

Coenagrion mercuriale (Southern Damselfly)

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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	60	Sites/ Populations	2002	Partial or sample survey	Boyce, D. Southern Damselfly (Coenagrion mercuriale) GB Site Assessment Project, 2002 On behalf of the UKBAP Southern Damselfly Steering Group
E	45	Sites/ Populations	2002	Partial or sample survey	Boyce, D. Southern Damselfly (Coenagrion mercuriale) GB Site Assessment Project, 2002 On behalf of the UKBAP Southern Damselfly Steering Group
NI					
S					

W	15	Sites/ Populations	2002	Partial or sample survey	Boyce, D. Southern Damselfly (Coenagrion mercuriale) GB Site Assessment Project, 2002 On behalf of the UKBAP Southern Damselfly Steering Group

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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	Stable	Partial or sample survey	Boyce, D. Southern Damselfly (Coenagrion mercuriale) GB Site Assessment Project, 2002. On behalf of the UKBAP Southern Damselfly Steering Group


E	Stable	Partial or sample survey	Boyce, D. Southern Damselfly (Coenagrion mercuriale) GB Site Assessment Project, 2002. On behalf of the UKBAP Southern Damselfly Steering Group
NI			
S			
W	Stable	Partial or sample survey	Boyce, D. Southern Damselfly (Coenagrion mercuriale) GB Site Assessment Project, 2002. On behalf of the UKBAP Southern Damselfly Steering Group

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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:	<div style="border: 1px solid black; padding: 5px;"> <p>One PhD has been completed looking at the conservation of Southern Damselfly from w hich an R&D report and leaflet has been published by the EA.</p> <p>Research is underw ay as the Steering Group commissioned a second PhD w hich began in 2000 to investigate the ecology of th Southern Damselfly in its chalkstream-fen habitats. This is due to finish in 2003.</p> <p>There is ongoing w ork on Southern Damselfy DNA fingerprinting taking place at Liverpool University funded through NERC.</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: Ensure all UK populations are in favourable condition

Target start date:

Target end date: ongoing

Target units: Sites/ Populations

	Progress	Target	Current	Accuracy	Monitoring
UK	Some progress (on schedule)	60	29	Partial or sample survey	Under active development
E	Some progress (on schedule)	45	19	Partial or sample survey	Under active development
NI					
S					
W	Some progress (on schedule)	15	10	Partial or sample survey	Under active development

T2: Maintain the (1995) UK range preventing further loss of sites in England and Wales

Target start date: 1995

Target end date: ongoing

Target units: Sites/ Populations

	Progress	Target	Current	Accuracy	Monitoring
UK	Some progress (on schedule) ▼	60	57	Partial or sample survey ▼	Under active development ▼
E	Some progress (on schedule) ▼	45	45	Partial or sample survey ▼	Under active development ▼
NI	▼			▼	▼
S	▼			▼	▼
W	Some progress (on schedule) ▼	15	12	Partial or sample survey ▼	Under active development ▼

T3: Increase the (1995) UK range by encouraging re-establishment of 5 former sites by 2005

Target start date:

Target end date:

Target units:

	Progress	Target	Current	Accuracy	Monitoring
UK	No progress ▼	5		▼	▼

E	No progress	4			
NI					
S					
W	No progress	1			

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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 suitable habitat due to lack of appropriate heathland management, including reduced grazing and over-deepening of shallow breeding streams.

2.2 Drainage and dredging of breeding sites.

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 - agriculture Inappropriate grazing (due to timing or livestock type)
<input type="checkbox"/>	2	Habitat loss / degradation - agriculture Undergrazing
<input type="checkbox"/>	5	Habitat loss / degradation - extraction/drainage Water abstraction (from water bodies)
<input type="checkbox"/>	4	Habitat loss / degradation - freshwater Dredging (freshwater)
<input type="checkbox"/>	1	Habitat loss / degradation - management practice Scrub encroachment

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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:

Species and habitat management | Scrub control - inappropriate

Country:

UK E NI S
 W

Solution:

At the country level, adoption of policies that promote an environmentally, socially and economically sustainable livestock sector. Also, at the country level, the development and adoption of agri-environment schemes to benefit the kind of wetland management required by this species. Resources are needed to promote the uptake of these schemes locally.

Solution type:

Funding and incentive schemes

Able to resolve:

Constraint 2:

Constraint keyword:

Species and habitat management | Stocking level - causing problems

Country:

UK E NI S
 W

Solution:

Solution type:

See above	Funding and incentive schemes
Able to resolve:	<input type="checkbox"/>
Constraint 3:	
Constraint keyword:	Country:
Species and habitat management Lack of available habitat	<input checked="" type="checkbox"/> UK <input checked="" type="checkbox"/> E <input type="checkbox"/> NI <input type="checkbox"/> S <input checked="" type="checkbox"/> W
Solution:	Solution type:
<p>1) This species is sedentary by nature and a slow coloniser. To maximise the recolonisation potential, the right habitat must be restored and enhanced. 2) Significant funding has been hard to secure for delivery of the BAP targets for this species and a species champion has not yet been found. Agencies, charities, business and others need to be encouraged to support conservation work for this species.</p>	Other
Able to resolve:	<input type="checkbox"/>

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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:
<input type="checkbox"/>	British Dragonfly Society
<input type="checkbox"/>	Countryside Council for Wales
<input type="checkbox"/>	Dartmoor National Park Authority
<input type="checkbox"/>	Department for the Environment, Food and Rural Affairs
<input type="checkbox"/>	Devon Wildlife Trust
<input type="checkbox"/>	Eastleigh Borough Council
<input type="checkbox"/>	English Nature
<input type="checkbox"/>	Environment Agency
<input type="checkbox"/>	Forestry Commission
<input type="checkbox"/>	Liverpool University

- National Trust
- Private landowners and managers
- Royal Society for the Protection of Birds
- Wildlife Trusts

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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.

Delete: Organisation:

- Berks' Bucks and Oxon Wildlife Trust
- Bovis Homes Limited
- Cornwall Wildlife Trust

- Devon Wildlife Trust
- Dorset Wildlife Trust
- EN/CCW Life Rivers Project
- George Wimpey UK Limited
- Hampshire County Council
- Hampshire Wildlife Trust
- North Wales Wildlife Trust
- Oxfordshire County Council
- Persimmon Homes Limited
- Purbeck District Council
- Royal Society for the Protection of Birds
- The Itchen Sustainability Study Group (which includes Southern Water and Portsmouth Water, Hampshire County Council, EN and the Environment Agency).
- The Wildlife Trust of South and West Wales

Volunteers such as those of the British Dragonfly Society whose members across England and Wales have contributed time and technical expertise..

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9. Linkages to LBAPs

a) Which of the following most accurately describes your interaction with LBAPs, up to now?

Good contact with LBAPs, developing local projects that are contributing to UK Targets.

b) If you have been in contact with LBAPs how was it initiated?

By Both

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:

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:

Country:

Completion of two PhDs into ecological requirements of Southern Damselfly. Southern Damselfly DNA fingerprinting research at Liverpool University.
The completion of an R&D Report and Technical leaflet, both produced by the Environment Agency.

UK E NI S W

Keyword:

Research, survey and information | Autecology - improved knowledge

Success 2:

Description:

Country:

Completed Site Assessment Project to assess the condition of all the British Sites with regard to their ability to continue to support viable colonies of Southern Damselfly and to provide recommendations for management where appropriate. This information is a vital precursor to the successful implementation of many of the actions of the SAP.

A southern damselfly database has been created for the UK which is held and maintained by the British Dragonfly Society. BDS have also created a dedicated site on their website for disseminating information and to enable networking.

UK E NI S W

Keyword:

Success 3:

Description:

A strong partnership between all of the Steering Group members led by the Environment Agency and Wildlife Trusts, has helped to deliver a considerable body of work which contributes to the objectives of the UK Southern Damselfly SAP. Collectively the partnership has secured considerable resources to initiate the programme of R&D and the Southern Damselfly GB Site Assessment Survey. However, over and above that, the partnership has directly initiated other work, such as a series of local workshops in 1998 to raise awareness of the SAP and promote local networking among practitioners and volunteers. Also indirectly, for example through networking and communicating through the BDS website, the partnership has influenced other parties, chiefly landowners and land managers, to raise awareness of the SAP, to inform land management practices and to promote local collaboration. A prime example is the local partnership in Dorset of the EA, EN, BDS, NT and RSPB. These organisations assist each other manage nature reserves where the species occurs as well as on land owned by English China Clay and the MoD. This was an integrated and holistic approach achieved through partnership and inspired by the UK SAP Steering Group.

Country:

UK E NI S W

Keyword:

Partnership | Other

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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:	The	email:	acrofts@wild
Your name:	Allison Crofts		
Date:	20 Dec 2002		
