



## **UK priority species pages – Version 2**

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To find out more about JNCC visit <http://www.jncc.gov.uk/page-1729>

**SPECIES PAGES FOR 2007 UK BAP PRIORITY SPECIES**

(see endnotes for an explanation of the various components of this compilation).

***Cerceris quinquefasciata* (Rossi, 1792)**

**Five-banded Weevil-wasp**

**1 General information**

Level 1	Terrestrial invertebrates
Level 2	wasp
On 1997 UK BAP list	Species Action Plan

**2 UK BAP criteria<sup>i</sup>**

1. International threat	2. International responsibility (2a) + moderate decline in UK (2b)	3. Marked decline in the UK	4. Other important factor(s)
False	False	False	True

**3 Evidence for Criteria<sup>ii</sup>**

Criterion 1	
Criterion 2a	
Criterion 2b	
Criterion 3	
Criterion 4	Substantial threat to a food plant or to a highly specialised habitat, if it is impossible to predict the resulting rate of decline in the species, For a species on the current Priority List, factors that caused the original decline are still operating or the species' population has not recovered to a point where it is likely to be viable in the long term

**4 Distribution by Country**

England	Scotland	Wales	Northern Ireland	International Waters
Y	N	N	N	

**5 Distribution Information**

Distribution data source	Stage 1 information, BAP 2005 reporting and NBN Gateway
Distribution data notes	
number of sites (where less than or equal to 10)	6
Units used for number	Site(s) / population(s)

of sites	
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## 6 Actions identified by experts<sup>iii</sup>

Action number	Action text	Reporting category
1	Habitat management, informed by current knowledge and new research, to maintain mosaic of early successional sites with suitable floral diversity. Where appropriate, enhance the area of habitat in suitable condition for the species.	Species-specific management action
2	Survey is needed to find any new sites, monitoring is needed to understand the status of the species at existing sites. This data is needed to allow reporting against success criteria.	Species-specific monitoring/survey
3	Research to identify prey species used by wasp across its geographic range.	Species-specific research

## 8 Additional information from specialists<sup>iv</sup>

Attribute	Value
NBN current scientific name	<i>Cerceris quinquefasciata</i>
NBN common name	Five-banded Weevil-wasp
classification level 1	Terrestrial invertebrates
classification level 2	wasp
Crit 1 Global threat	No
Crit 1 European threat	No
Crit 1 Supporting info	Review of European status of all UK aculeates, due 2006
Crit 3 supporting info	Recent possible increase in overall range/frequency of recording. Probably associated with elevated summer temperatures.
Crit 4 other important factors	One of a suite of species associated with tall, but open, not regularly grazed, droughted grasslands.
Sources	Edwards, R., ed. 1997. Provisional atlas of the aculeate Hymenoptera of Britain and Ireland. Part 1, pg 118 Bees, Wasps and Ants Recording Society.ACG Reports 1999-2004UK BAP
Quality	Existing information reliable.



## 10 Species designations<sup>v</sup>

Abbreviation	Reporting Category	Designation	Designation description	Year	Source	Comment
England NERC S.41	Biodiversity Lists - England	England NERC S.41	Species “of principal importance for the purpose of conserving biodiversity” covered under section 41 (England) of the NERC Act (2006) and therefore need to be taken into consideration by a public body when performing any of its functions with a view to conserving biodiversity.	2008	Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (section 41) and Wales (section 42)	Geographic constraint=Listing is for England only
BAP:2007	Biodiversity Action Plan UK list of priority species	Priority Species	The UK List of Priority Species and Habitats contains 1150 species and 65 habitats that have been listed as priorities for conservation action under the UK Biodiversity Action Plan (UK BAP).	2007	UK list of Priority Habitats and Species	status on former BAP list: Species Action Plan
RedList_GB_Pre94:R	Red Listing based on pre 1994 IUCN guidelines	Rare	Taxa with small populations that are not at present Endangered or Vulnerable, but are at risk. (In GB, this was interpreted as species which exist in fifteen or fewer 10km squares). Superseded by new IUCN categories in 1994, but still applicable to lists that have not been reviewed since 1994.	1991	A review of the scarce and threatened bees, wasps and ants of Great Britain (Falk, S.J.)	pre 1994 IUCN criteria

## UK BAP 2008 reporting<sup>vi</sup>

(nb this only applies to species on the original 1997 UK BAP priority species list)

### 11 General status

Country	Attribute	Value
UK		
	Date	2008
	Status unknown	No
	Value	6
	Units	Site(s) / population(s)
	Accuracy	Best guess
	Adequate data	No and not likely by 2011
	Data on NBN	Some
	Refer to LBAP data	No
	Data source / comments	During the reporting period there are records of the wasp from Oxfordshire and the Thames Corridor population (BWARS dataset available via NBN). The wasp has also been refound in Surrey (Mike Edwards - Hymettus Annual Report 2006). There is no reason to assume that any of the populations in Colchester, Breckland or Dorset have been lost.
	Edits made by reporting group	
England		
	Date	2008
	Status unknown	No
	Value	6
	Units	Site(s) / population(s)
	Accuracy	Partial survey
	Adequate data	No and not likely by 2011
	Data on NBN	Some

	Refer to LBAP data	No
	Data source / comments	During the reporting period there are records of the wasp from Oxfordshire and the Thames Corridor population (BWARS dataset available via NBN). The wasp has also been refound in Surrey (Mike Edwards - Hymettus Annual Report 2006). There is no reason to assume that any of the populations in Colchester, Breckland or Dorset have been lost.
	Edits made by reporting group	

## 7 Trends

Country	Attribute	Value
England		
	Date	2008
	Status unknown	No
	Trend	Increasing
	Accuracy	Partial survey
	Adequate data	No and not likely by 2011
	Data on NBN	Some
	Refer to LBAP data	No
	Data source / comments	Data submitted to BWARS suggests an increase in area of occupancy. This may be a result of climatic factors, or an improvement in the recording effort.
	Edits made by reporting group	
UK		
	Date	2008
	Status unknown	No
	Trend	Increasing
	Accuracy	Partial survey
	Adequate data	No and not likely by 2011
	Data on NBN	Some

	Refer to LBAP data	No
	Data source / comments	Data submitted to BWARS suggests an increase in area of occupancy. This may be a result of climatic factors, or an improvement in the recording effort.
	Edits made by reporting group	

### 8 Successes

Success text	Success category 1	Success category 2	England	NI	Scotland	Wales	Edits by reporting group
No successes reported			No	No	No	No	No success reported

### 9 Threats

Threat category 1	Threat category 2	England	NI	Scotland	Wales	Edits made by reporting group
Habitat loss / degradation - management practice	Loss of open areas	Yes	No	No	No	

Habitat loss / degradation - infrastructure development	Housing infrastructure	Yes	No	No	No	
Habitat loss / degradation - infrastructure development	Industrial infrastructure	Yes	No	No	No	
Habitat loss / degradation - management practice	Lack of disturbance	Yes	No	No	No	

## 15 Constraints

Rank	Constraint category 1	Constraint category 2	Constraint summary	England	NI	Scotland	Wales	Solution category	Solution summary
				Yes	No	No	No		
3	Funding and incentives	General lack of resources	Funding for further autecological studies, survey and monitoring is required.	Yes	No	No	No	Funding, resources and incentive schemes	Provide necessary level of funding

## 10 State of Knowledge

State of knowledge category	Notes	Edits made by reporting group
Knowledge sufficient to make some impact, but more research	Little progress has been made since 2005. No further understanding of the wasp's search image or of prey-habitat dynamics has been	

needed	obtained. A structured monitoring programme is needed to investigate population and range fluctuations.	
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## ENDNOTES

<sup>i</sup> An explanation of these criteria is included at Annex 3 of [UK Biodiversity Action Plan; Report on the Species and Habitat Review](#). BRIG (ed. Ant Maddock) 2007. This review was organised in two stages. Stage 1 looked at the scientific evidence for selecting the UK List of Priority Species and Habitats while stage 2 considered the conservation action needed for these species and habitats and provided signposts to the means of implementing action.

<sup>ii</sup> The information on evidence and the species distribution is as presented on the UK BAP website. Users can download a spreadsheet of the [Stage 1 species evidence](#) from the home page of the UK BAP website.

<sup>iii</sup> Actions were assigned to each and every priority species by expert groups convened at Stage 2 of the Review process. These were subsequently categorised into “signpost categories”. This information is as shown on the UK BAP website See the link for [categorisation \(signposting\) of UK priority species](#).

<sup>iv</sup> This information has been derived from Stage 1 of the priority species review, and is presented in the “marine”, “terrestrial invertebrates” and “other terrestrial species” sheets within the spreadsheet of the [Stage 1 species evidence](#). The information presented here varies according to the taxonomic group. Please note that some of these data have been written for other Expert Group members and may not be of great value to a wider audience.

<sup>v</sup> Information on conservation designations has been extracted from JNCC’s collation of information on [species designations](#). The designations shown in version 2 of these pages are as at December 2010.

<sup>vi</sup> As part of the 2008 UK BAP reporting round lead partners of national plans were asked to answer a number of specific questions. The data will be analysed and used for the UK and country level reports. All of the responses provided through BARS as part of the 2008 reporting exercise are available to [download](#). Note that in the December 2010 version of these pages (version 2) includes corrections to previously truncated text fields.