



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).

Clorismia rustica (Panzer, [1804])

Southern Silver Stiletto-fly

1 General information

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

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	An existing `old` Priority Species, where factors that caused the original decline are still operating or the species population has not recovered to long term viability. This species has a restricted and localised distribution. It is confined to sandy riverbanks, possibly associated with scrubby vegetation. Work has begun to clarify species requirements and ecology.

4 Distribution by Country

England	Scotland	Wales	Northern Ireland	International Waters
Y		Y		

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	Advise landowners and managers of the presence of this species and the importance of beneficial management for its conservation, for example through site management agreements and ensure supply of larval habitat (loose and lightly vegetated sand close to large rivers that have eroding banks or sand deposits) at known sites. Maintain current flow regimes of winter flooding.	Species-specific prescriptive habitat action
2	Prevent the removal of sandy sediment from rivers and river banks for aggregate and the deepening and canalisation of water courses at or close to known sites for this species.	Wider "landscape" action
3	Autecology of species needs further research and conversion to management recommendations.	Species-specific research
4	Monitoring to ensure river management is not affecting this species adversely. Additional site surveys needed to define range more accurately.	Species-specific monitoring/survey
5	Prevent reductions in river flow as a result of water abstraction close to known or historic sites.	Wider "landscape" action
6	Promote this species and the conservation issues associated with this habitat. This should be achieved through articles within appropriate journals, as well as by a publicity leaflet.	Wider "landscape" action

8 Additional information from specialists^{iv}

Attribute	Value
NBN current scientific name	Clorismia rustica
NBN common name	Southern Silver Stiletto-fly
classification level 1	Terrestrial invertebrates
classification level 2	fly
Crit 1 Global threat	Not known
Crit 1 European threat	Not known
Crit 1 Supporting info	
Crit 2 % of global pop	Not known
Crit 2 % of European popn	Not known
Crit 2 % of int population Supporting info	Insufficient records to allow estimation
Crit 2 Decline %	
Crit 2 Decline no of years	
Crit 2 Decline dates	
Crit 2 declines supporting info	Insufficient records to allow estimation.
Crit 3 Decline %	

Crit 3 Decline no of years	
Crit 3 Decline dates	
Crit 3 supporting info	Insufficient records to allow estimation.
Crit 4 other important factors	This species has a restricted and localised distribution. It is confined to sandy riverbanks, possibly associated with scrubby vegetation. Work has begun to clarify species requirements and ecology.
Sources	Skidmore, P. The status of Clorismia rustica in the valleys of the Usk & Monnow in 2000. CCW Contract Science Report 427 Drake, C.M. Autecology of the immature stage of the stiletto fly Clorismia rustica in the valleys of the Usk and Monnow. CCW Contract Science Report 617
Quality	Work has started from a very limited baseline, but some progress has been made. Further information is required.
Criterion(existing bap species)	4

10 Species designations^v

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
Wales NERC S.42	Biodiversity Lists - Wales	Wales NERC S.42	Species “of principal importance for the purpose of conserving biodiversity” covered under Section 42 (Wales) 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.	2009	Natural Environment and Rural Communities Act 2006 - Species of Principal Importance in England (section 41) and Wales (section 42)	Geographic constraint=Listing is for Wales 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	2007	UK list of Priority Habitats and Species	status on former BAP list: Species Action Plan

			Action Plan (UK BAP).			
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 flies of Great Britain - Part 1 (Falk, S.J.)	pre 1994 IUCN criteria

UK BAP 2008 reporting^{vi}

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

11 General status

Country	Attribute	Value
England		
	Date	2008
	Status unknown	No
	Value	19
	Units	Occupied 10 km squares
	Accuracy	Partial survey
	Adequate data	Yes
	Data on NBN	Unknown
	Refer to LBAP data	No
	Edits made by reporting group	
Scotland		
	Date	2008
	Status unknown	No
	Value	2
	Units	Occupied 10 km squares
	Accuracy	Partial survey
	Adequate data	Yes
	Data on NBN	Unknown
	Refer to LBAP data	No
	Edits made by reporting group	

UK		
	Date	2008
	Status unknown	No
	Value	28
	Units	Occupied 10 km squares
	Accuracy	Partial survey
	Adequate data	Yes
	Data on NBN	Unknown
	Refer to LBAP data	No
	Edits made by reporting group	
Wales		
	Date	2008
	Status unknown	No
	Value	7
	Units	Occupied 10 km squares
	Accuracy	Partial survey
	Adequate data	Yes
	Data on NBN	Unknown
	Refer to LBAP data	No
	Edits made by reporting group	

7 Trends

Country	Attribute	Value
Wales		
	Date	2008
	Status unknown	No
	Trend	Fluctuating - probably stable

	Accuracy	Partial survey
	Adequate data	Yes
	Data on NBN	Unknown
	Refer to LBAP data	No
	Edits made by reporting group	
England		
	Date	2008
	Status unknown	No
	Trend	Fluctuating - probably stable
	Accuracy	Partial survey
	Adequate data	Yes
	Data on NBN	Unknown
	Refer to LBAP data	No
	Edits made by reporting group	
UK		
	Date	2008
	Status unknown	No
	Trend	Fluctuating - probably stable
	Accuracy	Partial survey
	Adequate data	Yes
	Data on NBN	Unknown
	Refer to LBAP data	No
	Edits made by reporting group	
Scotland		
	Date	2008

	Status unknown	No
	Trend	Fluctuating - probably stable
	Accuracy	Partial survey
	Adequate data	Yes
	Data on NBN	Unknown
	Refer to LBAP data	No
	Edits made by reporting group	

8 Successes

Success text	Success category 1	Success category 2	England	NI	Scotland	Wales	Edits by reporting group
Concerted survey effort has resulted in several new sites being discovered, including the first records for Scotland.	Research, survey and information	Other	Yes	No	Yes	Yes	

9 Threats

Threat category 1	Threat category 2	England	NI	Scotland	Wales	Edits made by reporting group
Habitat loss / degradation - freshwater	River/ in-channel engineering works	Yes	No	No	Yes	

Habitat loss / degradation - management practice	Inappropriate water channel / river bank management	Yes	No	No	Yes	
Global warming	Climate change	Yes	No	Yes	Yes	

15 Constraints

Rank	Constraint category 1	Constraint category 2	Constraint summary	England	NI	Scotland	Wales	Solution category	Solution summary
	No data entered			No	No	No	No	No data entered	

10 State of Knowledge

State of knowledge category	Notes	Edits made by reporting group
Knowledge sufficient to make some impact, but more research needed		

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.