



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>Catinella arenaria</i> - Sandbowl 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 Ensure that viable populations are maintained at all known sites.		✓				
4.2 Restore grazing and a high water table to Braunton Burrows by the year 2000.		✓				
4.3 Carry out surveys to locate any other sites for the species.		✓				

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 Seek to ensure that local water abstraction policies take into consideration the need to conserve this species.		✓				yes	ongoing
5.2.1 Encourage resumption of an appropriate level of grazing on Braunton Burrows by the year		✓				no	ongoing

2000.						
5.2.2	Seek to restore water levels in ditches on the marshes adjacent to Braunton Burrows to their 1970s levels by the year 2000, through the production and implementation of a water level management plan.	✓				yes ongoing
5.2.3	Develop and implement a management plan for Sunbiggin Tarn.	✓				no not started
5.2.4	Seek to protect any new sites that may be found and ensure appropriate management.	✓				no ongoing
5.4.1	Ensure that landowners and managers at new sites are aware of the presence and importance of conserving this species, and appropriate methods of management for its conservation.	✓				no ongoing
5.5.1	Survey to identify sites for this species in other dune slacks and calcareous upland fens and flushes in Cumbria.	✓				yes ongoing
5.5.2	Encourage regular monitoring of extant sites and seek to identify any further threats to the species.	✓				no ongoing
5.5.3	Encourage research on the ecology and distribution of this species with European partners and use the information and expertise gained towards its conservation in the UK.	✓				no not started
5.5.4	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
5.5.5	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 not started (Action dropped)

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>							
<i>England</i>				✓			
<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*)

Populations in Cumbria are most probably stable as management there has not altered. The apparent increase in the total population is due to increased targeted recording effort. The population at Braunton appears to have contracted its range since a survey in 1991 as slacks have dried out and lack of grazing has made the vegetation structure unsuitable.

The record (pre-1862) from Wales mentioned in the SAP is now thought to be a misidentified specimen; the likely area from where the specimens came has been searched in the past and much has been destroyed.

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.

Surveys in Cumbria and at Braunton Burrows have helped to develop a better understanding of habitat requirements. When synthesised, this information will help in taking forward specific action for the snail, particularly at Braunton where this information may help with implementing the published WLMP. The WLMP fails to mention the snail despite advice that it should have done so. It is clear already that there is insufficient sparsely vegetated ground at Braunton and better control over the grazing regime as well as water levels would help the snail.

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)	29/7/99	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 Ensure that viable populations are maintained at all known sites.		
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>	X				
Text description of target progress (separate for each country/region):					
Considerable effort being made at Braunton to ensure adequate management. All Cumbrian sites are currently under suitable management, even outside SSSI.					

Objective/target <i>(For new or revised targets please provide the new paragraph number and target text.)</i>			4.2 Restore grazing and a high water table to Braunton Burrows by the year 2000.		
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>	X				
Text description of target progress (separate for each country/region):					
Grazing has been partly restored in the form of trials that were ongoing in 1999, although there is a need for more of the site to be grazed. Implementation of WLMP has begun.					

Objective/target <i>(For new or revised targets please provide the new paragraph number and target text.)</i>		4.3 Carry out surveys to locate any other sites for the species.			
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): A survey of east Cumbria covered many potential sites. No survey has been undertaken of potential sites in SW England. A survey for <i>Vertigo angustior</i> at the Welsh site for the purported <i>Catinella</i> found no habitat suitable for it.					

Table B: Proposed actions (Copiable table)

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

Published action/organisation(s) responsible	5.1.1 Seek to ensure that local water abstraction policies take into consideration the need to conserve this species.	
Work plan/organisation(s) responsible	EA	
Action/workplan undertaken?		
Description of work taken and organisation responsible.	Braunton Burrows has been identified as a priority for the EA reviews of abstraction consents.	
Output and timescale	Output will be a reviewed abstraction regime in light of the site's European importance in the form of an Appropriate Assessment.	Action by EA
Constraints to action	a) Present lack of European site conservation objectives without which review cannot begin. b) Cost of any compensation required to alter existing abstraction licences.	
Action complete or ongoing?	Ongoing.	
Next steps		
Output and timescale		Action by
Published action/organisation(s) responsible	5.2.2 Seek to restore water levels in ditches on the marshes adjacent to Braunton Burrows to their 1970s levels by the year 2000, through the production and implementation of a	

	water level management plan.	
Work plan/organisation(s) responsible	EA WLMP due to for completion by end 1998. Implement recommendations in WLMP, starting 1999. EN to undertake detailed mapping of snail on Brunton on-going 1998-99; due for completion end 1999 (Devon Local Team). MAFF to continue to identify Braunton Marsh as a target area for Countryside Stewardship, and encourage applications.	
Action/workplan undertaken?	WLMP published in 1999.	
Description of work taken and organisation responsible.	Implementation has started.	
Output and timescale	Continue implementation.	<i>Action by</i> EN/EA/ IBD
Constraints to action	Slow progress in reducing abstraction from the marshes outside the SSSI is having a significant effect on populations within the marsh.	
Action complete or ongoing?	ongoing	
Next steps		
Output and timescale		<i>Action by</i>

Published action/organisation(s) responsible	5.5.1 Survey to identify sites for this species in other dune slacks and calcareous upland fens and flushes in Cumbria.	
Work plan/organisation(s) responsible	EN to investigate Cumbrian sites in 1997-8.	
Action/workplan undertaken?	Yes	
Description of work taken and organisation responsible.	Surveys in east Cumbria revealed further small populations outside SSSI. Survey for <i>Vertigo angustior</i> at Welsh site revealed no suitable habitat.	
Output and timescale	Colville , B. 1999. A survey for the Sandbowl Snail, <i>Catinella arenaria</i> , in Cumbria. ENRR No. 308.	<i>Action by</i> EN
Constraints to action	SSSI notification is unlikely to be appropriate for the sites on grounds other than this species.	
Action complete or ongoing?	ongoing for Cumbria, no progress in SW England.	
Next steps	EN to investigate mechanisms to maintain populations outside SSSI (previously known colonies were all within SSSI). No specific survey is intended in SW England, and further survey in northern England will be linked to survey for <i>Vertigo geyeri</i> .	
Output and timescale	Mechanism for site management agreed with land owners.	<i>Action by</i> EN

Published action/organisation(s)	5.5.4 Provide information annually to the World Conservation	
---	---	--

responsible	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>