

# *Asilus crabroniformis* (Hornet robberfly)

Full report outputted on the 30/07/2003 17:04:08

## 1. Status of the habitat / species

Please give your most accurate assessment of the status of your species or habitat for the UK and for each country. Leave the row blank where the species or habitat does not occur in that country.

	Amount:	Units:	Year:	Accuracy:	Reference for data:
UK	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
E	50	Sites/ Populations	2000	Partial or sample survey	Smith, M. 2000. The hornet robberfly <i>Asilus crabroniformis</i> : land use and livestock grazing regimes at sites in England. English Nature Research Reports. 387.
NI	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
S	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

W	25	Sites/ Populations ▼	2002	Partial or sample survey ▼	Howe, M.A. 2002. A provisional checklist of the invertebrates recorded in Wales. 3. Brachyceran flies (Diptera: Xylophagidae to Dolichopodidae). Countryside Council for Wales.

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## 2. Trend in Biological Status

Please give your best estimate of the current trend for your species or habitat for the UK, and each appropriate country, using the following categories. Please give an estimate unless there is absolutely no information on which to assess status.

	Trend:	Accuracy:	Reference for data:
UK	Fluctuating / No clear trend ▼	Informed guess ▼	
E	Fluctuating / No clear trend ▼	Informed guess ▼	
NI	▼	▼	
S	▼	▼	
W	Fluctuating / No clear trend ▼	Informed guess ▼	

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### 3. Status of knowledge

To what extent is our scientific knowledge of the habitat / species (e.g research information, autecological knowledge, knowledge for effective re-introduction or habitat restoration/re-creation) sufficient to deliver the plan targets?

Please give an assessment for the UK overall but if there is significant difference in knowledge between different countries this should be noted.

<b>Status of knowledge:</b>	Know ledge sufficient to make some impact, but more research needed. 
<b>Notes:</b>	<div data-bbox="465 735 1144 1034"><p>Despite detailed studies, little is know n about the larval life history and adult dispersal abilities still unclear. To safeguard current populations, low intensity grazing by cattle or ponies is required from July to October inclusive to provide an egg-laying substrate and prey for adults and larvae. The use of avermectins as a worming treatment should be avoided during this critical period, and boluses should not be used.</p></div>

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### 4. Progress on targets

Each of the revised targets from the 2001 Targets Review is listed below.

For each one please give a qualitative assessment of progress for the UK and each country. You can also enter quantitative information on progress by entering data in each of the target boxes and entering the current amount in the amount box. For more information see Help.

**T1: Ensure the continued survival of the species in England and Wales in at least 40 regular sites.**

<b>Target start date:</b>	1995
<b>Target end date:</b>	ongoing
<b>Target units:</b>	Sites/ Populations ▼

	Progress	Target	Current	Accuracy	Monitoring
<b>UK</b>	Some progress (on schedule) ▼	40			
<b>E</b>	Some progress (on schedule) ▼	30		Informed guess ▼	Under consideration ▼
<b>NI</b>					
<b>S</b>					
<b>W</b>	Some progress (on schedule) ▼	10		Informed guess ▼	Under active development ▼

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## 5. Current factors affecting the habitat

When your plan was published the factors (threats) that were thought to be causing loss or decline were listed (in section 2). Re-assessing the current situation may help prioritise actions for your species or habitat. In addition, this enables identification of the main threats to biodiversity across all plans. It is useful to assess whether the importance of different factors is changing and whether there are new issues emerging.

The threat section from the original plan is duplicated below, and a first attempt at categorising the threats has been made. Please confirm that you agree with the categorisation of the original threats identified in the plan (by deleting any wrongly categorised threats and adding the correct category). Please also add to the list any significant threats that have emerged recently, being mindful of environmental issues that have increased in profile or been recognised since plan publication (e.g. climate change). Once you are happy that the list contains all the threats identified in the published plan together with any new ones, please rank them in order of severity (1= highest threat). If the situation has changed and one of the published threats is no longer significant, please leave this in the list but give this rank = 0.

### Current factors affecting the habitat from the original publication:

2.1 Loss of unimproved grassland and heath leading to habitat fragmentation.

2.2 Use of persistent parasite treatments for stock (e.g. ivermectins) which kill dung beetle hosts.

2.3 Changes in stock management.

### Keyworded factors:

To add factors click the add button, to delete factors check the delete box and then click the delete button.

Delete:	Rank:	Keyword:
<input type="checkbox"/>	2	Habitat loss / degradation - agriculture   Inappropriate grazing (due to timing or livestock type)

<input type="checkbox"/>	<input type="text" value="1"/>	Habitat loss / degradation - agriculture   Intensive grassland management
<input type="checkbox"/>	<input type="text" value="3"/>	Pollution - land   Agricultural (other agro-chemicals)

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## 6. Constraints (optional)

Select the three most significant constraints to achieving the targets of the plan, and indicate the order of priority (1-3 with 1 being the most significant constraint). Only include constraints that are acting as a real blockage to delivering the plan targets or leading to a substantial delay in their delivery. For each constraint, please indicate whether you feel that it is within the ability of the lead partner or steering group to resolve the constraint.

<b>Constraint 1:</b>	
<b>Constraint keyword:</b>	<b>Country:</b>
Funding and incentives   Agricultural schemes - changes needed to structure / payments	<input type="checkbox"/> UK <input type="checkbox"/> E <input type="checkbox"/> NI <input type="checkbox"/> S <input type="checkbox"/> W
<b>Solution:</b>	<b>Solution type:</b>
Unable to target agri-environment schemes to promote sympathetic management on occupied sites, at least in Wales. Whilst this problem is recognised, it is not easily surmounted.	

Able to resolve:

## Constraint 2:

Constraint keyword:

Country:

Research, survey and information | Autecology - poor knowledge

 UK  E  NI  S  
 W

Solution:

Solution type:

Despite sustained efforts, little is known of the larval life history. Unlikely to be additional funds for continued investigations.

Able to resolve:

## Constraint 3:

Constraint keyword:

Country:

Species and habitat management | Habitat fragmentation increasing or too great

 UK  E  NI  S  
 W

Solution:

Solution type:

Many populations in England and Wales are rather isolated and the landscape surrounding sites can be inhospitable, thereby reducing opportunities for successful colonisation by natural dispersal.

**Able to resolve:**

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## 7. Steering Group

Please list all organisations that are represented on the steering group for your species/habitat (include all organisations that have contributed either directly or by correspondence within the last 3 years). Where a steering group does not exist please leave this form blank.

To add organisations click the add button, to delete organisations check the delete box and then click the delete button.

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## 8. Other Groups/Organisations

Please list any additional groups/organisations that are actively involved in implementing your action plan. (This is to try to assess which groups are involved where there is no steering group and any additional contributors). If you do not have any other organisations involved, click here.

To add organisations click the add button, to delete organisations check the delete box and then click the delete button.


Delete:	Organisation:
<input type="checkbox"/>	English Nature
<input type="checkbox"/>	Gwent Wildlife Trust
<input type="checkbox"/>	National Trust
<input type="checkbox"/>	University of Reading
<input type="checkbox"/>	Wildlife Trusts

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## 9. Linkages to LBAPs

a) Which of the following most accurately describes your interaction with LBAPs, up to now?

Generic advice to LBAPs on species/habitat needs or appropriate local actions produced/distributed. 

b) If you have been in contact with LBAPs how was it initiated?

By Both 

c) Irrespective of current contact, how important do you consider LBAP co-ordinated action will be in achieving the targets of the plan? Select from category:

Important ▼

d) If you consider LBAP action to be anything other than unimportant, which of the following forms of engagement do you think would be appropriate? (Note, you may tick more than one category.)

- Indirect contact (e.g. posting information on UKBAP website, sharing work programmes, meeting schedules, articles in Biodiversity News, newsletter)
- Provision of generic information on habitat and/or species (e.g. advice and guidance on habitat/species ecology and management)
- Direct provision of advice (e.g. proactive approach to LBAP, response to consultations from LBAPs, advice on LBAP target setting)
- Reciprocal attendance at meetings
- Development of collaborative projects

**Other (please specify):**

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## 10. Successes (optional)

Have there been key successes in the implementation of your plan that should be drawn to the attention of government, the wider BAP partnership, or the public? Please give a brief description (i.e. 2-3 sentences) of up to three successes and allocate a topic area to each of them:

## Success 1:

### Description:

There is a better understanding of adult population dynamics and dispersal abilities, but little improvement of our understanding of larval life history

### Country:

UK  E  NI  S  W

### Keyword:

Research, survey and information | Autecology - improved know ledge

## Success 2:

### Description:

(Partial) surveys have been completed and we now have a better understanding of distribution

### Country:

UK  E  NI  S  W

### Keyword:

Research, survey and information | Baseline survey - achieved or started

## Success 3:

<b>Description:</b>	<b>Country:</b>
<div style="border: 1px solid black; padding: 5px; min-height: 150px;"> <p>General advice on best practice management can be given - ideally, low intensity grazing by cattle or ponies from July to October inclusive to provide an egg-laying substrate and prey for adults and larvae. The use of avermectins as a worming treatment should be avoided during this critical period, and boluses should not be used.</p> </div>	<input type="checkbox"/> UK <input checked="" type="checkbox"/> E <input type="checkbox"/> NI <input type="checkbox"/> S <input checked="" type="checkbox"/> W
<b>Keyword:</b>	
<div style="border: 1px solid black; padding: 5px;">         Species and habitat management   Farming practice improvement       </div>	

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Thankyou for answering the questions. You have not yet completed all of the questions. You can go back and answer the additional ones or edit the ones you have already answered whenever you want.

**Sign-off:**

When you have completed all of the questions that you are able to, you must sign off your reporting.

I agree that the steering group (if present) have agreed the information in this report and that the following contact point has also signed it off:

<b>Contact point:</b> <input style="width: 80%;" type="text"/>	<b>email:</b> <input style="width: 80%;" type="text"/>
<b>Your name:</b> <input style="width: 80%;" type="text"/>	

**Date:**

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