

Leptopsammia pruvoti (Sunset Cup Coral)

Full report outputted on the 31/07/2003 10:23:55

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	<input type="text"/>	Sites/ Populations	<input type="text"/>	Partial or sample survey	Keith Hiscock pers,comm Only 4 sites are known in England
E	<input type="text"/>	Sites/ Populations	<input type="text"/>	Partial or sample survey	Keith Hiscock pers,comm Only 4 sites are known in England
NI	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
S	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
W	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Information originally entered by Joan Edwards on Wednesday, November 20, 2002

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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	Declining (slow ing) ▼	Partial or sample survey ▼	Keith hiscock pers.comm
E	Declining (slow ing) ▼	Partial or sample survey ▼	
NI	Not applicable (does not occur in this country) ▼	▼	
S	Not applicable (does not occur in this country) ▼	▼	
W	Not applicable (does not occur in this country) ▼	▼	

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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 insufficient and no suitable research programme in place. ▼
Notes:	<div style="border: 1px solid gray; padding: 5px;"><p>Keith Hiscock Marine Biological Ass. is the lead expert on this spp. He has applied for funds form NERC to expand his w ork but was not successful. The majority of his w ork is carried out on a voluntary basis. His observations suggest L.pruvoti is in decline. He is currently carrying out year by year observations of the sar population at Lundy and more general observations off PLymouth. He has also investigated radio carbon dating.</p></div>

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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 distribution of known viable populations and those identified by the 2004 baseline.

Target start date:

Target end date:

Target units:

	Progress	Target	Current	Accuracy	Monitoring
UK	<input type="text" value="Not applicable"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="Unknown"/>	<input type="text"/>
E	<input type="text" value="Some progress (behind schedule)"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="Unknown"/>	<input type="text" value="No"/>
NI	<input type="text" value="Not applicable"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="Unknown"/>	<input type="text"/>
S	<input type="text" value="Not applicable"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="Unknown"/>	<input type="text"/>
W	<input type="text" value="Not applicable"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="Unknown"/>	<input type="text" value="No"/>

T2: Maintain the size of known viable populations and those identified by the 2004 baseline.

Target start date:

Target end date:	2004				
Target units:	Sites/ Populations ▼				
	Progress	Target	Current	Accuracy	Monitoring
UK	No progress ▼				
E	No progress ▼				
NI					
S					
W	No progress ▼				

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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 There are several possible reasons why sunset cup coral has a restricted distribution and is in decline. They are listed in a suggested priority order, but little observational or experimental work has been undertaken to establish either status or decline.
- 2.2 nbsp; Populations are at the northern limit of their distribution and may be a relic of a former, more extensive distribution approximately 700 years ago. They are now restricted to ideal locations.
- 2.3 Populations recruit extremely infrequently because of water temperature conditions being inadequate to allow production of gametes or gametes to be produced synchronously. However, viable larvae have been produced from individuals collected from Lundy and successfully placed in aquarium tanks on three occasions.
- 2.4 Adult populations decline because of lack of recruitment. This could be because larvae are swept away by tidal currents and fail to settle on suitable habitats or are consumed by attached carnivorous animals before they settle.
- 2.5 Non-recruiting populations decline because of weakening of the skeleton by boring organisms and subsequent detachment by such agents as foraging wrasse or divers finning.
- 2.6 Recruitment into populations may occur from distant sources such as populations to the south in continental Europe and only when appropriate water bodies move into south-west England. There is evidence that this sort of movement of water bodies might occur every 25-30 years.

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"/>	0	Changes in native species dynamics Predation
<input type="checkbox"/>	0	Human disturbance Watersports / fishing
<input type="checkbox"/>	1	Intrinsic Factors Low population density / size
<input type="checkbox"/>	1	Intrinsic Factors Restricted range
<input type="checkbox"/>	0	Invasive/non-native species (directly affecting species) Competition
<input type="checkbox"/>	0	Pollution - atmospheric Global warming / sea-level rise

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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:	Country:
Constraint keyword: Partnership Research institutions - lack of engagement	<input type="checkbox"/> UK <input checked="" type="checkbox"/> E <input type="checkbox"/> NI <input type="checkbox"/> S

W

Solution:

Solution type:

Research grant need to be made available for work on this species

Funding and incentive schemes

Able to resolve:

Constraint 2:

Constraint keyword:

Country:

Action plan process | Unrealistic timescale for targets

UK E NI S
 W

Solution:

Solution type:

A funded monitoring (long term) needs to be established

Survey / monitoring

Able to resolve:

Constraint 3:

Constraint keyword:

Country:

Research, survey and information | Species is difficult to find or survey

UK E NI S

W

Solution:

Solution type:

restricted distribution - access limited because of depth

Able to resolve:

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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:

Countryside Council for Wales

Devon Wildlife Trust

English Nature

- Marine Biological association
- Marine Conservation Society
- National Marine Aquarium
- Scottish Natural Heritage
- World Wide Fund for Nature

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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:

Unimportant

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):

>

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:

UK E NI S W

Keyword:

Success 2:

Description:

Country:

UK E NI S W

Keyword:

Success 3:

Description:	Country:
<input type="text"/>	<input type="checkbox"/> UK <input type="checkbox"/> E <input type="checkbox"/> NI <input type="checkbox"/> S <input type="checkbox"/> W
Keyword:	
<input type="text"/>	

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"/>	