

Cumbria Biodiversity Action Plan

1. Species and habitat coverage

Please confirm the species and habitats (both UK BAP and local priorities) for which your LBAP has produced plans. To add species or habitats click the Add button, to delete items check the delete box and then click the Delete button.

| Delete: | Group: | Name: | Common name: |
|--------------------------|-------------------|---------------------------------------|--------------|
| <input type="checkbox"/> | Broad Habitats | Calcareous grassland | |
| <input type="checkbox"/> | Broad Habitats | Rivers and streams | |
| <input type="checkbox"/> | Priority Habitats | Ancient and/or species-rich hedgerows | |
| <input type="checkbox"/> | Priority Habitats | Blanket bog | |
| <input type="checkbox"/> | Priority Habitats | Limestone pavements | |
| <input type="checkbox"/> | Priority Habitats | Lowland raised bog | |
| <input type="checkbox"/> | Priority Habitats | Mesotrophic lakes | |
| <input type="checkbox"/> | Priority Habitats | Purple moor grass and rush pastures | |
| <input type="checkbox"/> | Priority Habitats | Reedbeds | |

| | | | |
|--------------------------|-------------------|-----------------------------|---------------------------|
| <input type="checkbox"/> | Priority Habitats | Sabellaria alveolata reefs | |
| <input type="checkbox"/> | Priority Habitats | Upland hay meadows | |
| <input type="checkbox"/> | Priority Habitats | Upland heathland | |
| <input type="checkbox"/> | Priority Habitats | Upland mixed ashwoods | |
| <input type="checkbox"/> | Priority Habitats | Upland oakwood | |
| <input type="checkbox"/> | Priority Habitats | Wet woodland | |
| <input type="checkbox"/> | Amphibians | <i>Bufo calamita</i> | Natterjack Toad |
| <input type="checkbox"/> | Amphibians | <i>Triturus cristatus</i> | Great Crested Newt |
| <input type="checkbox"/> | Beetles | <i>Hydroporus rufifrons</i> | a Diving Beetle |
| <input type="checkbox"/> | Birds | <i>Turdus philomelos</i> | Song Thrush |
| <input type="checkbox"/> | Butterflies | <i>Argynnis adippe</i> | High Brown Fritillary |
| <input type="checkbox"/> | Butterflies | <i>Boloria euphrosyne</i> | Pearl-bordered Fritillary |
| <input type="checkbox"/> | Butterflies | <i>Eurodryas aurinia</i> | Marsh Fritillary |

| | | | |
|--------------------------|-----------------|--------------------------------|----------------------------|
| <input type="checkbox"/> | Fish | <i>Coregonus albula</i> | Vendace |
| <input type="checkbox"/> | Mammals | <i>Arvicola terrestris</i> | Water Vole |
| <input type="checkbox"/> | Mammals | <i>Sciurus vulgaris</i> | Red Squirrel |
| <input type="checkbox"/> | Molluscs | <i>Catinella arenaria</i> | Sandbowl Snail |
| <input type="checkbox"/> | Molluscs | <i>Vertigo geyeri</i> | Whorl snail |
| <input type="checkbox"/> | Mosses | <i>Hamatocaulis vernicosus</i> | Slender Green Feather-moss |
| <input type="checkbox"/> | Moths | <i>Eustroma reticulata</i> | Netted Carpet |
| <input type="checkbox"/> | Vascular plants | <i>Juniperus communis</i> | Juniper |
| <input type="checkbox"/> | Local habitat | Basin Mire | |
| <input type="checkbox"/> | Local habitat | Cities, Towns & Villages | |
| <input type="checkbox"/> | Local habitat | Coastal Habitats | |
| <input type="checkbox"/> | Local habitat | Lowland Pastures | |
| <input type="checkbox"/> | Local species | <i>Bats (grouped plan)</i> | |

| | | |
|--------------------------|---------------|---|
| <input type="checkbox"/> | Local species | <i>Coenagrion pulchellum</i> (Variable Damselfly) |
| <input type="checkbox"/> | Local species | <i>Glossosoma intermedium</i> (a Caddisfly) |
| <input type="checkbox"/> | Local species | <i>Leuchorrhinia dubia</i> (White-faced Darter) |
| <input type="checkbox"/> | Local species | <i>Lobaria amplissima</i> (a Lichen) |
| <input type="checkbox"/> | Local species | <i>Tyto alba</i> (Barn Owl) |

Information originally entered by Dave Muir on Feb 2002
Information last changed by Dave Muir on Monday, November 18, 2002

2. Involvement

Please confirm the groups/organisations that are involved in your partnership. To add groups/organisations click the Add button, to delete items check the delete box and then click the Delete button.

| Delete: | Organisation: |
|--------------------------|---|
| <input type="checkbox"/> | British Trust for Conservation Volunteers |
| <input type="checkbox"/> | Country Landowners and Business Association |
| <input type="checkbox"/> | Countryside Agency |

- Cumbria County Council
- Cumbria Farming & Wildlife Advisory Group
- Cumbria Wildlife Trust
- Department for the Environment, Food and Rural Affairs
- Eden District Council
- English Nature
- Environment Agency
- Forestry Commission
- Friends of the Lake District
- Glaxo Smith Kline
- Lake District National Park Authority
- Many smaller organisations too numerous to mention
- National Farmers Union Cumbria County Branch

- National Trust
- Royal Society for the Protection of Birds
- South Lakeland District Council
- Tullie House Museum, Carlisle
- United Utilities
- Voluntary Action Cumbria

Information originally entered by Dave Muir on Feb 2002

Information last changed by Dave Muir on Monday, November 18, 2002

3. LBAP interaction with all relevant Lead Partners/Lead Agencies

In responding to this question, please include all situations where contact made or sought (This question is to gain information on your view of where contact with Lead Partners/Agencies is happening, so please respond based on your own existing knowledge rather than soliciting the views of Lead Partners/Agencies at this stage.)

Types of interaction

Which of the following types of interaction have you had with Lead Partners/Agencies up to now? (You can tick more than one category)

- Indirect contact (e.g. use of information on UKBAP website, sharing work programmes, meeting schedules articles in Biodiversity News, newsletters)

Generic information on habitat and/or species received (e.g. advice and guidance on habitat/species ecology and management)

Direct advice received (e.g. proactive approach from LP/A, response to LBAP consultations, advice on LBAP target setting)

Reciprocal attendance at meetings

Development of collaborative projects

No contact

Other (please specify)

Interaction for each species/habitat

Please select the type of contact you have had for each UK priority HAP or SAP for which your LBAP has plans, indicate who initiated contact and whether (in your opinion) future contact with the Lead Partner/Agency would be desirable if targets are to be achieved.

| National HAP/SAP: | Level of contact: | Initiation: | Future contact desirable: |
|---------------------------------------|----------------------|----------------------|---------------------------|
| Ancient and/or species-rich hedgerows | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Blanket bog | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Calcareous grassland | <input type="text"/> | <input type="text"/> | <input type="text"/> |

| | | | |
|-------------------------------------|----------------------|----------------------|----------------------|
| Limestone pavements | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Lowland raised bog | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Mesotrophic lakes | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Purple moor grass and rush pastures | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Reedbeds | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Rivers and streams | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Sabellaria alveolata reefs | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Upland hay meadows | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Upland heathland | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Upland mixed ashwoods | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Upland oakwood | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Wet woodland | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <i>Argynnis adippe</i> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

| | | | |
|--------------------------------|----------------------|----------------------|----------------------|
| <i>Arvicola terrestris</i> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <i>Boloria euphrosyne</i> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <i>Bufo calamita</i> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <i>Catinella arenaria</i> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <i>Coregonus albula</i> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <i>Eurodryas aurinia</i> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <i>Eustroma reticulata</i> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <i>Hamatocaulis vernicosus</i> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <i>Hydroporus rufifrons</i> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <i>Juniperus communis</i> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <i>Sciurus vulgaris</i> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <i>Triturus cristatus</i> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <i>Turdus philomelos</i> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

Vertigo geyeri

Information originally entered by Dave Muir on Monday, November 18, 2002

4. Habitat Successes

Please list up to five habitats for which you feel your LBAP has been most successful (this can include both UK and local priorities). Please briefly describe what has been achieved/progress made in the text box. Please try to quantify achievements or contributions to UK targets where possible, using the boxes provided.

(This question is to gain information on your view of where the LBAP is making a difference, so please respond based on your own existing knowledge rather than soliciting the views of Lead Agencies at this stage).

Success 1:

Habitat:

Low land raised bog

Description:

The results summarised below are for 3 sites managed by Cumbria Wildlife Trust under its LBAP commitments and refer to achievements of the 5 years prior to this reporting round. The work is primarily felling of trees and blocking of drainage ditches to restore previously degraded habitat. The total target for these and 2 other sites is 496 hectares.

Amount:

92

Units:

Hectares

Year:

2002

Accuracy:

Full survey

Source

Cumbria Wildlife Trust

Success 2:

Habitat:

Limestone pavements

Description:

Removal of pine plantation and scrub control under the first 3 years of a partnership project involving Forest Enterprise, Cumbria Wildlife Trust and English Nature.

Amount:

285

Units:

Hectares

Year:

2002

Accuracy:

Full survey

Source

Low land Limestone
Pavement
Rehabilitation Project
Interim Reports

Success 3:

Habitat:

Description:

Amount:

Units:

Year:

Accuracy:

Source

| | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
|----------------------|----------------------|----------------------|----------------------|----------------------|

Success 4:

Habitat:

Description:

Amount:

Units:

Year:

Accuracy:

Source

Success 5:

Habitat:

Description:

| Amount: | Units: | Year: | Accuracy: | Source |
|----------------------|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

Information originally entered by Dave Muir on 23 December 2002

5. Species Successes

Please list up to five species for which you feel your LBAP has been most successful (this can include both UK and local priorities). Please briefly describe what has been achieved/progress made in the text box. Please try to quantify achievements or contributions to UK targets where possible, using the boxes provided.

(This question is to gain information on your view of where the LBAP is making a difference, so please respond based on your own existing knowledge rather than soliciting the views of Lead Agencies at this stage).

Success 1:

Species:

Sciurus vulgaris

Description:

Whilst there have been no detectable changes in the decline of the species, there have been other achievements in the project. Funding has been secured for Project staff, there is considerable engagement of volunteers in control of grey squirrels and the first of 9 red squirrel reguges has been launched.

| Amount: | Units: | Year: | Accuracy: | Source |
|---------|-------------|-------|----------------|----------------------|
| 19000 | Individuals | 2002 | Informed guess | Red Alert North West |

Success 2:

Species:

Tyto alba (Barn Owl)

Description:

119 sites with artificial nest boxes are regularly checked. 2002 was a very good year, with 90.75% success in breeding pairs at those sites.

| Amount: | Units: | Year: | Accuracy: | Source |
|---------|----------------------|-------|-------------|---|
| 108 | Breeding pairs/units | 2002 | Full survey | Ian Armstrong, local volunteer worker on the species. |

Success 3:

Species:

Leuchorrhinia dubia (White-faced Darter)

Description:

A good baseline for the species in the county has been established for the first time, following a full-scale survey on a number of sites. This survey will be repeated in successive years and will inform efforts to manage habitats in order to increase the population.

| Amount: | Units: | Year: | Accuracy: | Source |
|---------|--------|-------|-----------|--------|
|---------|--------|-------|-----------|--------|

400

Individuals

2002

Full survey

D. Clarke & co-worker
- report imminent.

Success 4:

Species:

Description:

Amount:

Units:

Year:

Accuracy:

Source

Success 5:

Species:

Description:**Amount:****Units:****Year:****Accuracy:****Source**

Information originally entered by Dave Muir on Friday, December 20, 2002
Information last changed by Dave Muir on 23 December 2002

6. Other Successes

Have there been other successes in the implementation of your plan that you would like to draw to the attention of the wider BAP partnership? Please give a brief description (i.e. 2-3 sentences) of up to five successes and allocate each of them to one of the following topic areas.

Success 1:**Description:**

Production of public information leaflet/survey form on status of garden ponds and local tarns with particular reference to great crested new ts.

Topic area:

Public awareness/communications

Success 2:

Description:

Volunteer involvement in monitoring of management of roadside verges under the control of the county council.

Topic area:

Surveys

Success 3:

Description:

Setting up of the Small Projects Contingency Fund with provision of small grant aid to a variety of projects leading to implementation of BAP actions.

Topic area:

Funding (implementation of LBAP) ▼

Success 4:

Description:

Delivery of a large number of presentations to a wide variety of organisations, including staff and trustees of Partnership organisations as well as public bodies, schools and other partnerships.

Topic area:

Public awareness/communications ▼

Success 5:

Description:

Involvement of a variety of educational projects, both from within and beyond the BAP Partnership, in planning a month of biodiversity educational actions culminating in a major joint event to be held in June 2003.

Topic area:

Education

Information originally entered by Dave Muir on Monday, December 16, 2002
Information last changed by Dave Muir on 23 December 2002

7. LBAP Constraints

This question seeks to gain information on constraints to progressing your LBAP overall, rather than individual SAPs and HAPs.

It is widely acknowledged that financial resources are limiting the delivery of LBAPs. Given this select the three other most significant constraints to achieving the targets of your LBAP overall, 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 your LBAP or leading to substantial delay in delivery. For each constraint, please indicate whether you feel that it is within the ability of your LBAP partnership to resolve the constraint.

Keyworded constraints:

| Significance : | Keyword: | Able to resolve : |
|-------------------|---|-------------------------------------|
| 1 | Partnership Other | <input checked="" type="checkbox"/> |
| 2 | Policy, legislation and designation UK legislation - changes required | <input type="checkbox"/> |
| 3 | Research, survey and information Coordinated recording scheme / database required | <input checked="" type="checkbox"/> |

Information originally entered by Dave Muir on Monday, December 16, 2002