

# Species and Habitat Action Plan Assessment Form

Please refer to the accompanying guidance for information about how to complete this form and an explanation of terms used

## Field 1: Action Plan details

Species/Habitat Action Plan	MOSS - <i>Didymodon mamillosus</i> ( <i>Barbula mamillosa</i> ) - Perthshire beard-moss
Lead Partner/Agency	SNH
Steering Group/Other organisations	Steering group in existence? Please state yes or no. <b>No.</b> Please list the organisations represented. <b>Would include JNCC, RBGE, RBG Kew.</b>
Work programme in existence?	Please state yes or no. If in existence, please use the agreed work programme to update Field 3 and Table B. <b>No</b>

## Field 2: Objectives and targets overview

Please list the targets for the action plan, indicating in which country/region the target is applicable, and additional comments including the rationale for new targets. For each new target please add new sequential paragraph numbers and target text. Please provide information about progress and country disaggregation in Table A for all targets.

Number and text	UK	E	NI	S	W	Comments
4.1 Maintain populations at the existing known site and any newly discovered sites.						First found and described as a new species in 1967; refound by Nick Hodgetts at same location in Kirkton Glen in 1998.
4.2 Establish by 2005 ex situ stocks of this species to safeguard extant populations.						Not started - but the pilot project between RBG Kew & SNH, EN & CCW, under which this would be attempted for some 64 species including this one, is in the process of being initiated.

## Field 3: Proposed actions overview

Please list the proposed actions for the action plan, indicating in which country/region the action is applicable. For each new action please add new sequential paragraph numbers and action text. If the action is regarded as significant (please see guidance) indicate this in the box and provide further details in Table B. For actions not regarded as significant simply state if the action is ongoing or complete. Remember any action which is being dropped from the workplan will be regarded as significant for the first round of reporting.

Number and text	UK	E	NI	S	W	Action significant?	Action complete or ongoing? (Please state yes, not started, or ongoing.)
5.2.1 Ensure that the single known site is appropriately managed for this species. (Action: SNH)							Not started

5.3.1 Depending on the results of 5.5.4, establish ex situ stocks of this species from material derived from British population. (Action: SNH, RBG Kew)							Not started
5.4.1 Advise land owners & managers, and relevant agencies, of the presence & importance of Perthshire beard-moss, specific management for its conservation, and any potentially damaging actions. Landowners & managers should have access to specialist advice if needed. (Action: SNH)							Not started
5.5.1 Undertake regular monitoring of the known population in order to gain an understanding of the threats to this species. (Action: RBGE, SNH)							Not started
5.5.2 Investigate the ecology of Perthshire beard-moss & determine management requirements. (Action: SNH)							Not started
5.5.3. Survey areas with a similar habitat in the same geographical area to locate further populations. (Action: RBGE, SNH)							Not started.
5.5.4 Undertake pilot studies to develop & refine ex situ conservation techniques for this species etc. (Action: SNH, RBG Kew)							Not started - but the pilot project between RBG Kew & SNH, EN & CCW, under which this would be attempted for some 64 species including this one, is in the process of being initiated.
5.5.5 Undertake further taxonomic study to verify status of Perthshire beard-moss as a true species. (Action: RBGE)							Not started.
5.6.1 Encourage bryologists to pass all records of Perthshire beard-moss, including ecological information, to a national database. (Action: SNH, JNCC)							Not started.
5.6.2 Liaise with specialist societies to increase awareness & identification skills of bryologists & other naturalists in relation to this species, through publishing articles or holding identification workshops. (Action: SNH, JNCC)							Not started.

#### Field 4: Assessment of status

Please tick the appropriate category to indicate the assessment of status of the species or habitat, for each country/region where appropriate, and provide a statement supporting the category selected.

	Not appropriate	Recovered	Signs of recovery	No change	Declining	Lost	Insufficient information
UK							
England							
Northern Ireland							
Scotland							
Wales							
Brief text description justifying assessment of status: (~ no more than 100 words for each country/region)							
<b>Scotland:</b> Perthshire beard-moss, first found and described as a new species in 1967, was confirmed as still present at its type locality in Kirkton Glen, Perthshire in 1998 (Hodgetts, 1998). Of crucial importance before further work is undertaken on this species is action 5.5.5 to assess whether or not this is a true species.							
Hodgetts, NG. 1998. <i>Didymodon mamillosus</i> (Crundw.) M.O.Hill relocated at its type locality in Scotland. BBS Bulletin.							

#### Field 5: Summary statement

Please provide an overview of plan implementation, including new factors affecting the species or habitat which will accelerate or constrain progress towards meeting of the targets. Where a factor results in new action(s) please cross-reference back to the relevant numbers under Field 3 and Table B.

Of crucial importance, before a Steering Group to implement this plan is set up, is further work as at action 5.5.5 to assess whether or not this is a true species..

#### Field 6: Signing off

Please 'sign off' the form below to confirm that steering group members or key contacts have been consulted and agreed the information provided.

Contact details	Lead Partner	Contact Point
Name	Stephen Ward	
Organisation	SNH	
Assessment date (dd/mm/yy)	30 September 1999	

Completed forms should be submitted to JNCC

Biodiversity Information Service  
Joint Nature Conservation Committee  
Monkstone House  
City Road  
Peterborough PE1 1JY  
Tel: 01733 562626  
Fax: 01733 555948  
E-mail: lpr99@jncc.gov.uk

Didymodon mamillosus.doc

**Table A: Action Plan objectives and targets (Copiable table)**

For each target please state how, if applicable, it has been disaggregated to the country level. Please insert the paragraph number, UK target and country-specific disaggregated target(s) into the table. Please tick the appropriate category to indicate progress against published and disaggregated targets. For each target please copy the table and detail the (existing or new [new paragraph numbers should run sequentially, under relevant headings in the published volumes]) paragraph number, target text and an assessment of progress.

<b>Objective/target</b> (For new or revised targets please provide the new paragraph number and target text.)	4.1 Maintain populations at the existing known site and any newly discovered sites.				
<b>Country</b>	<b>Not appropriate</b>	<b>Target achieved</b>	<b>Some progress</b>	<b>No progress</b>	<b>Insufficient information</b>
<i>UK</i>					
<i>England</i>					
<i>Northern Ireland</i>					
<i>Scotland</i>					
<i>Wales</i>					
Text description of target progress (separate for each country/region):					
<b>Scotland:</b> <i>Didymodon mamillosus</i> was first found and described as a new species in 1967; refound by Nick Hodgetts at same location in Kirkton Glen in 1998. Of crucial importance before further work is undertaken on this species is action 5.5.5 to assess whether or not this is a true species.					

<b>Objective/target</b> (For new or revised targets please provide the new paragraph number and target text.)	4.2 Establish by 2005 ex situ stocks of this species to safeguard extant populations.				
<b>Country</b>	<b>Not appropriate</b>	<b>Target achieved</b>	<b>Some progress</b>	<b>No progress</b>	<b>Insufficient information</b>
<i>UK</i>					
<i>England</i>					
<i>Northern Ireland</i>					
<i>Scotland</i>					
<i>Wales</i>					
Text description of target progress (separate for each country/region):					
<b>Scotland:</b> no progress, but the pilot project between RBG Kew & SNH, EN & CCW, under which this would be attempted for some 64 species including this one, is in the process of being initiated. Of crucial importance before further work is undertaken on this species is action 5.5.5 to assess whether or not this is a true species.					

**Table B: Proposed actions (Copiable table)**

For each significant action please copy and complete the table below.

<b>Published action/organisation(s) responsible</b> (For new or revised actions please provide the new paragraph number and action text.)	5.1 etc
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<b>Work plan/organisation(s) responsible</b> <i>(Summary of work plan agreed by the steering group, broken down by year if possible.)</i>		
<b>Action/workplan undertaken?</b> <i>(Please state yes or no.)</i>		
<b>Description of work taken and organisation responsible</b>	<i>Please provide details of progress to date, including information about outputs, deadlines, which organisations and where action is being undertaken.</i>	
<b>Output and timescale</b>		<i>Action by</i>
<b>Constraints to action</b> <i>(Please provide an explanation of the significant issues or difficulties encountered and how they have been or will be resolved. Any constraints which the steering group are unable to resolve should also be detailed.)</i>		
<b>Action complete or ongoing?</b> <i>(Please state yes, not started, or ongoing.)</i>		
<b>Next steps</b>	<i>Please outline future action/work including an indication of expected output, timescale and organisation responsible.</i>	
<b>Output and timescale</b>		<i>Action by</i>