



## **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).

**Pachycordyle navis (Millard, 1959)**

**Brackish Hydroid**

**1 General information**

Level 1	Marine species
Level 2	cnidarian
On 1997 UK BAP list	Statement

**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	Individuals were recorded in 1983,1985 & 1987. In 1990 was reported to be abundant & was also recorded in the 1993 survey. In 1997 survey there were no records of C. navis.
Criterion 4	Existing `old` BAP species where population is not viable (note: was previously BAP listed as Clavopsella navis - brackish hydroid). Nationally scarce: More abundant and widespread in the past and not viable now.

**4 Distribution by Country**

England	Scotland	Wales	Northern Ireland	International Waters
Y	N	N	N	

**5 Distribution Information**

Distribution data source	Stage 1 information
Distribution data notes	Recorded only from Widewater lagoon in Sussex. May be non-native. Info on geo distribution added June 2007
number of sites (where	1

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

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

Action number	Action text	Reporting category
1	Competent authorities to prevent deterioration to the habitat of this species.i.e. protect lagoon habitats. Sublittoral sediment: Saline lagoons	Priority habitat action
2	Monitor populations at examples of existing locations and take appropriate measurements to identify possible reasons for change.	Species-specific monitoring/survey
3	Where new observations for the presence of this species are recorded, prevent habitat deterioration through, for example, implementation of management measure(s) or creation of legislation.	Species-specific management action
4	Undertake molecular studies to establish if species native or not.	Species-specific research

## 7 Signpost to Priority Habitat<sup>iv</sup>

Priority Habitat Name
Sublittoral sediment: Saline lagoons

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

Attribute	Value
NBN current scientific name	Pachycordyle navis
NBN common name	Brackish Hydroid
classification level 1	Marine species
classification level 2	cnidarian
MayResp_threat007 criteriawords	Threat,Decl,Other
Global importance	Noted in Germany, Azores and South Africa
Regional importance	Less than 30%
% of European pop in UK	Less than 30%
Global/European IUCN category	NE
Names of European countries where red listed	None listed as has yet to be evaluated
Confidence in data/opinion1	low
Distribution	Only 1 known location-Widewater lagoon, West Sussex, England. Is considered to be nationally and internationally rare.
Sources of information1	(UK Biodiversity Group Tranche 2 Action Plans 1999), (Eno et al. 1997)
Quantity and quality of information1	quantity medium, quality medium
Supporting /additional information1	Not native to the UK, probably transported on ships' hulls.
Latest UK status estimate	Rare - occurring in less than 9 squares
Units of measurement	10 x 10 km squares
Confidence in data/opinion2	medium

Justification for response2	Only 1 known location-Widewater lagoon, West Sussex, England.
Sources of information2	(NBN Gateway), (UK Biodiversity Group Tranche 2 Action Plans 1999)
Quantity and quality of information2	quantity low, quality high
Start date (year)	1973
End date (year)	1997
Decline over observed how many years?	24 years
Has a decline been observed?	yes
Confidence in data/opinion	medium
Declined by 25% or more over the past 25 years?	yes
Decline25Conf	low
Declined by 50% or more over the past 25 years?	yes
Decline50Conf	low
Evidence for decline in quality	Individuals were recorded in 1983,1985 & 1987. In 1990 was reported to be abundant & was also recorded in the 1993 survey. In 1997 survey there were no records of C. navis.
Sources of information3	(UK Biodiversity Group Tranche 2 Action Plans 1999)
Quantity and quality of information3	quantity low, quality medium
Supporting /additional information3	Evidence for decline in water quality, may be locally extinct.
Is there evidence for threat of decline?	yes
Confidence in data/opinion3	medium
Long-lived, vulnerable and low recovery	not assessed
Action not taken species likely to become extinct in the next 10	insufficient data
Nationally scarce	yes
Provides habitat/food source for an established proposed BAP	not assessed
Declining and a good indicator	not assessed
More abundant and widespread in the past and not viable now	yes
Threatened globally or in the European Sea	yes
Confidence in data/opinion4	low
Evidence for threat of decline in extent	Population threatened by decrease in water quality.
Sources of information4	(UK Biodiversity Group Tranche 2 Action Plans 1999)
Quantity and quality of information4	quantity low, quality medium
Supporting additional information4	Considered as rare nationally & internationally
1 International Threat	yes
2 International responsibility & moderate decline in the UK	no

3 Marked decline in the UK	yes
41 It is predicted that the species will decline by 50% in a cur	insufficient data
42 Extreme threat and long-lived, low recovery potential; specie	insufficient data
43 Extreme threat, species declining and 'indicator' that repres	insufficient data
44 Extreme threat, once more abundant and widespread and populat	yes
45 Extreme threat and threatened internationally, UK could beco	insufficient data
criterion4	y



## 10 Species designations<sup>vi</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: Statement
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.	1998	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.	1998	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).	1998	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.	1998	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.	1998	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	2007	Wildlife and Countryside Act Schedules 1,5 and 8	Geographic constraint=Does not apply to Scotland

			for shelter or protection being obstructed.		(protected birds, animals and plants)	
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.	1998	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.	1998	Wildlife and Countryside Act Schedules 1,5 and 8 (protected birds, animals and plants)	

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

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

### ENDNOTES

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<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> Where a species action is clearly linked to a BAP priority habitat, the name of the relevant habitat or habitats was identified by the stage 2 expert group.

<sup>v</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>vi</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>vii</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.