

Limonium binervosum agg. ()

Full report outputted on the 31/07/2003 10:31:55

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	127	Occupied 10 km sq. ▼	1999	Full survey ▼	New Atlas of the British & Irish Flora
E	82	Occupied 10 km sq. ▼	1999	Full survey ▼	New Atlas of the British & Irish Flora
NI	1	Occupied 10 km sq. ▼	1999	Full survey ▼	New Atlas of the British & Irish Flora
S	1	Occupied 10 km sq. ▼	1999	Full survey ▼	New Atlas of the British & Irish Flora
W	43	Occupied 10 km sq. ▼	1999	Full survey ▼	New Atlas of the British & Irish Flora

Information originally entered by Alex Lockton on Saturday, October 19, 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	Stable	Full survey	New Atlas of the British & Irish Flora
E	Stable	Full survey	New Atlas of the British & Irish Flora
NI	Stable	Full survey	New Atlas of the British & Irish Flora
S	Stable	Full survey	New Atlas of the British & Irish Flora
W	Stable	Full survey	New Atlas of the British & Irish Flora

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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:

Further research is required into the taxonomic status of segregate taxa in this group. Work is also underway to 1) collate all available data on distribution of both the aggregate and all constituent species and subspecies; 2) carry out further field survey to locate new populations, and 3) to establish a monitoring programme for sites supporting key populations of particular taxa.

Information originally entered by Dr H J Harvey on Friday, October 18, 2002
Information last changed by Dr H J Harvey on Tuesday, December 17, 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 the range of *L. procerum*.

Target start date:

1998

Target end date:

Ongoing

Target units:

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

T2: Maintain the range of *L. britannicum*.

Target start date:

1998

Target end date:

Ongoing

Target units:

Progress

Target

Current

Accuracy

Monitoring

UK	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼
E	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼
NI	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼
S	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼
W	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼

T3: Maintain the range of L. dodartiforme

Target start date: 1998

Target end date: Ongoing

Target units: ▼

	Progress	Target	Current	Accuracy	Monitoring
UK	Target exceeded (survey success) ▼			Informed guess ▼	Under consideration ▼
E	Target exceeded (survey success) ▼			Informed guess ▼	Under consideration ▼

NI	Target exceeded (survey success) ▼			Informed guess ▼	Under consideration ▼
S	Target exceeded (survey success) ▼			Informed guess ▼	Under consideration ▼
W	Target exceeded (survey success) ▼			Informed guess ▼	Under consideration ▼

T4: Maintain the range of *L. loganicum*

Target start date:

Target end date:

Target units:

	Progress	Target	Current	Accuracy	Monitoring
UK	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼
E	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼
NI	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼
S	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼

W	Some progress (on schedule) ▾			Informed guess ▾	Under consideration ▾
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T5: Maintain the range of L. paradoxum

Target start date:

Target end date:

Target units:

	Progress	Target	Current	Accuracy	Monitoring
UK	Some progress (on schedule) ▾			Informed guess ▾	Under consideration ▾
E	Some progress (on schedule) ▾			Informed guess ▾	Under consideration ▾
NI	Some progress (on schedule) ▾			Informed guess ▾	Under consideration ▾
S	Some progress (on schedule) ▾			Informed guess ▾	Under consideration ▾
W	Some progress (on schedule) ▾			Informed guess ▾	Under consideration ▾

T6: Maintain the range of *L. parvum*

Target start date: 1998

Target end date: Ongoing

Target units:

	Progress	Target	Current	Accuracy	Monitoring
UK	Target exceeded (survey success) ▼	<input type="text"/>	<input type="text"/>	Informed guess ▼	Under consideration ▼
E	Target exceeded (survey success) ▼	<input type="text"/>	<input type="text"/>	Informed guess ▼	Under consideration ▼
NI	Target exceeded (survey success) ▼	<input type="text"/>	<input type="text"/>	Informed guess ▼	Under consideration ▼
S	Target exceeded (survey success) ▼	<input type="text"/>	<input type="text"/>	Informed guess ▼	Under consideration ▼
W	Target exceeded (survey success) ▼	<input type="text"/>	<input type="text"/>	Informed guess ▼	Under consideration ▼

T7: Maintain the range of *L. transwallianum*

Target start date: 1998

Target end date: Ongoing

Target units:

	Progress	Target	Current	Accuracy	Monitoring
UK	Some progress (on schedule) <input type="text"/>	<input type="text"/>	<input type="text"/>	Informed guess <input type="text"/>	Under consideration <input type="text"/>
E	Some progress (on schedule) <input type="text"/>	<input type="text"/>	<input type="text"/>	Informed guess <input type="text"/>	Under consideration <input type="text"/>
NI	Some progress (on schedule) <input type="text"/>	<input type="text"/>	<input type="text"/>	Informed guess <input type="text"/>	Under consideration <input type="text"/>
S	Some progress (on schedule) <input type="text"/>	<input type="text"/>	<input type="text"/>	Informed guess <input type="text"/>	Under consideration <input type="text"/>
W	Some progress (on schedule) <input type="text"/>	<input type="text"/>	<input type="text"/>	Informed guess <input type="text"/>	Under consideration <input type="text"/>

T8: Maintain the range of *L. recurvum* ssp. *recurvum*.

Target start date: 1998

Target end date: Ongoing

Target units:

	Progress	Target	Current	Accuracy	Monitoring
UK	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼
E	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼
NI	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼
S	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼
W	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼

T9: Maintain the range of *L. binervosum* ssp. *cantianum*

Target start date:

Target end date:

Target units:

	Progress	Target	Current	Accuracy	Monitoring
UK	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼

E	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼
NI	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼
S	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼
W	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼

T10: Maintain the range of *L. binervosum* ssp. *anglicum*

Target start date:	1998
Target end date:	Ongoing
Target units:	▼

	Progress	Target	Current	Accuracy	Monitoring
UK	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼
E	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼
NI	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼

S	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼
W	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼

T11: Maintain the range of *L. binervosum* ssp. *saxonicum*

Target start date:	1998
Target end date:	Ongoing
Target units:	▼

	Progress	Target	Current	Accuracy	Monitoring
UK	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼
E	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼
NI	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼
S	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼
W	Some progress (on schedule) ▼			Informed guess ▼	Under consideration ▼

T12: Maintain the range of *L. binervosum* ssp. mutatum

Target start date:

Target end date:

Target units:

	Progress	Target	Current	Accuracy	Monitoring
UK	Target exceeded (survey success) ▼	<input type="text"/>	<input type="text"/>	Partial or sample survey ▼	Under consideration ▼
E	Target exceeded (survey success) ▼	<input type="text"/>	<input type="text"/>	Partial or sample survey ▼	Under consideration ▼
NI	Target exceeded (survey success) ▼	<input type="text"/>	<input type="text"/>	Partial or sample survey ▼	Under consideration ▼
S	Target exceeded (survey success) ▼	<input type="text"/>	<input type="text"/>	Partial or sample survey ▼	Under consideration ▼
W	Target exceeded (survey success) ▼	<input type="text"/>	<input type="text"/>	Partial or sample survey ▼	Under consideration ▼

Information originally entered by Dr H J Harvey on Friday, October 18, 2002
Information last changed by Dr H J Harvey on 02 January 2003

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 It is possible that trampling of plants by rock climbers and tourists causes localised losses.

2.2 It has been suggested that residual effects of the Sea Empress oil spill may be affecting the performance of *L. parvum* in Pembrokeshire.

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"/>	3	Habitat loss / degradation - infrastructure development Coastal defence works
<input type="checkbox"/>	5	Human disturbance Trampling (physical damage)
<input type="checkbox"/>	1	Intrinsic Factors Low population density / size

<input type="checkbox"/>	<input type="text" value="2"/>	Intrinsic Factors Restricted range
<input type="checkbox"/>	<input type="text" value="4"/>	Pollution - atmospheric Global warming / sea-level rise
<input type="checkbox"/>	<input type="text" value="6"/>	Pollution - marine Oil slicks

Information originally entered by Dr H J Harvey on Friday, October 18, 2002
 Information last changed by Dr H J Harvey on Tuesday, December 17, 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:	Country:
Research, survey and information Genetics/taxonomy - poorly understood	<input checked="" type="checkbox"/> UK <input type="checkbox"/> E <input type="checkbox"/> NI <input type="checkbox"/> S <input type="checkbox"/> W
Solution:	Solution type:

Further research into taxonomic status required. This required from academic partners. Research currently underway.

Research

Able to resolve:

Constraint 2:

Constraint keyword:

Country:

Research, survey and information | Identification techniques - required

UK E NI S
 W

Solution:

Solution type:

The changing taxonomy makes field ID complex and ID keys liable to change or get outdated rapidly. As knowledge changes, this need to be imparted to botanical recording community effectively.

Communication / publicity

Able to resolve:

Constraint 3:

Constraint keyword:

Country:

Research, survey and information Skills transfer/training required		<input checked="" type="checkbox"/>	UK	<input type="checkbox"/>	E	<input type="checkbox"/>	NI	<input type="checkbox"/>	S
		<input type="checkbox"/>	W						
Solution:							Solution type:		
There a few people who can reliably ID these species. Training for botanical recorders is required. This also requires funding.							Funding and incentive schemes		
Able to resolve:							<input checked="" type="checkbox"/>		

Information originally entered by Dr H J Harvey on Friday, October 18, 2002
 Information last changed by Dr H J Harvey on Friday, October 25, 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:
<input type="checkbox"/>	Birkbeck College, London

<input type="checkbox"/>	Botanical Society of the British Isles
<input type="checkbox"/>	Countryside Council for Wales
<input type="checkbox"/>	English Nature
<input type="checkbox"/>	National Trust
<input type="checkbox"/>	Scottish Natural Heritage

Information originally entered by Dr H J Harvey on Friday, October 25, 2002
Information last changed by Dr H J Harvey on Wednesday, December 11, 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.

Delete:	Organisation:
<input type="checkbox"/>	Royal Botanic Gardens, Kew

Information originally entered by Dr H J Harvey on Friday, October 25, 2002
Information last changed by Dr H J Harvey on Wednesday, December 11, 2002

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:

Slightly 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.)

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

Development of collaborative projects

Other (please specify):

Information originally entered by Dr H J Harvey on Friday, October 25, 2002

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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:

Country:

On 20th July 2002 the Steering Group ran a workshop for NT staff, EN staff, BSBI recorders and local recorders, who are based within the range of Limonium. The workshop, lead by Dr Martin Ingrouille, provided an introduction to the taxonomy, field ID and ecology and conservation of the species. Future survey and monitoring needs were also discussed. The workshop was well attended and of great use to all participants.

UK E NI S W

Keyword:

Research, survey and information | Successful skills transfer/training

Success 2:

Description:

Funding acquired by Birkbeck College for PhD study into genetics of Rock Sea Lavenders. We now have a network of people prepared to collect material for genetics work. This can be expected to grow once survey and monitoring programme properly underway.

Country:

UK E NI S W

Keyword:

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

Success 3:

Description:

Funding obtained to commission botanical illustrations of Rock Sea lavenders in order to aid ID. We now have a network of people prepared to collect material for the illustrations work. This can be expected to grow once survey and monitoring programme properly underway.

Country:

UK E NI S W

Keyword:

Funding and incentives | Other



Information originally entered by Dr H J Harvey on Friday, October 25, 2002

Information last changed by Dr H J Harvey on Tuesday, December 17, 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:

Simon Leach

email:

simon.leach@

Your name:

Joanne

Date:

23/12/02
