



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>Callicera spinolae</i> - a hoverfly
Lead Partner/Agency	English Nature (Contact Point - EN)
Steering Group/Other organisations	No
Work programme in existence?	No

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 the continued survival of the known population, including by notification as SSSI.		✓				
4.2 Attempt to locate further populations by the year 2000 and conserve any that are found.		✓				

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 Seek to ensure the long term continuity of suitable habitat, including appropriate management at the current site, in particular maintenance of the two known breeding trees and the ivy on which the adults feed.		✓				yes	ongoing
5.2.2 Prepare and implement long term management plans for all		✓				no	ongoing

	current and identified sites.						
5.2.3	Review the need to notify the site as an SSSI pending the completion of surveys designed to discover whether this species still occurs at other sites.		✓				no not started
5.3.1	Provide artificial breeding habitat at current and recent sites, if sufficient natural habitat is lacking.		✓				no not started
5.4.1	Ensure land managers and owners at 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 historic and other potential East Anglian sites, particularly parklands, to ascertain the true distribution of the species.		✓				yes ongoing
5.5.2	Monitor the remaining populations and promote research into the feasibility and use of artificial breeding.		✓				no ongoing
5.5.3	Encourage research on the ecology and conservation of this species at an international level and use the information and experience 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.	✓					no, but when a steering group is convened, it will drop this action. not started
5.6.1	Use this hoverfly to promote interest in the conservation of insects relying on dead wood.		✓				no 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
<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)

A survey for larvae and adults is in its third year. Adults and recently larvae have been seen at one site for all three year, but at no other sites. There have been no recent records from the two sites where it was last known, where gales have felled trees and droughts have dried up the larval breeding sites. The fly's status is therefore unclear.

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.

The discovery of larvae opens opportunities to study the autecology, in particular the range of trees in which suitable rot holes can be found. This information will help in developing suitable designs of artificial rot holes, which are proposed as a method of enhancing populations. Increasing the amount of flowering ivy on which adults feed will be included in future. Survey of potential sites will continue.

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)	16/9/1999	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 Ensure the continued survival of the known population, including by notification as SSSI.		
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): One colony has been lost and another located in the 1990s, although the trees in which it breeds have not been located. No management can therefore be taken, nor SSSI notification considered yet.					

Objective/target <i>(For new or revised targets please provide the new paragraph number and target text.)</i>			4.2 Attempt to locate further populations by the year 2000 and conserve any that are found.		
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): Survey for this species over two years has revealed an apparently stable population at the site where the fly was first discovered in England in the 1920s. The species was not found at many other apparently suitable sites.					

Table B: Proposed actions (Copiable table)

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

Published action/organisation(s) responsible	5.2.1 Seek to ensure the long term continuity of suitable habitat, including appropriate management at the current site, in particular maintenance of the two known breeding trees and the ivy on which the adults feed.	
Work plan/organisation(s) responsible	EN - Seek to ensure the long term continuity of suitable habitat, including appropriate management at the current site.	
Action/workplan undertaken?	Yes	
Description of work taken and organisation responsible.	The owners of the sites where the fly was found in the 1980s and the current site have been informed of the significance of the species. The results of work in 1999 have been useful in reinforcing the range of habitat that is necessary to conserve for the species.	
Output and timescale		<i>Action by</i> EN
Constraints to action	Several trees with likely and one known breeding rot hole have been blown down in gales and rot hole have dried out in 1990s droughts, destroying the larval habitat. The 'constraints' at these sites are therefore natural processes.	
Action complete or ongoing?		
Next steps	Annual surveillance for adults by a local dipterist continues at the two sites and survey of three sites with high potential continues for two more years. If breeding sites are found, then the sites may be enhanced by erecting artificial rot holes. Ivy blossom may need to be encouraged, by planting more in areas where it will flower.	
Output and timescale	Expected to complete in 2001	<i>Action by</i> EN

Published action/organisation(s) responsible	5.5.1 Survey historic and other potential East Anglian sites, particularly parklands, to ascertain the true distribution of the species.	
Work plan/organisation(s) responsible	EN - Survey historic and other potential East Anglian sites	
Action/workplan undertaken?	Yes	
Description of work taken and organisation responsible.	A survey for larvae and adults of parklands and woodlands in East Anglia was undertaken in 1997-8. This covered all historic sites and many with potential (large old beech trees). Survey continued in 1999 at three prime sites, with the emphasis on locating the breeding sites of the larvae.	
Output and timescale		<i>Action by</i> EN
Constraints to action		
Action complete or ongoing?	Ongoing.	
Next steps	Link with the Veteran Trees Initiative and involvement of local landowners.	

Output and timescale	It is premature to consider outputs when so few flies can be found.	<i>Action by</i> EN
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