

# *Cladonia mediterranea* (Reindeer Lichen)

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## 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 | 3       | Sites/ Populations |       |                          | See below  |
| E  | 3       | Sites/ Populations | 2001  | Partial or sample survey | Edwards, B. 2001. The current status of <i>Cladonia mediterranea</i> Duvign. & des Abb. in the British Isles |
| NI |         |                    |       |                          |  |
| S  |         |                    |       |                          |  |
| W  |         |                    |       |                          |  |

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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: |
|-----------|----------------------------|-----------|---------------------|
| <b>UK</b> | Not known                  |           |                     |
| <b>E</b>  | Not known                  |           |                     |
| <b>NI</b> |                            |           |                     |
| <b>S</b>  |                            |           |                     |
| <b>W</b>  | Lost (pre BAP publication) |           |                     |

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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.

|                             |  |
|-----------------------------|--|
| <b>Status of knowledge:</b> | Know ledge sufficient to make some impact, but more research needed. ▼   |
| <b>Notes:</b>               | A taxonomic investigation of british material has recently confirmed that it is 'true' cladonia mediterranea and not cladonia portentosa.<br>▲<br>▼<br>◀ ▶ |

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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.

|   |                      |
|---|----------------------|
| <b>T1: Maintain extant populations of this species, subject to taxonomic confirmation at each site.</b> |                      |
| <b>Target start date:</b>   | 1998                 |
| <b>Target end date:</b>   | Ongoing              |
| <b>Target units:</b>  | 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 | ▼                             |        |         | ▼                          | ▼                          |
| S  | ▼                             |        |         | ▼                          | ▼                          |
| W  | ▼                             |        |         | ▼                          | ▼                          |

**T2: Where biologically feasible and appropriate enhance extant populations of this species, subject to taxonomic confirmation at each site.**

Target start date:

Target end date:

Target units:

| Progress | Target | Current | Accuracy | Monitoring |
|----------|--------|---------|----------|------------|
|----------|--------|---------|----------|------------|

|           |                               |  |  |                            |                            |
|-----------|-------------------------------|--|--|----------------------------|----------------------------|
| <b>UK</b> | Some progress (on schedule) ▼ |  |  | Partial or sample survey ▼ | Under active development ▼ |
| <b>E</b>  | Some progress (on schedule) ▼ |  |  | Partial or sample survey ▼ | Under active development ▼ |
| <b>NI</b> |                               |  |  |                            |                            |
| <b>S</b>  |                               |  |  |                            |                            |
| <b>W</b>  |                               |  |  |                            |                            |

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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 C. mediterranea is particularly vulnerable because of the small size of the extant populations. Potential threats include trampling by domestic livestock

and walkers, and moorland fires.

## 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"/> | 1     | Habitat loss / degradation - management practice   Fires |
| <input type="checkbox"/> | 2     | Human disturbance   Trampling (physical damage)          |
| <input type="checkbox"/> | 3     | Intrinsic Factors   Low population density / size        |

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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="checkbox"/> UK <input type="checkbox"/> E <input type="checkbox"/> NI <input type="checkbox"/> S |
|                            | <input type="checkbox"/> W  |
| <b>Solution:</b>           | <b>Solution type:</b>   |
|                            |   |
| <b>Able to resolve:</b>    | <input type="checkbox"/>  |
| <b>Constraint 2:</b>       |   |
| <b>Constraint keyword:</b> | <b>Country:</b>   |
|                            | <input type="checkbox"/> UK <input type="checkbox"/> E <input type="checkbox"/> NI <input type="checkbox"/> S |
|                            | <input type="checkbox"/> W  |
| <b>Solution:</b>           | <b>Solution type:</b>   |
|                            |   |
| <b>Able to resolve:</b>    | <input type="checkbox"/>  |
| <b>Constraint 3:</b>       |   |
| <b>Constraint keyword:</b> | <b>Country:</b>   |



| Delete:                  | Organisation:          |
|--------------------------|------------------------|
| <input type="checkbox"/> | British Lichen Society |
| <input type="checkbox"/> | English Nature         |
| <input type="checkbox"/> | National Trust         |
| <input type="checkbox"/> | Natural History Museum |
| <input type="checkbox"/> | Plantlife              |

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## 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):**

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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:

Taxonomic research (by NHM) has confirmed status of british material to be 'true' Cladonia mediterrenea rather than Cladonia portentosa

### Country:

UK  E  NI  S  W

### Keyword:

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

## Success 2:

### Description:

Beneficial management practices (introduction of grazing and creation of firebreaks) have been implemented at main sites, w hich should reduce the fire risk and help maintain the relative open conditions favoured by this species

### Country:

UK  E  NI  S  W

### Keyword:

Species and habitat management | Other

### Success 3:

Description:

Country:

UK  E  NI  S  W

Keyword:

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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:

|                       |                |               |                |
|-----------------------|----------------|---------------|----------------|
| <b>Contact point:</b> | English Nature | <b>email:</b> | peter.lambley@ |
| <b>Your name:</b>     | Jenny          |               |                |
| <b>Date:</b>          | 20.12.02       |               |                |