

Bombus distinguendus (Great Yellow Bumblebee)

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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	7	Sites/ Populations	2000	Partial or sample survey	Edwards, M. (2000) UK BAP Bumblebee Working Group <i>Bombus distinguendus</i> 2000 projects. Unpublished report to RSPB, SNH and WWF.
E					
NI	0	Sites/ Populations	2000	Full survey	Edwards, M. (2000) UK BAP Bumblebee Working Group <i>Bombus distinguendus</i> 2000 projects. Unpublished report to RSPB, SNH and WWF.

S	7	Sites/ Populations	2000	Full survey	Edwards, M. (2000) UK BAP Bumblebee Working Group Bombus distinguendus 2000 projects. Unpublished report to RSPB, SNH and WWF.
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:
UK	Declining (continuing/accelerating)	Partial or sample survey	Edwards, M. (2001) UK BAP Bumblebee Working Group Unpublished report
E	Lost (pre BAP publication)		

NI	Lost (pre BAP publication)		Edwards, M. (2000) UK BAP Bumblebee Working Group Bombus distinguendus 2000 projects. Unpublished report to RSPB, SNH and WWF.
S	Declining (continuing/accelerating)	Partial or sample survey	Edwards, M. (2001) UK BAP Bumblebee Working Group Unpublished report.
W	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.

Status of knowledge: Knowledge sufficient to make some impact, but more research needed.

Notes:

More research needed on nesting, foraging and hibernation requirements, habitat management, landscape ecology and genetics. PhD study commencing October 2002 will investigate these aspects of *Bombus distinguendus* autecology.

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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 populations at all known sites.

Target start date:

1997

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	Not applicable ▼				
NI	Not applicable ▼				
S	Some progress (on schedule) ▼			Partial or sample survey ▼	Under active development ▼
W	Not applicable ▼				

T2: Enhance the population size at all known sites by 2010.

Target start date:

Target end date:

Target units:

	Progress	Target	Current	Accuracy	Monitoring
UK	Some progress (behind schedule) ▼			Partial or sample survey ▼	Under consideration ▼

E	Not applicable				
NI	Not applicable				
S	Some progress (behind schedule)			Partial or sample survey	Under consideration
W	Not applicable				

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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 Loss of extensive, herb-rich grasslands.

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 - agriculture Conversion to arable
<input type="checkbox"/>	1	Habitat loss / degradation - agriculture Inappropriate grazing (due to timing or livestock type)
<input type="checkbox"/>	1	Habitat loss / degradation - agriculture Intensive grassland management

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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:	
Species and habitat management Farming practice - causing problems	<input type="checkbox"/> UK <input type="checkbox"/> E <input type="checkbox"/> NI <input checked="" type="checkbox"/> S

W

Solution:

Solution type:

Encourage sympathetic farming practices through agri-environment measures

Funding and incentive schemes

Able to resolve:

Constraint 2:

Constraint keyword:

Country:

Funding and incentives | Agricultural schemes - not delivering wildlife gains

UK E NI S
 W

Solution:

Solution type:

Schemes need to be tailored to apply to small farms practising traditional farming.

Funding and incentive schemes

Able to resolve:

Constraint 3:

Constraint keyword:

Country:

Research, survey and information | Impacts/ threats - little understanding

UK E NI S

W

Solution:

Solution type:

We already have considerable understanding of autecology, but need to improve our understanding of this species in relation to land use, in order to determine the scale of habitat restoration required.

Research

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:

Aculeate Conservation Working Group

Bees, Wasps and Ants Recording Society

<input type="checkbox"/>	Farming and Wildlife Advisory Group
<input type="checkbox"/>	Royal Society for the Protection of Birds
<input type="checkbox"/>	Scottish Natural Heritage

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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?

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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Information last changed by Mike Edwards on Thursday, December 05, 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:

Near complete survey of potential sites in Scotland and Northern Ireland by Bumblebee Working Group (now Aculeate Conservation Group) funded by SNH, RSPB and WWF.

Country:

UK E NI S W

Keyword:

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

Success 2:

Description:

PhD study commencing October 2002 funded by NERC/RSPB at Cambridge University and Institute of Zoology, London.

Country:

UK E NI S W

Keyword:

Research, survey and information | Autecology - improved knowledge

Success 3:

Description:	Country:
<div style="border: 1px solid #ccc; padding: 5px;"> Linking of decline to changes in farming and landscape. Very important for conservation of bumblebees in widest context. </div>	<input checked="" type="checkbox"/> UK <input checked="" type="checkbox"/> E <input checked="" type="checkbox"/> NI <input checked="" type="checkbox"/> S <input checked="" type="checkbox"/> W
Keyword:	
<div style="border: 1px solid #ccc; padding: 5px;"> Species and habitat management Other </div>	

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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:	David Phillips	email:	David.Phillips
Your name:	Andy Knight		
Date:	18/12/02		
