

Grouped plan for river shingle beetles ()

Full report outputted on the 31/07/2003 09:03:00

1. Status of the habitat / species

Please give your most accurate assessment of the status of your species or habitat for the UK and for each country. Leave the row blank where the species or habitat does not occur in that country.

	Amount:	Units:	Year:	Accuracy:	Reference for data:
UK	25	Occupied 10 km sq.	2002	Best guess	EN Invertebrate site register, post 1980 records + more recent records
E	12	Occupied 10 km sq.	2002	Best guess	EN Invertebrate site register, post 1980 records + more recent records
NI					

S	2	Occupied 10 km sq.	2002	Best guess	EN Invertebrate site register, post 1980 records + more recent records
W	11	Occupied 10 km sq.	2002	Best guess	EN Invertebrate site register, post 1980 records + more recent records

Information originally entered by Anna Dunstan on 30 December 2002

2. Trend in Biological Status

Please give your best estimate of the current trend for your species or habitat for the UK, and each appropriate country, using the following categories. Please give an estimate unless there is absolutely no information on which to assess status.

	Trend:	Accuracy:	Reference for data:
UK	Not known	Best guess	
E	Not known	Best guess	
NI	Not known	Best guess	

S	<input type="text" value="Not known"/>	<input type="text" value="Best guess"/>	<input type="text"/>
W	<input type="text" value="Not known"/>	<input type="text" value="Best guess"/>	<input type="text"/>

Information originally entered by Anna Dunstan on 30 December 2002

3. Status of knowledge

To what extent is our scientific knowledge of the habitat / species (e.g research information, autecological knowledge, knowledge for effective re-introduction or habitat restoration/re-creation) sufficient to deliver the plan targets?

Please give an assessment for the UK overall but if there is significant difference in knowledge between different countries this should be noted.

Status of knowledge:	<input type="text" value="Knowledge insufficient and no suitable research programme in place."/>
-----------------------------	--

Notes:

Perileptus aereolatus and Linychus quadrillum appear to have been found more frequently with greater sampling effort. Bembidion testaceum, Thinobius new beryi and Meotica anglica appear to be under-recorded due to difficulties in capturing and identifying these species. Numbers of records for all the river shingle species are too few to identify trends in the status of the species. There is significantly more knowledge about the river shingle beetles of Wales than in the other countries due to the work of CCW.

To achieve the plan targets; autecological research is needed for each species but especially for Bembidion testaceum, Thinobius new beryi and Meotica anglica and an extensive survey is required to identify all of the catchments currently occupied by the species.

Information originally entered by Anna Dunstan on 30 December 2002

4. Progress on targets

Each of the revised targets from the 2001 Targets Review is listed below.

For each one please give a qualitative assessment of progress for the UK and each country. You can also enter quantitative information on progress by entering data in each of the target boxes and entering the current amount in the amount box. For more information see Help.

T1: Maintain viable populations within each of the catchments currently occupied by these species.

Target start date:

1995

Target end date: Ongoing

Target units: Sites/ Populations

	Progress	Target	Current	Accuracy	Monitoring
UK	Unknown				
E	Unknown				
NI	Unknown				
S	Unknown				
W	Unknown				

T2: Enhance populations at selected sites by 2010.

Target start date: 1995

Target end date: 2010

Target units: Sites/ Populations

	Progress	Target	Current	Accuracy	Monitoring
UK	No progress				
E	No progress				
NI					
S	No progress				
W	No progress				

Information originally entered by Anna Dunstan on 30 December 2002

5. Current factors affecting the habitat

When your plan was published the factors (threats) that were thought to be causing loss or decline were listed (in section 2). Re-assessing the current situation may help prioritise actions for your species or habitat. In addition, this enables identification of the main threats to biodiversity across all plans. It is useful to assess whether the importance of different factors is changing and whether there are new issues emerging.

The threat section from the original plan is duplicated below, and a first attempt at categorising the threats has been made. Please confirm that you agree with the categorisation of the original threats identified in the plan (by deleting any wrongly categorised threats and adding the correct category). Please also add to the list any significant threats that have emerged recently, being mindful of environmental issues that have increased in profile or been recognised since plan publication (e.g. climate change). Once you are happy that the list contains all the threats identified in the published plan together with any new ones, please rank them in order of severity (1= highest threat). If the situation has changed and one of the published threats is no longer significant, please leave this in the list but give this rank = 0.

Current factors affecting the habitat from the original publication:

- 2.1 River engineering, eg straightening, dredging, or grading of river banks.
- 2.2 Level regulation and control of flow by damming and flood alleviation schemes.
- 2.3 Livestock encroachment on riverside shingle and other river-bank features.
- 2.4 Water abstraction.
- 2.5 Agricultural improvement resulting in drainage and nutrient enrichment.
- 2.6 Land use changes and development (eg urban) that impinge on riparian habitats.
- 2.7 Colonisation of river banks by Himalayan balsam *Impatiens glandulifera* and other invasive plant species.

Keyworded factors:

To add factors click the add button, to delete factors check the delete box and then click the delete button.

Delete:	Rank:	Keyword:
<input type="checkbox"/>	2	Habitat loss / degradation - agriculture Tramping by livestock
<input type="checkbox"/>	10	Habitat loss / degradation - extraction/drainage Drainage (for agriculture)
<input type="checkbox"/>	4	Habitat loss / degradation - extraction/drainage Water abstraction (from water bodies)
<input type="checkbox"/>	5	Habitat loss / degradation - freshwater Dredging (freshwater)

- Habitat loss / degradation - freshwater | Flood defence (freshwater)
- Habitat loss / degradation - freshwater | River engineering works
- Habitat loss / degradation - infrastructure development | Housing infrastructure
- Habitat loss / degradation | Invasive alien species (directly impacting habitat)
- Pollution - freshwater | Agricultural (nutrient enrichment)
- Pollution - freshwater | Sediment

Information originally entered by Anna Dunstan on 30 December 2002

6. Constraints (optional)

Select the three most significant constraints to achieving the targets of the plan, and indicate the order of priority (1-3 with 1 being the most significant constraint). Only include constraints that are acting as a real blockage to delivering the plan targets or leading to a substantial delay in their delivery. For each constraint, please indicate whether you feel that it is within the ability of the lead partner or steering group to resolve the constraint.

Constraint 1:

Constraint keyword:

Research, survey and information | Autecology - poor know ledge

Country:

UK E NI S

W

Solution:

Solution type:

Commission autecology research - can resolve if funding available

Research

Able to resolve:

Constraint 2:

Constraint keyword:

Country:

Partnership | Statutory agency - lack of involvement

UK E NI S
 W

Solution:

Solution type:

EA / SEPA/ EN to allocate staff time/ money to BAP

Other

Able to resolve:

Constraint 3:

Constraint keyword:

Country:

Action plan process | UK Biodiversity Partnership - not useful

UK E NI S

W

Solution:

Solution type:

SAP not the most effective way to achieve conservation: HAP required urgently

Research

Able to resolve:

Information originally entered by Anna Dunstan on 30 December 2002

Information last changed by Anna Dunstan on 30 December 2002

7. Steering Group

Please list all organisations that are represented on the steering group for your species/habitat (include all organisations that have contributed either directly or by correspondence within the last 3 years). Where a steering group does not exist please leave this form blank.

To add organisations click the add button, to delete organisations check the delete box and then click the delete button.

Delete: Organisation:

Buglife

Countryside Council for Wales

English Nature

- Environment Agency
- Leicestershire Museums, Arts and Records Service
- Natural History Museum
- Scottish Environment Protection Agency
- Scottish Natural Heritage

Information originally entered by Anna Dunstan on 31 December 2002

8. Other Groups/Organisations

Please list any additional groups/organisations that are actively involved in implementing your action plan. (This is to try to assess which groups are involved where there is no steering group and any additional contributors). If you do not have any other organisations involved, click here.

To add organisations click the add button, to delete organisations check the delete box and then click the delete button.

9. Linkages to LBAPs

a) Which of the following most accurately describes your interaction with LBAPs, up to now?

Little or no contact with LBAPs.

b) If you have been in contact with LBAPs how was it initiated?

c) Irrespective of current contact, how important do you consider LBAP co-ordinated action will be in achieving the targets of the plan? Select from category:

d) If you consider LBAP action to be anything other than unimportant, which of the following forms of engagement do you think would be appropriate? (Note, you may tick more than one category.)

<input checked="" type="checkbox"/>	Indirect contact (e.g. posting information on UKBAP website, sharing work programmes, meeting schedules, articles in Biodiversity News, newsletter)
<input checked="" type="checkbox"/>	Provision of generic information on habitat and/or species (e.g. advice and guidance on habitat/species ecology and management)
<input checked="" type="checkbox"/>	Direct provision of advice (e.g. proactive approach to LBAP, response to consultations from LBAPs, advice on LBAP target setting)
<input checked="" type="checkbox"/>	Reciprocal attendance at meetings
<input checked="" type="checkbox"/>	Development of collaborative projects

Other (please specify):

Information originally entered by Anna Dunstan on 30 December 2002

>

10. Successes (optional)

Have there been key successes in the implementation of your plan that should be drawn to the attention of government, the wider BAP partnership, or the public? Please give a brief description (i.e. 2-3 sentences) of up to three successes and allocate a topic area to each of them:

Success 1:

Description:

Best practice guidance booklet has been produced for conservation professionals

Country:

UK E NI S W

Keyword:

Communication | Best practice guidance

Success 2:

Description:

Country:

Invertebrates of Exposed Riverine Sediments research programme now completed: Phase 1 was a desk study to assess the distribution and species compositions throughout England and Wales, Phase 2 produced a standard survey method and Phase 3 identified 'benchmark' communities.

UK E NI S W

Keyword:

Research, survey and information | Baseline survey - achieved or started

Success 3:

Description:

Country:

UK E NI S W

Keyword:

Information originally entered by Anna Dunstan on 30 December 2002

Information last changed by Anna Dunstan on 30 December 2002

Thankyou for answering the questions. You have not yet completed all of the questions. You can go back and answer the additional ones or edit the ones you have already answered whenever you want.

Sign-off:

When you have completed all of the questions that you are able to, you must sign off your reporting.

I agree that the steering group (if present) have agreed the information in this report and that the following contact point has also signed it off:

Contact point:	<input type="text"/>	email:	<input type="text"/>
Your name:	<input type="text"/>		
Date:	<input type="text"/>		
