



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).

Didymodon tomaculosus (Blockeel) M.F.V.Corley

Sausage Beard-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	DD in Europe, >25% in UK, Existing BAP still requiring action, NS in GB

4 Distribution by Country

England	Scotland	Wales	Northern Ireland	International Waters
Y	N	Y	N	

5 Distribution Information

Distribution data source	BAP 2005 reporting
Distribution data notes	Several new sites discovered during SBAL (2002-05) inc. new to Wales. Known from 11 counties (10 in England) and 19 10km sqs. Recently found in Germany on exposed mud.
number of sites (where less than or equal to 10)	
Units used for number of sites	

6 Actions identified by expertsⁱⁱⁱ

7 Signpost to Priority Habitat^{iv}

Priority Habitat Name
Arable: Arable Field Margins

8 Additional information from specialists^v

Attribute	Value
NBN current scientific name	Didymodon tomaculosus
NBN common name	Sausage Beard-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
international proportion in UK >=25%	yes
Crit2 satisfied Yes/No/ Unknown	no
Crit3 satisfied Yes/No/ Unknown	unknown
Factor	DD in Europe, >25% in UK, Existing BAP still requiring action, NS 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^{vi}

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
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
Status:NS	Rare and scarce species (not based	Nationally scarce	Occurring in 16-100 hectads in Great Britain.	2007	Bryophyte Red List (British	

	on IUCN criteria)				Bryological Society, 2005) + Preston, C.D. (2006). A revised list of nationally scarce bryophytes. Field Bryology 90: 22-30.	
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UK BAP 2008 reporting^{vii}

(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	19
	Units	Occupied 10 km squares
	Accuracy	Sample or full survey
	Adequate data	Yes
	Data on NBN	Yes
	Refer to LBAP data	No
	Data source / comments	BBS Arable bryophyte survey 2002-2005; Porley RD. 2008. Arable bryophytes: mosses, liverworts and hornworts of cultivated land. WildGuides, Basingstoke.
	Edits made by reporting group	
UK		
	Date	2008
	Status unknown	No
	Value	20
	Units	Occupied 10 km squares
	Accuracy	Sample or full survey
	Adequate data	Yes
	Data on NBN	Yes
	Refer to LBAP data	No

	Data source / comments	BBS Arable bryophyte survey 2002-2005; Porley RD. 2008. Arable bryophytes: mosses, liverworts and hornworts of cultivated land. WildGuides, Basingstoke.
	Edits made by reporting group	
Wales		
	Date	2008
	Status unknown	No
	Value	1
	Units	Occupied 10 km squares
	Accuracy	Sample or full survey
	Adequate data	Yes
	Data on NBN	Yes
	Refer to LBAP data	No
	Data source / comments	Discovered new to Wales during BBS Arable bryophyte survey 2002-2005.
	Edits made by reporting group	

8 Trends

Country	Attribute	Value
England		
	Date	2008
	Status unknown	No
	Trend	No clear trend
	Accuracy	Sample or full survey
	Adequate data	Yes
	Data on NBN	Yes
	Refer to LBAP data	No
	Data source /	This species is increasing in that more sites are still being found (although it is still rare), so this

	comments	reflects recording success rather than any biological increase
	Edits made by reporting group	
Wales		
	Date	2008
	Status unknown	No
	Trend	No clear trend
	Accuracy	Sample or full survey
	Adequate data	Yes
	Data on NBN	Yes
	Refer to LBAP data	Yes
	Data source / comments	This species is increasing in that more sites are still being found (although it is still rare), so this reflects recording success rather than any biological increase. The BBS Arable bryophyte survey covered over 800 fields in Britain & Ireland thus is reasonably comprehensive; Didymodon tomaculosus may be detected in further fields but the data suggests that it is generally a rare plant.
	Edits made by reporting group	
UK		
	Date	2008
	Status unknown	No
	Trend	No clear trend
	Accuracy	Sample or full survey
	Adequate data	Yes
	Data on NBN	Yes
	Refer to LBAP data	No
	Data source / comments	This species is increasing in that more sites are still being found (although it is still rare), so this reflects recording success rather than any biological increase. The BBS Arable bryophyte survey covered over 800 fields in Britain & Ireland thus is reasonably comprehensive; Didymodon tomaculosus may be detected in further fields but the data suggests that it is generally a rare plant.

	Edits made by reporting group	
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9 Successes

Success text	Success category 1	Success category 2	England	NI	Scotland	Wales	Edits by reporting group
More sites have been recorded since 2002 as a result of BBS Arable bryophyte survey 2002-2005.	Research, survey and information	Baseline survey - achieved or started	Yes	No	No	Yes	

10 Threats

Threat category 1	Threat category 2	England	NI	Scotland	Wales	Edits made by reporting group
Habitat loss / degradation - agriculture	Intensive crop regimes	Yes	No	No	No	

15 Constraints

Rank	Constraint category 1	Constraint category 2	Constraint summary	England	NI	Scotland	Wales	Solution category	Solution summary
				Yes	No	No	No		
3	Research, survey and information	Autecology - poor knowledge	Little is still known about the ecology of this species or its habitat requirements and without this knowledge it is not possible to determine how to increase populations or indeed whether this is feasible	Yes	No	No	No	Research	Undertake (and fund) necessary research - including experimental management

11 State of Knowledge

State of knowledge category	Notes	Edits made by reporting group
Knowledge sufficient to make some impact, but more research needed	Relatively little is still known of the species ecology and requirements although a better picture is emerging as more sites are found	

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} Where a species action is clearly linked to a BAP priority habitat, the name of the relevant habitat or habitats was identified by the stage 2 expert group.
- ^v 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.
- ^{vi} 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.
- ^{vii} 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.