



UK priority species pages – Version 2

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SPECIES PAGES FOR 2007 UK BAP PRIORITY SPECIES

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

Chrysurina hirsuta (Gerstäcker, 1869)

Northern Osmia Ruby-tailed Wasp

1 General information

Level 1	Terrestrial invertebrates
Level 2	wasp
On 1997 UK BAP list	Statement

2 UK BAP criteriaⁱ

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 Criteriaⁱⁱ

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		

5 Distribution Information

Distribution data source	Stage 1 information
Distribution data notes	
number of sites (where less than or equal to 10)	
Units used for number	

of sites	
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6 Actions identified by expertsⁱⁱⁱ

Action number	Action text	Reporting category
1	One of two alpine, boreal species that require sward management to provide suitable nectar sources. <i>Osmia inermis</i> , <i>Chrysura hirsuta</i> . At risk from intensification of upland grassland management, loss of habitat to afforestation and would be vulnerable to climate change.	Wider "landscape" action
2	This species is also associated with clearings in old growth native pine-wood. Requires open areas that support e.g. <i>Lotus corniculatus</i> - an important forage plant for <i>Osmia uncinata</i> .	Prescriptive habitat action
3	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
4	Autecological research needed to determine host species and requirements of adults.	Species-specific research

8 Additional information from specialists^{iv}

Attribute	Value
NBN current scientific name	<i>Chrysura hirsuta</i>
NBN common name	Northern <i>Osmia</i> Ruby-tailed Wasp
classification level 1	Terrestrial invertebrates
classification level 2	wasp
Crit 1 Global threat	Unknown
Crit 1 European threat	Probably high
Crit 1 Supporting info	Attacks a wider range of <i>Osmia</i> bees in rest of its range. Most are alpine specialists
Crit 2 % of global pop	Unknown
Crit 2 % of European popn	Unknown
Crit 2 declines supporting info	Decline likely. Host bees (<i>O. inermis</i> and <i>O. uncinata</i>) also BAP species. May attack <i>O. parietina</i> (also BAP). All three are recommended for retention.
Crit 3 supporting info	Decline likely. Host bees (<i>O. inermis</i> and <i>O. uncinata</i>) also BAP species. May attack <i>O. parietina</i> (also BAP). All three are recommended for retention. Very few records ever.
Crit 4 other important factors	Part of a trophic web, top parasite, indicates overall health of system.
Sources	Else, G.R. and Edwards M., 1996

	Observations on <i>Osmia inermis</i> (Zetterstedt) and <i>O. uncinata</i> Gerstaecker (Hym., Apidae) in the central Scottish Highlands. EMM. 132, 291-298 Kunz, P. 1994. Die Goldwespen Baden-Wurttembergs, Karlsruhe. Edwards, R., ed. 2002. Provisional atlas of the aculeate Hymenoptera of Britain and Ireland. Part 4, pg 20 Bees, Wasps and Ants Recording Society.
Quality	Existing information reliable.

10 Species designations^v

Abbreviation	Reporting Category	Designation	Designation description	Year	Source	Comment
Scottish Biodiversity List	Biodiversity Lists - Scotland	Scottish Biodiversity List	<p>The Scottish Biodiversity List is a list of flora, fauna and habitats considered by the Scottish Ministers to be of principal importance for biodiversity conservation. The development of the list has been a collaborative effort involving a great many stakeholders overseen by scientists from the Scottish Biodiversity Forum. Completion of the list is the first time such a stocktake has been done in Scotland.</p> <p>The Scottish Biodiversity List is a tool for public bodies and others doing their Biodiversity Duty. The publication of the Scottish Biodiversity List satisfies the requirements of Section 2(4) of The Nature Conservation (Scotland) Act 2004.</p>	2005	Scottish Biodiversity List of species of principal importance for biodiversity conservation	Geographic constraint=Listing is for Scotland 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: Statement
RedList_GB_Pre94:R	Red Listing based	Rare	Taxa with small populations that	1991	A review of the	pre 1994 IUCN criteria

	on pre 1994 IUCN guidelines		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.		scarce and threatened bees, wasps and ants of Great Britain (Falk, S.J.)	
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UK BAP 2008 reporting^{vi}

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

ENDNOTES

ⁱ 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.

ⁱⁱ 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.

ⁱⁱⁱ 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](#).

^{iv} 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.

^v 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.

^{vi} 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.