

Luronium natans (Floating Water Plantain)

Full report outputted on the 31/07/2003 10:51:12

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	56	Occupied 10 km sq.		Partial or sample survey	Various, incl TPDB, National Atlas etc. Post 1980 only
E	21	Occupied 10 km sq.		Partial or sample survey	Various, incl TPDB, National Atlas etc. Post 1980 only
NI					

S	5	Occupied 10 km sq.		Partial or sample survey	Various, incl TPDB, National Atlas etc. Post 1980 only
W	30	Occupied 10 km sq.		Partial or sample survey	Various, incl TPDB, National Atlas etc. Post 1980 only

Information originally entered by Jonathan Briggs on Thursday, November 21, 2002
Information last changed by Jonathan Briggs on Monday, January 13, 2003

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	Fluctuating / No clear trend	Partial or sample survey	Various surveys, some finding new sites
E	Fluctuating / No clear trend	Partial or sample survey	Various surveys, some finding new sites
NI	Not applicable (does not occur in this country)		

S	Fluctuating / No clear trend	Partial or sample survey	Various surveys, some finding new sites
W	Fluctuating / No clear trend	Partial or sample survey	Various surveys, some finding new sites

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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:	Know ledge sufficient to make some impact, but more research needed.
Notes:	

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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 the present range.

Target start date: 1995

Target end date: ongoing

Target units: Sites/ Populations

	Progress	Target	Current	Accuracy	Monitoring
UK	Some progress (on schedule)			Partial or sample survey	Under active development
E	Some progress (on schedule)			Partial or sample survey	Under active development
NI	Not applicable				
S	Some progress (on schedule)			Partial or sample survey	Under active development
W	Some progress (on schedule)			Partial or sample survey	Under active development

T2: Where the potential exists, increase the size of individual populations .

Target start date: 1995

Target end date: ongoing

Target units: Sites/ Populations

	Progress	Target	Current	Accuracy	Monitoring
UK	Some progress (behind schedule)			Partial or sample survey	Under active development
E	Some progress (behind schedule)			Partial or sample survey	Under active development
NI	Unknown				
S	Unknown			Unknown	Under active development
W	Some progress (behind schedule)			Partial or sample survey	Under active development

T3: Restore populations to former sites.

Target start date: 1995

Target end date: ongoing

Target units: Sites/ Populations

	Progress	Target	Current	Accuracy	Monitoring
UK	Some progress (behind schedule) ▼	<input type="text"/>	<input type="text"/>	Informed guess ▼	Under consideration ▼
E	Some progress (behind schedule) ▼	<input type="text"/>	<input type="text"/>	Informed guess ▼	Under consideration ▼
NI	Not applicable ▼	<input type="text"/>	<input type="text"/>	<input type="text"/> ▼	<input type="text"/> ▼
S	Some progress (behind schedule) ▼	<input type="text"/>	<input type="text"/>	Informed guess ▼	Under consideration ▼
W	Some progress (behind schedule) ▼	<input type="text"/>	<input type="text"/>	Informed guess ▼	Under consideration ▼

T4: Extend the geographical range of the species.

Target start date:

Target end date:

Target units: ▼

	Progress	Target	Current	Accuracy	Monitoring
UK	Some progress (behind schedule) ▼	<input type="text"/>	<input type="text"/>	Informed guess ▼	Under consideration ▼

E	Some progress (behind schedule) ▼			Informed guess ▼	Under consideration ▼
NI	Not applicable ▼				
S	Unknown ▼			Informed guess ▼	
W	Some progress (behind schedule) ▼			Informed guess ▼	Under consideration ▼

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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 The main threat to canal populations is from the re-opening of waterways, with subsequent high levels of motorised recreational boat traffic. This can directly suppress growth of the plant through increased turbidity of the water.

2.2 Water acidification.

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 - freshwater Dredging (freshwater)
<input type="checkbox"/>	3	Habitat loss / degradation - freshwater River engineering works
<input type="checkbox"/>	3	Habitat loss / degradation - management practice Inappropriate ditch management
<input type="checkbox"/>	1	Habitat loss / degradation - management practice Inappropriate water channel / river bank management
<input type="checkbox"/>	1	Habitat loss / degradation - management practice Lack of disturbance
<input type="checkbox"/>	1	Habitat loss / degradation - management practice Neglect
<input type="checkbox"/>	1	Habitat loss / degradation Natural succession
<input type="checkbox"/>	1	Human disturbance Interference / displacement
<input type="checkbox"/>	3	Pollution - atmospheric Acid precipitation

<input type="checkbox"/>	<input type="text" value="2"/>	Pollution - freshwater Agricultural (nutrient enrichment)
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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:	Country:
<input type="text" value="Communication Best practice guidance - lack of"/>	<input checked="" type="checkbox"/> UK <input checked="" type="checkbox"/> E <input type="checkbox"/> NI <input checked="" type="checkbox"/> S
	<input checked="" type="checkbox"/> W
Solution:	Solution type:
<input type="text" value="Lead Partner/Steering group can progress this"/>	<input type="text" value="Communication / publicity"/>
Able to resolve:	<input checked="" type="checkbox"/>
Constraint 2:	

Constraint keyword:	Country:
Research, survey and information Monitoring surveys required	<input checked="" type="checkbox"/> UK <input checked="" type="checkbox"/> E <input type="checkbox"/> NI <input checked="" type="checkbox"/> S <input checked="" type="checkbox"/> W
Solution:	Solution type:
LP/Steering Group need to follow up successful surveys with monitoring - can do with funding/incentives	Research
Able to resolve:	<input checked="" type="checkbox"/>
Constraint 3:	
Constraint keyword:	Country:
Funding and incentives Species / habitat champion not found	<input checked="" type="checkbox"/> UK <input checked="" type="checkbox"/> E <input type="checkbox"/> NI <input checked="" type="checkbox"/> S <input checked="" type="checkbox"/> W
Solution:	Solution type:
General funding/incentives required - champion would provide focus for this - but seems unlikely to happen	Funding and incentive schemes
Able to resolve:	<input type="checkbox"/>

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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:
<input type="checkbox"/>	Biological Records Centre
<input type="checkbox"/>	Botanical Society of the British Isles
<input type="checkbox"/>	British Waterways
<input type="checkbox"/>	Countryside Council for Wales
<input type="checkbox"/>	English Nature
<input type="checkbox"/>	Environment Agency
<input type="checkbox"/>	National Museum of Wales
<input type="checkbox"/>	Plantlife

- Richard Lansdown
- Scottish Natural Heritage
- University of Hertfordshire
- University of Liverpool
- University of Liverpool Botanic Garden (Ness)
- University of Stirling
- University of Wales, Cardiff

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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?

By LBAP

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:

Important

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 type="checkbox"/>	Direct provision of advice (e.g. proactive approach to LBAP, response to consultations from LBAPs, advice on LBAP target setting)
<input type="checkbox"/>	Reciprocal attendance at meetings
<input checked="" type="checkbox"/>	Development of collaborative projects

Other (please specify):

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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:

Successful survey programmes from several Steering group members (CCW, EN, BW) - many new sites found/old sites re-found

Country:

UK E NI S W

Keyword:

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

Success 2:

Description:

Country:

Rescue/transplanting schemes in canal situations progressing well - on large scale (eg Rochdale) and smaller scale (eg Huddersfield Broad dredging)

UK E NI S W

Keyword:

Research, survey and information | Habitat creation/restoration techniques improved

Success 3:

Description:

European context researched by Steering Group members (Herts Uni, Richard Lansdown, EA & Life Rivers), Genetics studies begun and more planned

Country:

UK E NI S W

Keyword:

Research, survey and information | Genetics/taxonomy - studies completed or underway

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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"/>		
