



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>Thyridanthrax fenestratus</i> - mottled bee-fly
Lead Partner/Agency	British Entomological & Natural History Society (BENHS) (Contact Point - EN)
Steering Group/Other organisations	Yes - Heathland Flies Species Steering Group BENHS, English Nature
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 all known sites support viable populations by 2010.		✓				Research to enable this commenced in May 1999

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	U K	E	NI	S	W	Action significant?	Action complete or ongoing? (Please state yes, not started, or ongoing.)
5.1.1 Where appropriate, include the requirements of the species when preparing or revising prescriptions for agri-environment schemes.		✓				No	No action

5.2.1	Where possible, ensure that all occupied sites are appropriately managed, including the provision and maintenance of bare, compacted sand, and the avoidance of excessive disturbance by 2005. Appropriate management could be achieved through SSSI or agri-environment scheme management agreements.	✓			No	Started but not completed
5.2.2	Where possible, increase the available sandy heathland habitat at known sites and adjacent areas, and attempt to link up existing fragments of heathland.	✓			No	Not started (premature until biology and habitat needs fully determined)
5.2.3	Incorporate specific targets and management for the mottled bee-fly in MoD site management plans for relevant sites.	✓			No	Not started
5.2.4	Ensure that the habitat requirements of the mottled bee-fly are taken into account in any relevant development policies, plans and proposals.	✓			No	Not started (premature until all potential sites fully surveyed)
5.2.5	Ensure that the species is included in site management documents for all relevant SSSIs.	✓			No	Not started
5.4.1	Advise landowners and managers of the presence of the species and the importance of beneficial management for its conservation.	✓			No	Started
5.4.2	As far as possible, ensure that all relevant agri-environment project officers, and members of regional agri-environment consultation groups, are advised of locations of this species, its importance, and the management needed for its conservation.	✓			No	Not started
5.5.1	Undertake surveys to determine the status of this species.	✓			Yes	Started but not completed (a five year research project commenced May 1999)
5.5.2	Conduct further targeted autecological research, particularly on the ecological relationships of the bee-fly and its host sand wasp, to inform habitat management.	✓			No	Started but not completed (This will not be fully achieved until 2003/4 when project is complete)
5.5.3	Establish a regular monitoring programme for this species at key sites.	✓			No	Started but not completed (a five year research project commenced May 1999)
5.5.4	Determine the impact of horse riding and military activity, and investigate measures to overcome any detrimental effects.	✓			No	Not started
5.5.5	Pass information gathered during survey and monitoring of this	✓			No	Ongoing (will be done with submission of annual

	species to a central database so that it can be incorporated in national databases.						project report each December)
5.6.1	Promote opportunities for the appreciation of this species and the conservation issues associated with this habitat. This should be achieved through articles in appropriate journals, as well as by a publicity leaflet.	✓				No	Not started
5.6.2	Use this species to highlight the impact of recreational pressure on heathland.	✓				No	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>							X
<i>Northern Ireland</i>	X						
<i>Scotland</i>	X						
<i>Wales</i>	X						

Survey has been designed to take place over several years, undertaken by volunteers. Current results do not allow status to be assessed for England.

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.

A five year work programme was started in May 1999, undertaken by volunteers. Survey will occupy the first 2-3 years, together with observational studies on host preference, and more detailed autecological work will follow in 2002-3. No major constraints are foreseen but working with volunteers is a reason for the long time period allocated to each element of the work.

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 Miles/John Muggleton	Martin Drake
Organisation	BENHS	English Nature
Assessment date (dd/mm/yy)	01/09/1999	30/09/1999

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 all known sites support viable populations by 2010.			
Country	Not appropriate	Target achieved	Some progress	No progress	Insufficient information
<i>UK</i>					
<i>England</i>					X
<i>Northern Ireland</i>	X				
<i>Scotland</i>	X				
<i>Wales</i>	X				
The summer of 1999 represents the first period of action to meet the action plan targets. Until the data are analysed and more is known about the species' requirements, all information should be regarded as insufficient.					

Table B: Proposed actions (Copiable table)

Published action/organisation(s) responsible	5.5.1 Undertake surveys to determine the status of the species	
Work plan/organisation(s) responsible	Organise team of BENHS volunteers to undertake surveys of target sites.	
Action/workplan undertaken?	Yes	
Description of work taken and organisation responsible.	Training day organised by BENHS (May 1999) - Observational skills, recording methods, passing on good practice/expertise Gathering of existing records has commenced and a bibliography of relevant literature has been undertaken - ongoing Some survey undertaken.	
Output and timescale	Survey continues for a further 3 years.	Action by BENHS,
Constraints to action	Survey may be limited on some sites by military use. The published action plan stipulates that surveys of all present and past sites should be completed to establish current status by 2000. As volunteers are undertaking this work, a realistic timescale is completion by 2002 or even later.	

<i>Action complete or ongoing?</i>	Ongoing	
<i>Next steps</i>	BENHS meetings to be held in 2000-2002 to survey for this species at its main sites.	
Output and timescale	c. 2002	Action by BENHS