



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>Carabus intricatus</i> - Blue ground beetle
Lead Partner/Agency	English Nature (Contact Point - EN)
Steering Group/Other organisations	Yes. English Nature. Dartmoor National Park. Devon Wildlife Trust. Carabid Beetles Distribution Mapping Scheme. University of Plymouth. National Trust.
Work programme in existence?	Yes. If in existence, please use the agreed work programme to update Field 3 and Table 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 Survey former sites to establish range and population by 1998.		✓				
4.2 Identify precise habitat requirements by the year 2000.		✓				
4.3 Re-establish self-sustaining populations at a minimum of five sites by 2005.		✓				

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 Following further survey and research to identify the precise requirements for this species, encourage favourable		✓				yes	ongoing

	management within occupied woodlands.						
5.3.1	Ensure that self-sustaining populations are established at a minimum of five sites by 2005, through habitat management, and re-introduction if necessary.		✓				no ongoing
5.4.1	Ensure landowners and managers of former and current sites are aware of the presence of the species, or potential of their land to support it, and appropriate methods of management for its conservation.		✓				yes ongoing
5.4.2	Ensure that the relevant groups and societies are aware of the ecological implications of collecting this species.		✓				no not started
5.5.1	Complete surveys of all previous sites by 1998 to establish the range and population size.		✓				yes yes
5.5.2	Promote ecological research on the species and identify habitat its requirement by 2000.		✓				yes ongoing
5.5.3	Identify suitable re-introduction sites and promote research to determine appropriate re-introduction techniques. Consider captive breeding if necessary.		✓				yes ongoing
5.5.4	Encourage research on the ecology and distribution of this species on a European level and use the information and expertise gained towards its conservation in the UK.	✓					no not started
5.5.5	Pass information gathered during survey and monitoring of this species to JNCC or BRC so that it can be incorporated in national databases.		✓				no not started
5.5.6	Provide information annually to the World Conservation Monitoring Centre on the UK status of the species to contribution to maintenance of an up-to-date global red lists.	✓					no not started
5.6.2	Use the blue ground beetle to raise awareness of the implications of the importance of woodland management.		✓				yes ongoing

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)

Surveys have located additional colonies. Autecological research has indicated habitat features of significance for the survival of this species. All sites favourably managed. No sites lost.

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.

Autecological studies are progressing well but slowly. Difficulties found in monitoring populations with any confidence. Habitat parameters defined and potential sites continually identified. Experimental habitat management ongoing.

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	David Sheppard	Dave Stone (species co-ordinator)
Organisation	English Nature	English Nature
Assessment date (dd/mm/yy)	14 September 1999	10 October 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 Survey former sites to establish range and population by 1998.		
Country	Not appropriate	Target achieved	Some progress	No progress	Insufficient information
<i>UK</i>	x				
<i>England</i>		x			
<i>Northern Ireland</i>	x				
<i>Scotland</i>	x				
<i>Wales</i>	x				
Text description of target progress (separate for each country/region): All old identifiable localities surveyed.					

Objective/target <i>(For new or revised targets please provide the new paragraph number and target text.)</i>			4.2 Identify precise habitat requirements by the year 2000..		
Country	Not appropriate	Target achieved	Some progress	No progress	Insufficient information
<i>UK</i>	x				
<i>England</i>			x		
<i>Northern Ireland</i>	x				
<i>Scotland</i>	x				
<i>Wales</i>	x				
Text description of target progress (separate for each country/region): Broad parameters now identified. Experimental management ongoing. Adult habitat parameters identified. Larval requirements being investigated.					

Objective/target <i>(For new or revised targets please provide the new paragraph number and target text.)</i>			4.3 Re-establish self sustaining populations at a minimum of five sites by 2005.		
Country	Not appropriate	Target achieved	Some progress	No progress	Insufficient information
<i>UK</i>	x				
<i>England</i>				x	
<i>Northern Ireland</i>	x				
<i>Scotland</i>	x				
<i>Wales</i>	x				
Text description of target progress (separate for each country/region):					
Additional colonies are being located. Need for re-establishments now in doubt. Surveys of potential sites ongoing.					

Table B: Proposed actions (Copiable table)

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

Published action/organisation(s) responsible <i>(For new or revised actions please provide the new paragraph number and action text.)</i>	5.2.1 Following further survey and research to identify the precise requirements for this species, encourage favourable management within occupied woodlands.	
Work plan/organisation(s) responsible <i>(Summary of work plan agreed by the steering group, broken down by year if possible.)</i>	Actions 1994-1998 see annual reports 1999 Investigate changes in target species populations in recently fenced and adjacent unfenced areas of target woodland.	
Action/workplan undertaken? <i>(Please state yes or no.)</i>	Yes	
Description of work taken and organisation responsible.	<i>Please provide details of progress to date, including information about outputs, deadlines, which organisations and where action is being undertaken</i>	
Output and timescale	Investigations ongoing. Results will be disseminated via steering group as soon as available.	Action by EN DNP DWT
Constraints to action <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>		
Action complete or ongoing? <i>(Please state yes, not started, or ongoing.)</i>		
Next steps	<i>Please outline future action/work including an indication of expected output, timescale and organisation responsible.</i>	
Output and timescale	Results are reviewed annually and short-term objectives and targets revised accordingly.	Action by EN DNP DWT

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

Published action/organisation(s) responsible <i>(For new or revised actions please provide the new paragraph number and action text.)</i>	5.4.1 Ensure landowners and managers of former and current sites are aware of the presence of the species, or potential of their land to support it, and appropriate methods of management for its conservation.	
Work plan/organisation(s) responsible <i>(Summary of work plan agreed by the steering group, broken down by year if possible.)</i>	Liaison with landowners/land managers ongoing	

<i>possible.)</i>		
Action/workplan undertaken? <i>(Please state yes or no.)</i>	Yes	
Description of work taken and organisation responsible.		
Output and timescale	ongoing	Action by EN DNP DWT
Constraints to action <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>		
Action complete or ongoing? <i>(Please state yes, not started, or ongoing.)</i>		
Next steps	<i>Please outline future action/work including an indication of expected output, timescale and organisation responsible.</i>	
Output and timescale	Results are reviewed annually and short-term objectives and targets revised accordingly.	Action by EN DNP DWT

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

Published action/organisation(s) responsible <i>(For new or revised actions please provide the new paragraph number and action text.)</i>	5.5.1 Complete surveys of all previous sites by 1998 to establish the range and population size.	
Work plan/organisation(s) responsible <i>(Summary of work plan agreed by the steering group, broken down by year if possible.)</i>	Completed	
Action/workplan undertaken? <i>(Please state yes or no.)</i>	Yes	
Description of work taken and organisation responsible.	Please provide details of progress to date, including information about outputs, deadlines, which organisations and where action is being undertaken	
Output and timescale	Completed	Action by EN DNP DWT
Constraints to action <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</i>		

<i>should also be detailed.)</i>		
<i>Action complete or ongoing? (Please state yes, not started, or ongoing.)</i>	<i>Yes</i>	
<i>Next steps</i>	<i>Please outline future action/work including an indication of expected output, timescale and organisation responsible.</i>	
<i>Output and timescale</i>	<i>Completed</i>	<i>Action by EN DNP DWT</i>

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

<i>Published action/organisation(s) responsible (For new or revised actions please provide the new paragraph number and action text.)</i>	5.5.2 Promote ecological research on the species and identify habitat its requirement by 2000	
<i>Work plan/organisation(s) responsible (Summary of work plan agreed by the steering group, broken down by year if possible.)</i>	<i>Actions 1994 - 1998 see annual reports. 1999 Investigate density of target species in relation to aspect and habitat. Close observation in the field and captivity of adult and immature behavior and requirements in relation to oviposition, diet, longevity and dispersal range.</i>	
<i>Action/workplan undertaken? (Please state yes or no.)</i>	<i>Yes</i>	
<i>Description of work taken and organisation responsible.</i>	<i>Please provide details of progress to date, including information about outputs, deadlines, which organisations and where action is being undertaken</i>	
<i>Output and timescale</i>	<i>ongoing</i>	<i>Action by EN DNP DWT</i>
<i>Constraints to action (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>		
<i>Action complete or ongoing? (Please state yes, not started, or ongoing.)</i>		
<i>Next steps</i>	<i>Please outline future action/work including an indication of expected output, timescale and organisation responsible.</i>	
<i>Output and timescale</i>	Results are reviewed annually and short-term objectives and targets revised accordingly.	<i>Action by EN DNP DWT</i>

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

<i>Published action/organisation(s) responsible</i>	5.5.3 Identify suitable re-introduction sites and promote research to determine appropriate re-introduction techniques. Consider	
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<i>(For new or revised actions please provide the new paragraph number and action text.)</i>	captive breeding if necessary.	
<i>Work plan/organisation(s) responsible (Summary of work plan agreed by the steering group, broken down by year if possible.)</i>	<i>Actions 1994 -1998 see annual reports</i> <i>1999 Description of habitat features of at least 5 sites of greatest potential to support a colony of the target species.</i> <i>Analysis to determine priority site listing.</i>	
<i>Action/workplan undertaken? (Please state yes or no.)</i>	Yes	
<i>Description of work taken and organisation responsible.</i>	<i>Please provide details of progress to date, including information about outputs, deadlines, which organisations and where action is being undertaken</i>	
<i>Output and timescale</i>	<i>ongoing</i>	<i>Action by EN DNP DWT</i>
<i>Constraints to action (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>		
<i>Action complete or ongoing? (Please state yes, not started, or ongoing.)</i>		
<i>Next steps</i>	<i>Please outline future action/work including an indication of expected output, timescale and organisation responsible.</i>	
<i>Output and timescale</i>	Results are reviewed annually and short-term objectives and targets revised accordingly.	<i>Action by EN DNP DWT</i>

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

<i>Published action/organisation(s) responsible (For new or revised actions please provide the new paragraph number and action text.)</i>	5.6.2 <i>Use the blue ground beetle to raise awareness of the implications of the importance of woodland management.</i>	
<i>Work plan/organisation(s) responsible (Summary of work plan agreed by the steering group, broken down by year if possible.)</i>	<i>1994 1998 See annual reports.</i> <i>1999 Dartmoor woodland management assessment modified to include habitat requirements of target species.</i>	
<i>Action/workplan undertaken? (Please state yes or no.)</i>	Yes	
<i>Description of work taken and organisation responsible.</i>	<i>Please provide details of progress to date, including information about outputs, deadlines, which organisations and where action is being undertaken</i>	
<i>Output and timescale</i>	Ongoing.	<i>Action by EN DNP</i>

		DWT
Constraints to action <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>		
Action complete or ongoing? <i>(Please state yes, not started, or ongoing.)</i>		
Next steps	Please outline future action/work including an indication of expected output, timescale and organisation responsible.	
Output and timescale	Results are reviewed annually and short-term objectives and targets revised accordingly.	Action by EN DNP DWT