



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).

Cicadetta montana (Scopoli, 1772)

New Forest Cicada

1 General information

Level 1	Terrestrial invertebrates
Level 2	bug
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	True	True

3 Evidence for Criteriaⁱⁱ

Criterion 1	
Criterion 2a	
Criterion 2b	
Criterion 3	possible 100% decline over 45 years - equivalent to >50% over 25 years
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 , The species is declining and is a good 'indicator' for a declining group of species, a threatened habitat or conservation issue

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)	2
Units used for number	10km squares

of sites	
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6 Actions identified by expertsⁱⁱⁱ

Action number	Action text	Reporting category
1	Exploration of other potential sites with suitable habitat within the New Forest using high-performance sound detection equipment. Gather information from continental workers on survey/detection techniques, autecological requirements and possible habitat management. Detailed autecological monitoring (e.g. survey for nymphal turrets and egg scars on host plants) should only be undertaken when an extant population has been found. Evidence from continental workers suggests that this species is characterised by transient local populations that track habitat patches as they become suitable, with considerable mobility between sites. Long-term persistence at a single site may therefore be the exception rather than the rule. This makes it important to widen the geographical search for this species beyond the historical sites. Further detailed research or management at historical sites should be suspended until an extant population is confirmed.	Species-specific research
2	Survey is needed to find any new sites.	Species-specific monitoring/survey

8 Additional information from specialists^{iv}

Attribute	Value
NBN current scientific name	Cicadetta montana
NBN common name	New Forest Cicada
classification level 1	Terrestrial invertebrates
classification level 2	bug
Crit 1 Global threat	Not assessed
Crit 1 European threat	Not known
Crit 1 Supporting info	EN in German Red List (Remane et al., 1998); Vin Red List for one Austrian region (Holzinger, 1999); Scattered distribution across Europe (Nast, 1972).
Crit 2 % of global pop	Not assessed
Crit 2 % of European popn	Not assessed
Crit 2 % of int population Supporting info	
Crit 2 Decline %	
Crit 2 Decline no of years	

Crit 2 Decline dates	
Crit 2 declines supporting info	
Crit 3 Decline %	100?
Crit 3 Decline no of years	45
Crit 3 Decline dates	1962-present
Crit 3 supporting info	Long term monitoring at two New Forest sites since 1962. Peak of 100 singing males at one site in 1962. Steady decline since then, with occasional peaks that may reflect a periodic (8-year?) cycle. Evidence of singing males at one site up to mid-1990s; no records (of adults or nymphal `turrets`) since 1994.
Crit 4 other important factors	Only UK representative species of a group of insects (Cicadas) associated with warmer climates. `Charismatic` species that could be used to demonstrate vulnerability of species at the northern edge of their range in the UK. If extant in the UK, the species is likely to occur at only a small number of sites within a restricted geographical area.
Sources	(i) Auchenorrhyncha Recording Scheme database. (ii) Holzinger, W.E. (1999) Rote Liste der Zikaden Kärntens (Insecta: Auchenorrhyncha). Naturschutz in Kärnten 15: 425-450. (iii) Kirby, P. (1992) A review of the scarce and threatened Hemiptera of Great Britain. Joint Nature Conservation Committee, Peterborough. (iv) Nast, J. (1972) Palaearctic Auchenorrhyncha (Homoptera). Polish Scientific Publishers, Warsaw. (v) Pinchen, B.J. & Ward, L.K. (2002) History, ecology and conservation of the New Forest Cicada. British Wildlife 13: 258-266. (vi) Remane, R., Achtziger, R., Fröhlich, W. Nickel, H. & Witsack, W. (1998) Rote Liste der Zikaden (Homoptera, Auchenorrhyncha). In: Binot, M., Bless, R., Boye, P., Gruttke, H. & Pretscher, P. (eds.): Rote Liste gefährdeter Tiere Deutschlands. Schriftenreihe für Landschaftspflege und Naturschutz 55: 243-249. (vii) Stewart, A.J.A. (2003) Auchenorrhyncha – Leafhoppers, Planthoppers, Froghoppers, Treehoppers and Cicadas. In: Managing Priority Habitats for Invertebrates, Volume 3. Buglife/DEFRA.
Quality	Good; continuous monitoring for c.50 years at one site, including searching for singing adults, monitoring of `turrets` (emergence chambers on soil surface) and egg-deposition

	scars on woody tissue of host plants.
Criterion(existing bap species)	3,4

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
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	1992	A review of the scarce and threatened Hemiptera of Great Britain (Kirby, P.)	pre 1994 IUCN criteria

			1994, but still applicable to lists that have not been reviewed since 1994.			
WACA:Sch5_sect9.1(kill/injuring)	Wildlife and Countryside Act 1981	Schedule 5 Section 9.1 (killing/injuring)	Section 9.1. Animals which are protected from intentional killing or injuring.	1988	Wildlife and Countryside Act Schedules 1,5 and 8 (protected birds, animals and plants)	
WACA:Sch5_sect9.1(taking)	Wildlife and Countryside Act 1981	Schedule 5 Section 9.1 (taking)	Section 9.1 Animals which are protected from taking.	1988	Wildlife and Countryside Act Schedules 1,5 and 8 (protected birds, animals and plants)	
WACA:Sch5_sect9.2	Wildlife and Countryside Act 1981	Schedule 5 Section 9.2	Section 9.2 Animals which are protected from being possessed or controlled (live or dead).	1988	Wildlife and Countryside Act Schedules 1,5 and 8 (protected birds, animals and plants)	
WACA:Sch5_sect9.4a	Wildlife and Countryside Act 1981	Schedule 5 Section 9.4a	Section 9.4 Animals which are protected from intentional damage or destruction to any structure or place used for shelter or protection.	1988	Wildlife and Countryside Act Schedules 1,5 and 8 (protected birds, animals and plants)	

WACA:Sch5_sect9.4b	Wildlife and Countryside Act 1981	Schedule 5 Section 9.4b	Section 9.4 Animals which are protected from intentional disturbance while occupying a structure or place used for shelter or protection.	1988	Wildlife and Countryside Act Schedules 1,5 and 8 (protected birds, animals and plants)	
WACA:Sch5Sect9.4c	Wildlife and Countryside Act 1981	Schedule 5 Section 9.4c	Animals which are protected from their access to any structure or place which they use for shelter or protection being obstructed.	2007	Wildlife and Countryside Act Schedules 1,5 and 8 (protected birds, animals and plants)	Geographic constraint=Does not apply to Scotland
WACA:Sch5_sect9.5a	Wildlife and Countryside Act 1981	Schedule 5 Section 9.5a	Section 9.5 Animals which are protected from being sold, offered for sale or being held or transported for sale either live or dead, whole or part.	1988	Wildlife and Countryside Act Schedules 1,5 and 8 (protected birds, animals and plants)	
WACA:Sch5_sect9.5b	Wildlife and Countryside Act 1981	Schedule 5 Section 9.5b	Section 9.5 Animals which are protected from being published or advertised as being for sale.	1988	Wildlife and Countryside Act Schedules 1,5 and 8 (protected birds, animals and plants)	

UK BAP 2008 reporting^{vi}

(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

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.