



UK priority species pages – Version 2

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To find out more about JNCC visit <http://www.jncc.gov.uk/page-1729>

SPECIES PAGES FOR 2007 UK BAP PRIORITY SPECIES

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

Damasonium alisma Mill.

Starfruit

1 General information

Level 1	Vascular plants
Level 2	vascular plant
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	threat:CR criteria: C2a(i) Existing BAP species Factors causing decline still operating.

4 Distribution by Country

England	Scotland	Wales	Northern Ireland	International Waters
Y	N	N	N	

5 Distribution Information

Distribution data source	BAP 2005 reporting
Distribution data notes	
number of sites (where less than or equal to 10)	7
Units used for number of sites	Site(s) / population(s)

6 Actions identified by expertsⁱⁱⁱ

Action number	Action text	Reporting category
1	Implement appropriate management regimes at all extant sites. Where possible introduce grazing, elsewhere carry out regular clearance work	Species-specific prescriptive habitat action
2	Investigate the feasibility of introducing the species at further sites	Species-specific research
3	Restore grazing at sites within core areas re-establish connectivity between individual sites and areas of suitable habitat to allow dispersal of species	Priority habitat action
4	Surveillance programme: monitor all known populations	Monitoring/survey

7 Signpost to Priority Habitat^{iv}

Priority Habitat Name
Heath: Lowland Heathland
Standing Open Water: Ponds

8 Additional information from specialists^v

Attribute	Value
NBN current scientific name	Damasonium alisma
NBN common name	Starfruit
classification level 1	Vascular plants
classification level 2	vascular plant
Factor	threat:CR criteria: C2a(i) Existing BAP species Factors causing decline still operating.
Crit4 satisfied (Yes/ No/ Unknown)	yes
1st source	The Vascular Plant Red Data List for Great Britain
2nd source	New Atlas of the British and Irish Flora

10 Species designations^{vi}

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_post2001:CR	Red listing based on 2001 IUCN guidelines	Critically Endangered	A taxon is Critically Endangered when it is facing an extremely high risk of extinction in the wild in the immediate future, as defined by any of the criteria A to E.	2005	The Vascular Plant Red Data List for Great Britain - 2006 Cheffings, C. and Farrell, L. (Editors) and A tool for assessing the current	

					conservation status of vascular plants on SSSIs in England: May 2006, ENRR 690 (Leach & Rusbridge)	
Status:NR	Rare and scarce species (not based on IUCN criteria)	Nationally rare	Occurring in 15 or fewer hectads in Great Britain. Excludes rare species qualifying under the main IUCN criteria.	2007	The Vascular Plant Red Data List for Great Britain - 2006 Cheffings, C. and Farrell, L. (Editors) and A tool for assessing the current conservation status of vascular plants on SSSIs in England: May 2006, ENRR 690 (Leach & Rusbridge)	
WACA:Sch8	Wildlife and Countryside Act 1981	Schedule 8	Plants which are protected from: intentional picking, uprooting or destruction (Section 13 1a); selling, offering for sale, possessing or transporting for the purpose of	1981	Wildlife and Countryside Act Schedules 1,5 and 8 (protected birds, animals	

			sale (live or dead, part or derivative) (Section 13 2a); advertising (any of these) for buying or selling (Section 13 2b).		and plants)	
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UK BAP 2008 reporting^{vii}

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

11 General status

Country	Attribute	Value
UK		
	Date	2008
	Status unknown	No
	Value	7
	Units	Site(s) / population(s)
	Accuracy	Sample or full survey
	Adequate data	Yes
	Data on NBN	Unknown
	Refer to LBAP data	No
	Data source / comments	Plantlife database
	Edits made by reporting group	
England		
	Date	2008
	Status unknown	No
	Value	7
	Units	Site(s) / population(s)
	Accuracy	Sample or full survey
	Adequate data	Yes
	Data on NBN	Unknown
	Refer to LBAP data	No

	Data source / comments	Plantlife database
	Edits made by reporting group	

8 Trends

Country	Attribute	Value
UK		
	Date	2008
	Status unknown	No
	Trend	Declining (continuing/accelerating)
	Accuracy	Sample or full survey
	Adequate data	Yes
	Data on NBN	No
	Refer to LBAP data	No
	Data source / comments	Plantlife database
	Edits made by reporting group	
England		
	Date	2008
	Status unknown	No
	Trend	Declining (continuing/accelerating)
	Accuracy	Sample or full survey
	Adequate data	Yes
	Data on NBN	Unknown
	Refer to LBAP data	No
	Data source / comments	Plantlife database

	Edits made by reporting group	
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9 Successes

Success text	Success category 1	Success category 2	England	NI	Scotland	Wales	Edits by reporting group
Not elaborated by Lead Partner	Species and habitat management	Habitat creation / restoration - achieved	Yes	No	No	No	
Not elaborated by Lead Partner	Research, survey and information	Data access/exchange - achieved or started	Yes	No	No	No	
Not elaborated by Lead Partner	Research, survey and information	Monitoring surveys underway	Yes	No	No	No	
Not elaborated by Lead Partner	Partnership	Local authority involvement	Yes	No	No	No	

10 Threats

Threat category 1	Threat category 2	England	NI	Scotland	Wales	Edits made by reporting group
Habitat loss / degradation - drainage/abstraction	Water abstraction (ground water)	Yes	No	No	No	
Habitat loss / degradation - management practice	Demise of traditional practices	Yes	No	No	No	
Habitat loss / degradation - management practice	Inappropriate heathland management	Yes	No	No	No	
Habitat loss / degradation - succession	Natural succession	Yes	No	No	No	
Intrinsic Factors	Low population density / size	Yes	No	No	No	
Intrinsic Factors	Natural fluctuations	Yes	No	No	No	

Intrinsic Factors	Restricted range	Yes	No	No	No	
Invasive/non-native species	Competition	Yes	No	No	No	

15 Constraints

Rank	Constraint category 1	Constraint category 2	Constraint summary	England	NI	Scotland	Wales	Solution category	Solution summary
1	Species and habitat management	Species intrinsic factors make management difficult		Yes	No	No	No		
2	Species and habitat management	Habitat quality declining	The quality of most of the ponds where Starfruit occurs is declining over time without significant management. In addition introduced noxious plants are causing further complications.	Yes	No	No	No	Management	

2	Species and habitat management	Conflict with other uses		Yes	No	No	No	Communication/publicity	Communication/publicity
2	Species and habitat management	Species introductions unsuccessful		Yes	No	No	No		
2	Species and habitat management	Grazing regime - causing problems	Lack of grazing reduces the potential for longterm sustainable management	Yes	No	No	No		
4	Funding and incentives	General lack of resources		Yes	No	No	No	Funding, resources and incentive schemes	All management works are relatively capital intensive
4	Communication	Lack of awareness / poor profile among general public		Yes	No	No	No	Communication/publicity	Lack of awareness has caused problems while carrying out restoration work, particularly on Commons with high amenity value

11 State of Knowledge

State of knowledge category	Notes	Edits made by reporting group
Knowledge sufficient to effectively deliver the plan targets	There have been many well-documented re-introductions of this species which have taught us much about the best way in which to carry out this work. Due to the small population sizes and their high level of isolation this will always be a species vulnerable to stochastic events, and although several sites are now being better	

	managed for this species the outlook remains uncertain.	
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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} 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.

^v 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.

^{vi} 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.

^{vii} 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.