

Appendix 6.1:  
Avon species of local conservation  
concern audit criteria

## Appendix 6.1: Avon species of local conservation concern audit criteria

The species of local conservation concern audit (found on [www.avon-biodiversity.org.uk](http://www.avon-biodiversity.org.uk)) includes species found in the Bristol Regional Environmental Records Centre database that fulfil one or more of the following criteria (in 2004 – criteria and definitions may change and these changes will be noted on [www.avon-biodiversity.org.uk](http://www.avon-biodiversity.org.uk)):

1. Have a UK Biodiversity Action Plan,
2. Are listed as a UK Species of Conservation Concern,
3. Are listed as Rare in the Bristol Regional Environmental Records Centre area (Avon: see table 1)
4. Have national status Rare, Scarc or Red Data Book (see table 2)
5. Have legal protection (see table 3)

<b>Species Group</b>	<b>Definition of 'rare' in the BRERC area</b>
<b>Amphibians and Reptiles</b>	No formal definition
<b>Beetle</b>	The BRERC area status has been adapted using Duff, A. (1993) and no strict status definitions are given.
<b>Birds</b>	Less than annual; many years may pass between records for the BRERC area.
<b>Bug</b>	Lack of records held at BRERC means area status cannot be sensibly assessed.
<b>Butterfly</b>	Less than 10 colonies in the BRERC area
<b>Caddis Flies and Mayflies</b>	Lack of records held at BRERC means area status cannot be sensibly assessed.
<b>Dragonfly</b>	These species have been recorded in less than 10 separate sites or watercourses in the BRERC area
<b>Fish</b>	Lack of records held at BRERC means area status cannot be sensibly assessed.
<b>Grasshopper, Cricket and Earwig</b>	These species have been recorded in less than 5 sites in the BRERC area.
<b>Lacewings, Alder Flies, Sponge Flies and Scorpion Flies</b>	Lack of records held at BRERC means area status cannot be sensibly assessed.
<b>Macro Moths</b>	Species recorded in 1-3 one kilometre squares in the BRERC area during the 1990s
<b>Micro Moths</b>	Due to lack of records held at BRERC, the area status can only be sensibly assessed for the parolid moths, with status definition rare meaning that the species has been recorded in 1-3 one kilometre squares in the BRERC area.
<b>Mammals</b>	These species have been recorded in 10 or less one kilometre squares in the BRERC area
<b>Plants</b>	These species have been recorded in 7 or less one kilometre squares in the BRERC area
<b>Snails and Slugs</b>	Lack of records held at BRERC means area status cannot be sensibly assessed.
<b>True Flies</b>	Lack of records held at BRERC means area status cannot be sensibly assessed.

**Table 1: Definition of 'rare' status in the Bristol Regional Environmental Records Centre (BRERC) area for different species groups**

## Appendix 6.1: Avon species of local conservation concern audit criteria

Species Group	Definition of 'rare', 'scarce' or Red Data Book National Status
<b>Amphibians and Reptiles</b>	No formal definition
<b>Beetle</b>	RDB 1; RDB 2; RDB 3; RDB K; N; Na; Nb.
<b>Birds</b>	RDB - Species appear in the Red Data Book and are given as rare in Great Britain.
<b>Bug</b>	RDB 3; Na; Nb
<b>Butterfly</b>	RDB2; RDB3; Nb
<b>Caddis Flies and Mayflies</b>	RDB 3; N
<b>Dragonfly</b>	RDB 3; Nb
<b>Fish</b>	No formal definition
<b>Grasshopper, Cricket and Earwig</b>	RDB2; Na; Nb
<b>Lacewings, Alder Flies, Sponge Flies and Scorpion Flies</b>	N
<b>Macro Moths</b>	RDB 1; RDB 2; RDB 3; N; Na; Nb
<b>Micro Moths</b>	pRDB 1; pRDB 2; pRDB 3; N; Na; Nb.
<b>Mammals</b>	National status of the species taken from the 'Atlas of Mammals in Britain' (Arnold, 1993), where status definitions are not given.
<b>Plants</b>	1) Red Data Book (RDB) – species appear in the British Red Data Book 1 Vascular Plants (3rd edition, 1999) and have been recorded in 15 or fewer ten kilometre squares throughout Great Britain. RDB sub-categories have been adopted using revised IUCN Criteria as follows: CE – Critically Endangered; E – Endangered; V – Vulnerable; Ex – Extinct; ExW – Extinct in the Wild; NrT – Near Threatened (Lower Risk). 2) Scarce – these species have been recorded from 16 – 100 ten kilometre squares in Great Britain 3) Rare – these species have been recorded in less than 16 ten kilometre squares in Great Britain
<b>Snails and Slugs</b>	RDB 1; RDB 2; RDB 3; N; Na; Nb; Rare – no strict definition
<b>True Flies</b>	RDB 1; RDB 2; RDB 3; N; Nb.

**Table 2: Rare, scarce or Red Data Book national status definitions for different species groups.**

**Explanation of codes used for insects and molluscs given below:**

**RDB 1** – species appear in the Red Data Book and are categorised as endangered;

**RDB 2** – species appear in the Red Data Book and are categorised as vulnerable;

**RDB 3** – species appear in the Red Data Book and are categorised as rare;

**RDB K** – species appear in the Red Data Book but the status is unknown, although they are thought to be rare;

**pRDB 1** – species are likely to appear in the Red Data Book and be categorised as endangered;

**pRDB 2** – species are likely to appear in the Red Data Book and be categorised as vulnerable;

**pRDB 3** – species are likely to appear in the Red Data Book and be categorised as rare;

**N** – species are nationally notable and have been recorded in 16-100 ten kilometre squares in Great Britain.

**Na** – species are nationally notable and have been recorded in 16 – 30 ten kilometre squares in Great Britain;

**Nb** – species are nationally scarce and have been recorded in 31 – 100 ten kilometre squares in Great Britain

## Appendix 6.1: Avon species of local conservation concern audit criteria

Legal Protection?  Species	Bern	Bonn	ECHD	Sch 1 W&CA 1981	Sch 5 W&CA 1981	1998 Sch 5 W&CA 1981	Sch 5* W&CA 1981	Sch 6 W&CA 1981	Sch 8 W&CA 1981	1998 Sch 8 W&CA 1981	No information
Amphibians and Reptiles	X		X		X		X				
Beetle	X		X				X				
Birds	X	X	X	X							
Bug											X
Butterfly					X	X	X				
Caddis Flies and Mayflies											X
Dragonfly											X
Fish			X		X	X					
Grasshopper, Cricket and Earwig					X						
Lacewings, Alder Flies, Sponge Flies and Scorpion Flies											X
Macro Moths											X
Micro Moths											X
Mammals	X	X	X		X	X		X			
Plants			X						X	X	
Snails and Slugs											X
True Flies											X

**Table 3: Legal protection applying to audit species: An X indicates which forms of legal protection apply to a particular species group. Definition of the Legal Protection Codes Shown in Row 1 is given below:**

**Bern** – those species having legal protection under the Bern Convention;

**Bonn** – those species having legal protection under the Bonn Convention;

**ECHD** – those species having legal protection under the European Community Habitats Directive;

**Sch 1 W&CA 1981** – those species having legal protection under Schedule 1 of the Wildlife and Countryside Act 1981;

**Sch 5 W&CA 1981** – those species having legal protection under Schedule 5 of the Wildlife and Countryside Act 1981;

**1998 Sch 5 W&CA 1981** – those species having legal protection under Schedule 5 of the Wildlife and Countryside Act 1981 after the 1998 review;

**Sch 5\* W&CA 1981** – those species having legal protection against sale only under Schedule 5 of the Wildlife and Countryside Act 1981;

**Sch 6 W&CA 1981** – those species having legal protection under Schedule 6 of the Wildlife and Countryside Act 1981;

**Sch 8 W&CA 1981** – those species having legal protection under Schedule 8 of the Wildlife and Countryside Act 1981;

**1998 Sch 8 W&CA 1981** – those species having legal protection under Schedule 8 of the Wildlife and Countryside Act 1981 after the 1998 review;

**No Information** – those species for which no information as to legal protection was given in the BRERC legal protection summary at the time of writing.