date	2008

	Status unknown	No
	Trend	Fluctuating - probably stable
	Accuracy	Sample or full survey
	Adequate data	No but likely by 2011
	Data on NBN	Yes
	Refer to LBAP data	No
	Data source / comments	Some sites in mid- and North Wales have strong populations of <i>Ditrichum plumbicola</i> . A full survey was attempted in 2006 (FJR - unpubl. report to CCW) which showed some losses but also new (previously overlooked?)populations in the species core areas. The species is present in small and perhaps declining quantities in the majority of its sites and may require active management.
	Edits made by reporting group	
UK		
	Date	2008
	Status unknown	No
	Trend	Fluctuating - probably declining
	Accuracy	Best guess
	Adequate data	No and not likely by 2011
	Data on NBN	Yes
	Refer to LBAP data	No
	Data source / comments	A country-wide monitoring programme is needed to establish the current population trends of <i>Ditrichum plumbicola</i> .
	Edits made by reporting group	
Scotland		
	Date	2008
	Status unknown	No
	Trend	Fluctuating - probably stable
	Accuracy	Best guess

	Adequate data	No but likely by 2011
	Data on NBN	Yes
	Refer to LBAP data	No
	Data source / comments	The populations at the 2 Scottish sites are probably stable but resurvey is needed.
	Edits made by reporting group	
England		
	Date	2008
	Status unknown	No
	Trend	Fluctuating - probably declining
	Accuracy	Partial survey
	Adequate data	No but likely by 2011
	Data on NBN	Yes
	Refer to LBAP data	No
	Data source / comments	The Cornish site is in need of re-survey. The Single population in Cornwall was not revisited in 2008, but information from early 2007 implies that some clearance of saplings needed to reduce shading. This work and population monitoring there are planned for early 2009. A partial survey has been undertaken at the Somerset site and considerable fluctuations noted over the last 5 years. More detailed monitoring is necessary to understand the dynamics and indeed importance of individual microsites for long term survival at this locality - no management is currently undertaken for it.
	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 - infrastructure development	Mineral works (after use of old sites)	Yes	No	Yes	Yes	
Habitat loss / degradation - succession	Natural succession	Yes	No	Yes	Yes	

15 Constraints

Rank	Constraint category 1	Constraint category 2	Constraint summary	England	NI	Scotland	Wales	Solution category	Solution summary
				No	No	No	No		
	No data entered			No	No	No	No	No data entered	

10 State of Knowledge

State of knowledge category	Notes	Edits made by reporting group
Knowledge sufficient to make some impact, but more research needed	Re-survey with ongoing monitoring is needed to understand population dynamics, and if conditions (of metal contaminated soils) are favourable to maintain this species.	

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.