



## **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).

**Curimopsis nigrita (Palm, 1934)**

**Mire Pill Beetle**

**1 General information**

Level 1	Terrestrial invertebrates
Level 2	beetle
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	True	True

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

Criterion 1	
Criterion 2a	
Criterion 2b	
Criterion 3	Associated with a habitat which continues to decline in both quality and extent. Removal or destruction of habitat for peat extraction has reduced the potential area of habitat for the species by 80% on Hatfield Moors and around 30% on Thorne Moors since 1970. Land drainage and scrub encroachment are reducing the quality of remaining habitat.
Criterion 4	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)	3

less than or equal to 10)	
Units used for number of sites	10km squares

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

Action number	Action text	Reporting category
1	Appropriate site management needed at known sites. Associated with a habitat which continues to decline in both quality and extent. Removal or destruction of habitat for peat extraction has reduced the potential area of habitat for the species by 80% on Hatfield Moors and around 30% on Thorne Moors since 1970. Land drainage and scrub encroachment are reducing the quality of remaining habitat.	Species-specific monitoring/survey
2	Survey is needed to find any new sites, monitoring is needed to understand the status of the species at existing sites. These data are needed to allow reporting against success criteria.	Species-specific monitoring/survey

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

Attribute	Value
NBN current scientific name	Curimopsis nigrita
NBN common name	Mire Pill Beetle
classification level 1	Terrestrial invertebrates
classification level 2	beetle
Crit 1 European threat	In Europe its known distribution is restricted to southern Sweden, Denmark and northern parts of Germany and Poland.
Crit 2 % of int population Supporting info	unknown
Crit 3 Decline %	55
Crit 3 Decline no of years	30
Crit 3 Decline dates	1970-2000
Crit 3 supporting info	Associated with a habitat which continues to decline in both quality and extent. Removal or destruction of habitat for peat extraction has reduced the potential area of habitat for the species by 80% on Hatfield Moors and around 30% on Thorne Moors since 1970. Land drainage and scrub encroachment are reducing the quality of remaining habitat.
Crit 4 other important factors	Drainage and commercial peat extraction have greatly reduced what was the largest area of lowland peat bog remaining in England, and the threat persists. Awareness raising of the importance of peat bogs has helped preserve habitat – this species is a

	potential flagship for a threatened and declining habitat.
Quality	Poor – lack of information a problem for this species
Criterion(existing bap species)	0



## 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:EN	Red Listing based on pre 1994 IUCN guidelines	Endangered	Taxa in danger of extinction and whose survival is unlikely if the causal factors continue operating. Superseded by new IUCN categories in 1994, but still applicable to lists that have not been reviewed since 1994.	1992	A review of the scarce and threatened beetles of Great Britain Part 1 (Hyman, P.S. revised and updated by M.S. Parsons.)	pre 1994 IUCN criteria
WACA:Sch5_sect9.4a	Wildlife and	Schedule 5	Section 9.4 Animals which are	1992	Wildlife and	

	Countryside Act 1981	Section 9.4a	protected from intentional damage or destruction to any structure or place used for shelter or protection.		Countryside Act Schedules 1,5 and 8 (protected birds, animals and plants)	
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## UK BAP 2008 reporting<sup>vi</sup>

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

### 7 Successes

Success text	Success category 1	Success category 2	England	NI	Scotland	Wales	Edits by reporting group
No report received							Species for which no report was received

### 8 Threats

Threat category 1	Threat category 2	England	NI	Scotland	Wales	Edits made by reporting group
No report received	No report received					Species for which no report was received

## 15 Constraints

Rank	Constraint category 1	Constraint category 2	Constraint summary	England	NI	Scotland	Wales	Solution category	Solution summary
	No report received		No report received					No report received	

## 9 State of Knowledge

State of knowledge category	Notes	Edits made by reporting group
No report received		Species for which no report was received

## 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.