



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	<i>Vertigo moulinsiana</i> - Desmoulin's whorl snail
Lead Partner/Agency	English Nature (Contact Point - EN)
Steering Group/Other organisations	Yes - Terrestrial Mollusc Group EN, CCW, SNH, EA, Conchological Society
Work programme in existence?	Yes

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 viable populations of the snail across its current range to ensure favourable conservation status.		✓			✓	
4.2 Survey to determine the full extent of the snail's current distribution and precise habitat requirements.		✓			✓	

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.)
5.1.1 Consider providing incentives for wetland management and restoration under appropriate agri-environment programmes in areas where the snail occurs, particularly where such incentives could contribute to the maintenance of restoration of		✓				No	ongoing

	water quality and quantity.						
5.1.2	Ensure the requirements of this species are taken into account when considering any possible extension of ESAs to cover marshes containing occupied water courses.		✓			No	not started
5.1.3	Seek to ensure that local flood defence activities and water level management plans take account of the requirements of the species.		✓			no	ongoing
5.2.1	Seek to ensure that local water abstraction policies take account of the need to protect the snail.		✓			No	not started
5.2.2	Encourage the sympathetic management of occupied wetland sites.		✓		✓	no	ongoing
5.4.1	Ensure landowners and managers are aware of the presence and importance of conserving this snail, and appropriate methods of habitat management for its conservation.		✓		✓	No	ongoing in England complete for Wales
5.5.1	Undertake further surveys in selected areas to clarify current distribution.		✓		✓	Yes	completed in England ongoing in Wales
5.5.2	Promote ecological research to determine habitat requirements more fully, to inform management advice.		✓			Yes	ongoing
5.5.3	Pass information gathered during survey and monitoring of this species to JNCC or BRC so that it can be incorporated in national databases.		✓			No	ongoing
5.5.4	Provide information annually to the World Conservation Monitoring Centre on the UK status of the species to contribute to maintenance of an up-to-date global red lists.	✓				Yes	ongoing
5.5.5	Initiate monitoring programme on SACs.		✓			Yes	not started
5.5.6	Encourage research on the ecology and conservation of this species at an international level and use the information gained towards its conservation in the UK		✓			yes	

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
<i>UK</i>	X						
<i>England</i>				X			
<i>Northern Ireland</i>	X						
<i>Scotland</i>	X						
<i>Wales</i>							X

Brief text description justifying assessment of status: (~ no more than 100 words for each country/region)

Considerable survey work was undertaken in the year of publication of the plan (1995) and afterwards to provide information for the selection of SAC. New large colonies continue to be located. The findings have radically altered the view of the snail's population strength in England, and it is not considered to be under any immediate threat. The discovery of colonies on Lleyn and in Kent, way outside its normal range, suggests that the distribution is still imperfectly known, but effort to obtain a complete picture is not a high priority.

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.

Actions are being taken forward in several regions under local BAP initiatives, which have resulted in positive management on one large SAC under Countryside Stewardship and habitat creation as mitigation for loss of sites to road development. Understanding of the biology and habitat requirements is increasing through survey and monitoring, and when this has been synthesised, action on advising best practice can begin. There are no major blocks to progress.

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	Martin Drake	Dave Stone (species co-ordinator)
Organisation	English Nature	English Nature
Assessment date (dd/mm/yy)	28/8/1999	16/9/1999

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

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.

Objective/target <i>(For new or revised targets please provide the new paragraph number and target text.)</i>			4.1 Maintain viable populations of the snail across its current range to ensure favourable conservation status.		
Country	Not appropriate	Target achieved	Some progress	No progress	Insufficient information
<i>UK</i>					
<i>England</i>			✓		
<i>Northern Ireland</i>	X				
<i>Scotland</i>	X				
<i>Wales</i>					✓
Text description of target progress (separate for each country/region):					
<p>The species has been recorded within the last 25 years on at least 43 SSSI. 5 SACs have been selected for it and it occurs on three others. Habitat creation for the snail has been very successful in the Kennet and Lambourn valleys; the snail was identified as a target in river restoration scheme on River Loddon, Kennet & Avn Canal restoration scheme. Implementation of water level control and reedbed creation for other conservation interests at several SSSI has improved conditions for the snail (Berkshire, Norfolk Broads).</p> <p>The discovery of a new population in a Welsh SSSI opens the possibility that the species occurs more widely here, so it is not clear whether it occurs on other sites whose management will ensure its conservation across its range here.</p>					

Objective/target <i>(For new or revised targets please provide the new paragraph number and target text.)</i>			4.2 Survey to determine the full extent of the snail's current distribution and precise habitat requirements.		
Country	Not appropriate	Target achieved	Some progress	No progress	Insufficient information
<i>UK</i>					
<i>England</i>			✓		
<i>Northern Ireland</i>	X				
<i>Scotland</i>	X				
<i>Wales</i>			✓		
Text description of target progress (separate for each country/region):					
<p>Recording by Conchological Society and targeted surveys by EN for SAC selection have gone a long way to confirming the broad distribution. More recent surveys have refined local knowledge in Berkshire, Oxford and Norfolk. Information on the habitat requirements has improved as a result of this work.</p> <p>Further work would add little to this well established pattern of occurrence in England but discovery of the species in Wales has prompted actions to survey potential sites there. The one Welsh colony has been surveyed.</p>					

Table B: Proposed actions (Copiable table)

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

Published action/organisation(s) responsible	5.1.3 Seek to ensure that local flood defence activities and water level management plans take account of the requirements of the species.	
Work plan/organisation(s) responsible	EA to include the requirements of the species in LEAPs	
Action/workplan undertaken?	Yes	
Description of work taken and organisation responsible.	Included in LEAPs for several Berkshire and Oxfordshire rivers.	
Output and timescale		Action by EA
Constraints to action		
Action complete or ongoing?	ongoing	
Next steps	Check that relevant LEAPs include reference to the species' conservation.	
Output and timescale		Action by

Published action/organisation(s) responsible	5.5.1 Undertake further surveys in selected areas to clarify current distribution.	
Work plan/organisation(s) responsible	Undertake survey of Cors Geirch SSSI by April 2000 (CCW) Undertake surveys of other potentially suitable fens in north Wales as appropriate. (CCW)	
Action/workplan undertaken?	Yes	
Description of work taken and organisation responsible.	Considerable survey work was undertaken in the year of publication of the plan (1995) and afterwards to provide information for the selection of SAC. New large colonies continue to be located.	
Output and timescale	Drake, C.M. (ed.). <i>Vertigo moulinsiana</i> surveys and studies commissioned in 1995-96. <i>English Nature Research Reports</i> No 217. (Seven surveys) Chatfield, J. E. 1997. <i>Desmoulin's Whorl Snail (Vertigo moulinsiana) at selected sites in Oxfordshire, Berkshire and Hampshire</i> . Unpublished report to English Nature.	Action by EN
Constraints to action		
Action complete or ongoing?	Not started in Wales	
Next steps	No further targeted survey is planned for England. Records will continue to be collected from casual recording.	
		Action

Output and timescale		<i>by</i>
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Published action/organisation(s) responsible	5.5.2 Promote ecological research to determine habitat requirements more fully, to inform management advice.	
Work plan/organisation(s) responsible		
Action/workplan undertaken?	Yes	
Description of work taken and organisation responsible.	<p>1 Monitoring sites created and translocated for the snail at Kennet & Lambourn has provided insights into its habitat requirements and life history. Work was undertaken commercially with Highways Agency funding.</p> <p>2 Ecology and distribution summarised in publication.</p>	
Output and timescale	Final report due (Highways Agency) by 2002. Paper in press.	<i>Action by</i> HA/EN
Constraints to action		
Action complete or ongoing?	Ongoing	
Next steps	Research hydrological requirements to inform conservation objectives for monitoring and review of consents of abstraction licences.	
Output and timescale	Likely to start 2000.	<i>Action by</i> EN

Published action/organisation(s) responsible	5.5.4 Provide information annually to the World Conservation Monitoring Centre on the UK status of the species to contribute to maintenance of an up-to-date global red lists.	
Work plan/organisation(s) responsible	N/A	
Action/workplan undertaken?	No	
Description of work taken and organisation responsible.	N/A	
Output and timescale	N/A	<i>Action by</i>
Constraints to action	WCMC do not wish to receive raw data as they are not established to maintain raw datasets.	
Action complete or ongoing?	Action dropped	
Next steps	N/A	
Output and timescale	N/A	<i>Action by</i>

Published action/organisation(s) responsible	5.5.5 Initiate monitoring programme on SACs.	
Work plan/organisation(s) responsible	Devise protocol for monitoring by April 2000 (EN) Initiate monitoring at all six SACs for the snail in 2000. (EN)	
Action/workplan undertaken?	New action	
Description of work taken and organisation responsible.	Monitoring is essential to report on favourable conservation status of the SACs selected for this species.	
Output and timescale	Monitoring in place by 2000.	<i>Action by</i> EN
Constraints to action		
Action complete or ongoing?	Ongoing	
Next steps		
Output and timescale	Start in 2000.	<i>Action by</i>

Published action/organisation(s) responsible	5.5.6 Encourage research on the ecology and conservation of this species at an international level and use the information gained towards its conservation in the UK	
Work plan/organisation(s) responsible	New action to bring this plan in line with those for other <i>Vertigo</i> species on the Habitats & Species Directive.	
Action/workplan undertaken?	Yes	
Description of work taken and organisation responsible.	As action. EN	
Output and timescale		<i>Action by</i>
Constraints to action		
Action complete or ongoing?	Ongoing.	
Next steps	Contact will be maintained through Conchological Society.	
Output and timescale		<i>Action by</i>