



## **Caravan Club site-wide biodiversity audit 2006**

A report prepared for:  
**The Caravan Club**

**Dr Philip Corney, Dr Sarah Toogood, Elaine Austin & Mike Lush**

JUST ECOLOGY Limited  
Woodend House  
Woodend  
Wotton-under-Edge  
Gloucestershire  
GL12 8AA, UK  
[www.justecology.co.uk](http://www.justecology.co.uk)

**April 2007**

© JUST ECOLOGY 2007

**Notice to Readers**

The advice contained in this report is based on the information available and/or collected during the period of study and within the resources available for the project. We cannot completely eliminate the possibility of important ecological features being found through further investigation and/or by survey at different times of the year or in different years. Reference to sections or particular paragraphs of this document taken out of context may lead to misrepresentation. JUST ECOLOGY takes care to ensure that balanced advice is provided, based on the information available at the time.

## Contents

|       |  |    |
|-------|--|----|
| 1     | Introduction.....  | 2  |
| 2     | Questionnaire.....   | 3  |
| 2.1   | Aims and structure .....   | 3  |
| 2.2   | Site description.....  | 4  |
| 2.2.1 | Existing wildlife management .....                                     | 4  |
| 2.2.2 | Existing information for visitors about on-site wildlife .....         | 5  |
| 2.2.3 | Adjacent features of interest.....                                     | 5  |
| 2.2.4 | Existing wildlife recording .....                                      | 6  |
| 2.2.5 | Existing community & visitor involvement.....                          | 7  |
| 2.2.6 | Limitation for wildlife and wildlife management .....                  | 8  |
| 2.2.7 | Priorities and preferences for wildlife management.....                | 9  |
| 2.3   | Additional Information.....  | 10 |
| 2.3.1 | Support for biodiversity.....  | 10 |
| 2.3.2 | Site description.....  | 10 |
| 2.3.3 | Existing site reports .....  | 11 |
| 2.3.4 | Visitor interest.....  | 11 |
| 2.4   | Habitats .....   | 12 |
| 2.4.1 | Woodland .....   | 12 |
| 2.4.2 | Grassland .....  | 12 |
| 2.4.3 | Water & wetland .....  | 13 |
| 2.4.4 | Heathland .....  | 14 |
| 2.4.5 | Coastal .....  | 14 |
| 2.4.6 | Garden.....  | 15 |
| 2.4.7 | Linear habitats .....  | 16 |
| 2.4.8 | Isolated habitats .....  | 17 |
| 2.4.9 | Habitat summary .....  | 18 |
| 2.5   | Species.....   | 20 |
| 2.6   | Questionnaire data evaluation.....                                     | 24 |
| 3     | GIS examination.....   | 26 |
| 3.1   | Aims .....   | 26 |
| 3.2   | GIS protocol .....   | 26 |
| 3.3   | National designations .....  | 27 |
| 3.4   | National habitat inventories .....                                     | 28 |
| 3.5   | Existing species records.....  | 31 |
| 3.6   | GIS data Evaluation .....  | 37 |
| 4     | Caravan Club cBAP features .....                                       | 39 |
| 5     | Occurrence of Caravan Club cBAP features across the Site network ..... | 40 |
| 5.1   | Habitat features .....   | 40 |
| 5.2   | Species features.....  | 47 |

## **1 Introduction**

A biodiversity audit is a very important element of the Biodiversity Action Planning process, as it defines the parameters within which the rest of the process can operate.

As outlined in the Main Report, the objective of the biodiversity audit was to identify as much as possible about the state of the biodiversity resource held by The Caravan Club, within its existing Club site network.

The audit combined two different approaches, in order to capture diverse types of information as efficiently as possible: a questionnaire was survey sent out to all Site Wardens, and a GIS (Geographical Information System) examination of national designations (SSSIs, etc.), existing national habitat inventories (Ancient Woodland Inventory, etc.), and existing species records, was undertaken using national databases.

The results of these two approaches are presented in this document.

## 2 Questionnaire

### 2.1 Aims and structure

As outlined in the Main Report, the aim of the questionnaire survey was twofold: (i) to obtain the views of Site Wardens on the subject of biodiversity generally, and; (ii) to gather any existing biological data on individual Caravan Club sites.

The first element (the views of Site Wardens on the subject of biodiversity) was covered in questionnaire sections 1 and 4. These are here presented together, for continuity.

Biodiversity audit questionnaires were sent out to Site Wardens at all 148 Caravan Club-owned sites. In all, 98 Site Wardens responded to the questionnaire survey, resulting in a two thirds response. However, not all respondents completed every element of each question. Therefore the number of respondents to each question is supplied together with the survey data, and in many cases the results for each element of each question are presented as a proportion of the total number of respondents *to that question*.

It is important to note however, that a null response (i.e. a box left un-checked), is not equivalent to a box for 'none of the above', and should not be taken to imply absence of a feature. Although an un-checked box may indeed mean 'not present', it may also indicate an inability to identify the feature, or a lack of certainty, or even awareness, as to presence. This is particularly the case with small, inconspicuous plant species, or elusive animal species. In all cases, therefore, questionnaire data should be used on an indicative, rather than an exhaustive basis.

## 2.2 Site description

### 2.2.1 Existing wildlife management

Question: which of the following are actions which are currently undertaken on site?

- Hedges only cut every other year, and outside of the bird breeding season (Mar–Aug);
- Areas of scrub left undisturbed throughout the bird breeding season;
- Areas of rough grass and verges left for wildlife;
- Buffer zones of longer grass adjacent to woodland edges / hedgerows (> 0.5 m wide);
- Provision of bat boxes;
- Provision of bird boxes (conventional single hole and / or open-fronted boxes);
- Provision of a selection of different bird feeding stations (provided by Site Management, i.e. not including any supplied by visitors);
- Provision of bug boxes (boxes containing short lengths of bamboo / sticks);
- Tree stumps, branches and logs left or consolidated into 'wildlife refuge areas';
- Adherence to a conservation management plan written for the site.

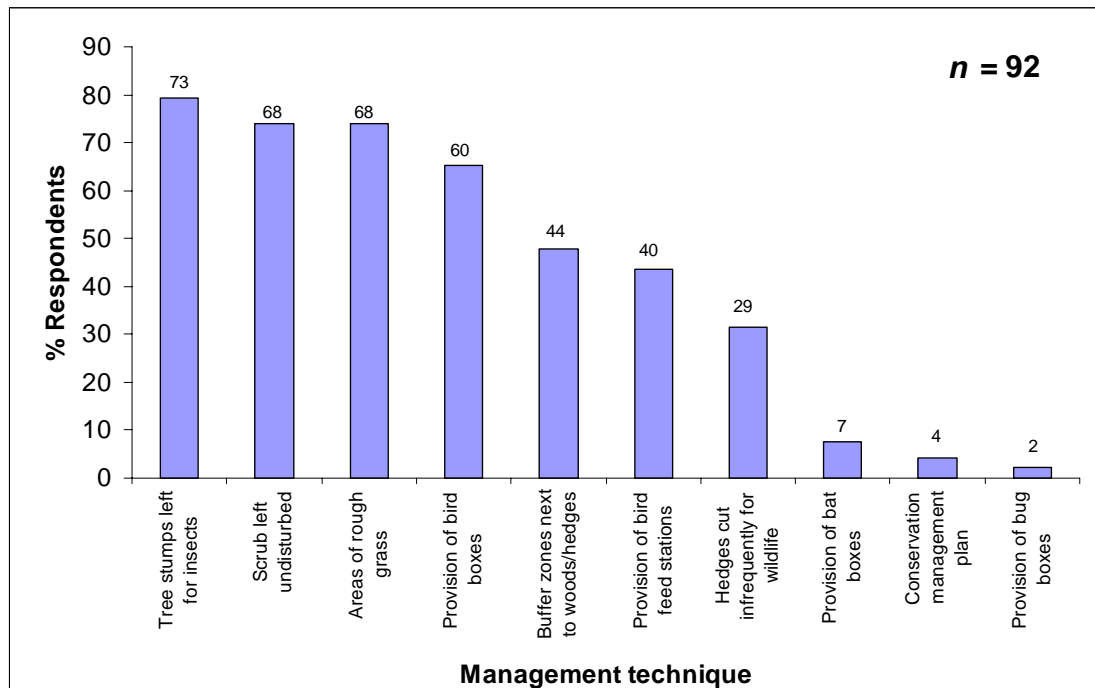


Figure 1. Existing wildlife management

### 2.2.2 Existing information for visitors about on-site wildlife

Question: which of the following are currently available on site?

- Leaflet (information only) available in office / shop;
- Leaflet (information only) usually given out, or enclosed in a 'welcome pack';
- Notice-board in or near office / shop illustrating species of local interest;
- All-weather wildlife interpretation boards across site.

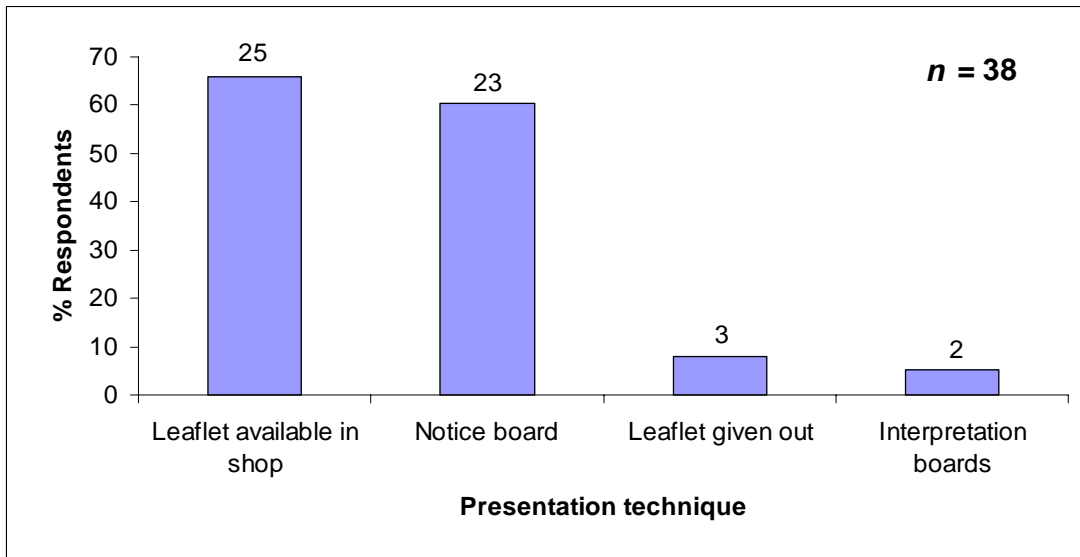


Figure 2. Existing information

### 2.2.3 Adjacent features of interest

Question: which of the following adjoin the site?

- National Nature Reserve;
- Local Nature Reserve;
- Wildlife Trust Reserve.

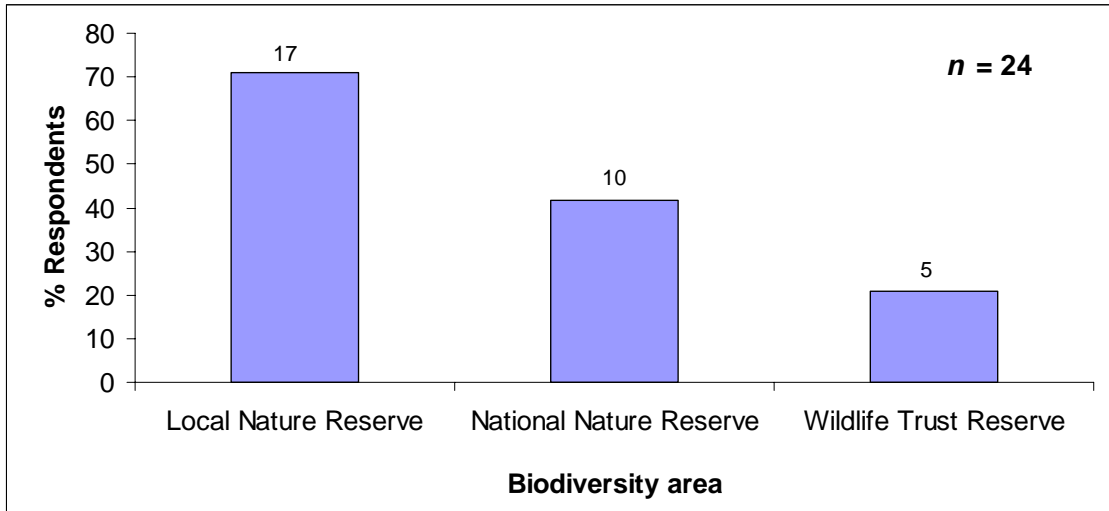


Figure 3. Adjacent features of interest

### 2.2.4 Existing wildlife recording

Question: which of the following are activities which are currently undertaken on site?

- Observations made, and records kept, by Site Warden;
- Leaflet encouraging visitors to help monitor site conditions / flora / fauna;
- Encouraging visitors to record incidental wildlife sightings in a book;
- Encouraging visitors to record incidental wildlife sightings on a notice board.

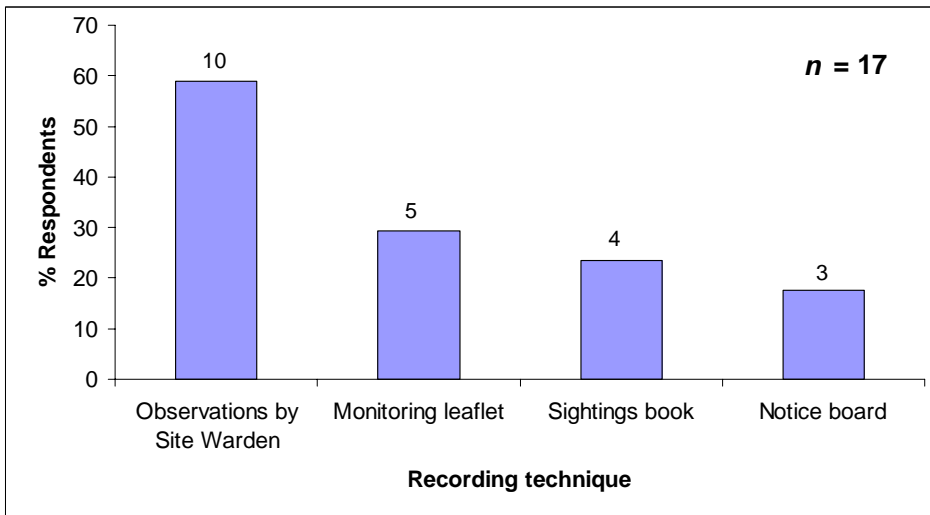


Figure 4. Existing wildlife recording

### 2.2.5 Existing community & visitor involvement

Question: which of the following are activities which are currently undertaken on site?

- Encouraging visitors to participate in guided walks, or talks, by local wildlife specialists, arranged by Site Warden;
- Encouraging visitors to participate in low frequency conservation management (Dry stone walling; hedging, pond clearing, etc.).

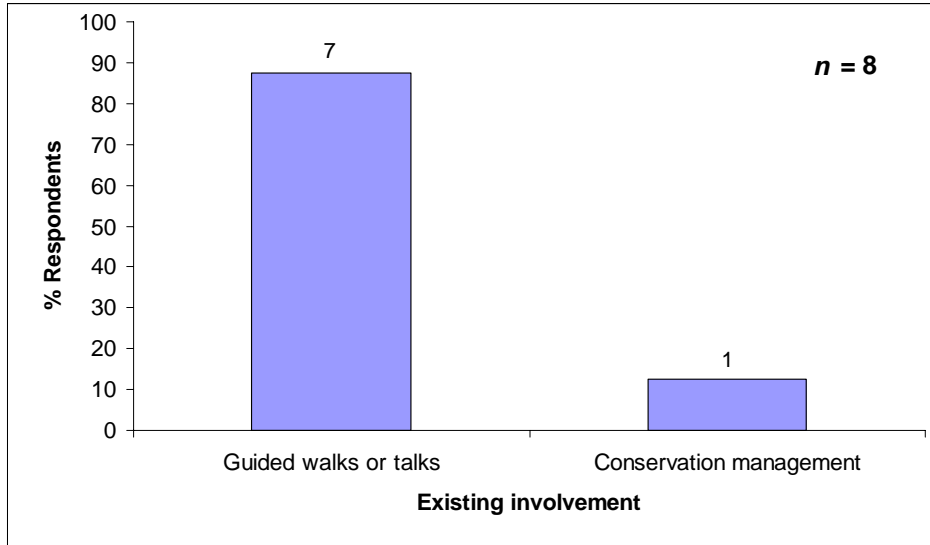


Figure 5. Existing involvement

### 2.2.6 Limitation for wildlife and wildlife management

Question: which of the following currently limit the scope for wildlife and wildlife management on site?

- Lack of space;
- Lack of visitor interest;
- Lack of time;
- Lack of money;
- Lack of habitats perceived as 'interesting', e.g. woodland, meadows, etc;
- Lack of knowledge, or useful information / guidelines on wildlife management;
- Lack of guidance and support from head office;
- A feeling or impression that actions will not achieve much;
- Limitation of visitor needs (e.g. needing short grass for Caravan Pitches, football, etc);
- Already good for wildlife, with little room for improvement.

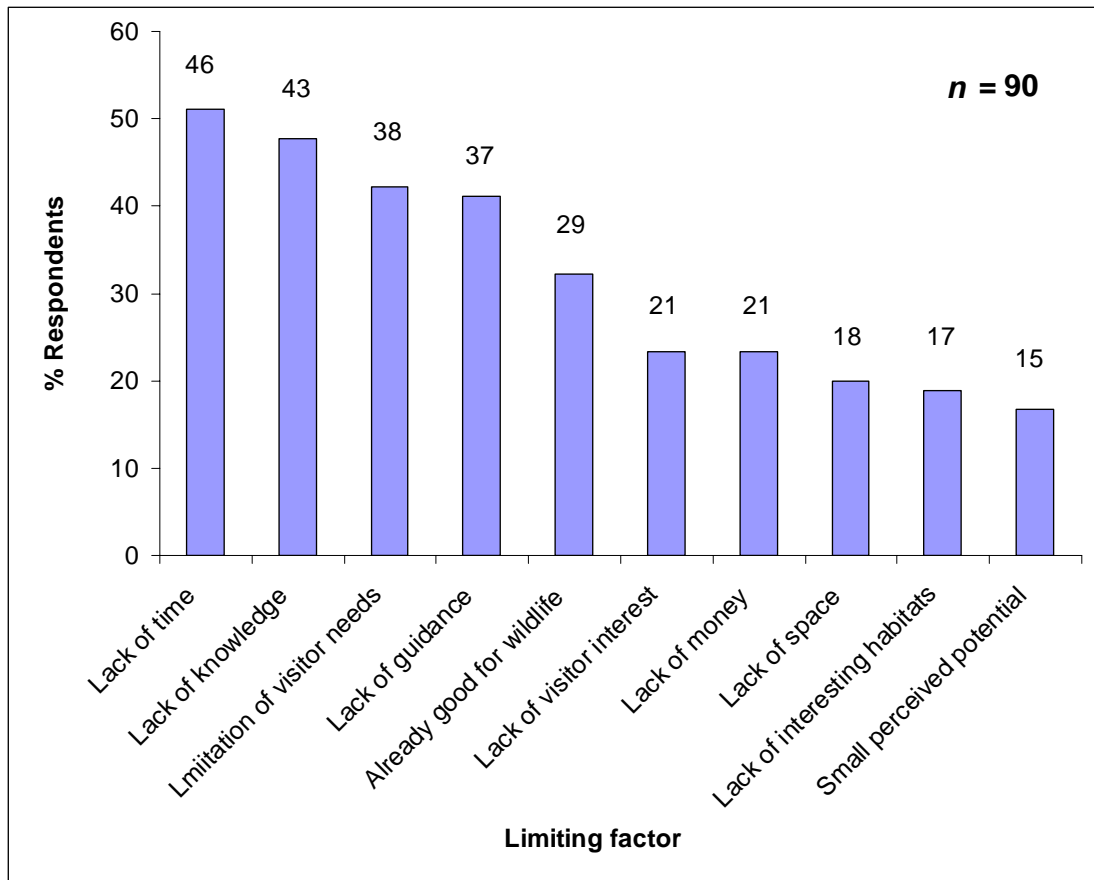


Figure 6. Perceived limitations

### 2.2.7 Priorities and preferences for wildlife management

Question: which of the following are relevant to you/this site?

- Wildlife interpretation for visitors;
- Involvement of visitors in wildlife management or recording;
- Provision of useful, targeted guidance for Site Wardens on wildlife management;
- Appropriate habitat management;
- Provision of 'quiet areas' for wildlife.

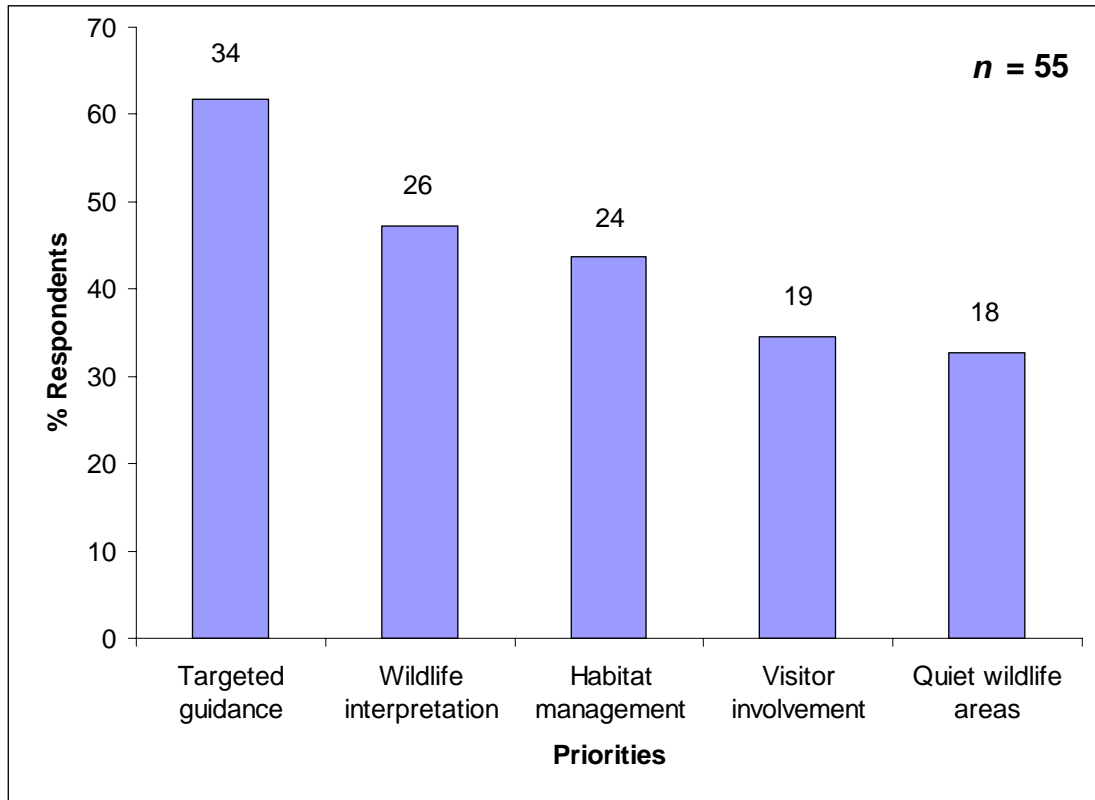


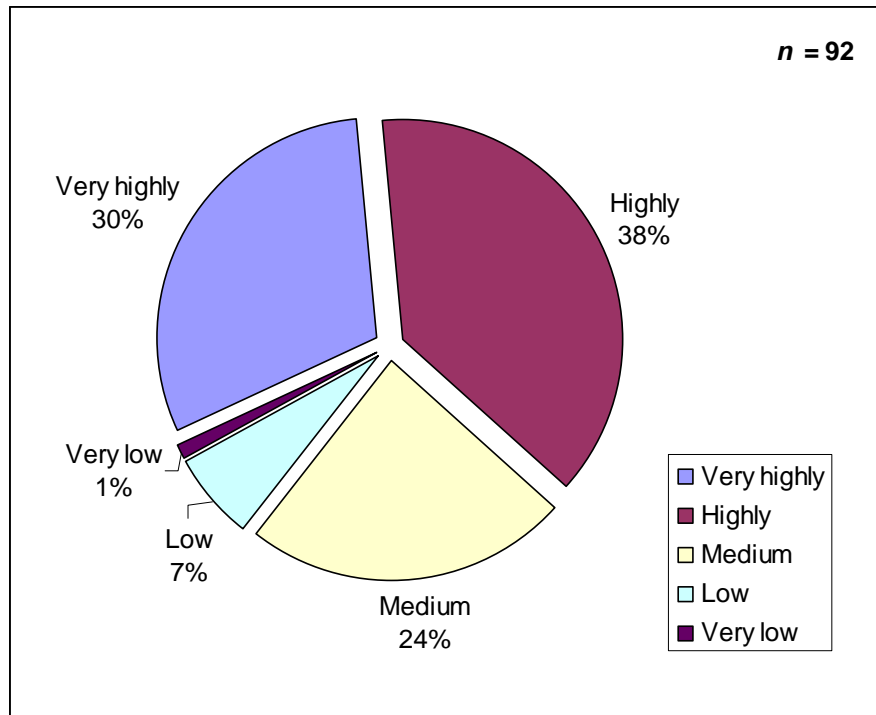
Figure 7. Priorities and preferences

## 2.3 Additional Information

### 2.3.1 Support for biodiversity

Question: How highly do you rate the concept of encouraging wildlife to this site?

Respondents were given a choice of one of five categories.



**Figure 8.** Support for the concept of encouraging wildlife at the Caravan Club sites which were surveyed.

### 2.3.2 Site description

Site Wardens were asked to provide a very brief description of the site, in terms of the habitats and species listed in the questionnaire. Of the 98 Site Wardens who responded, 78 supplied a brief description of their site.

As anticipated, these ranged from opinions that the potential to encourage or enhance biodiversity is very low, such as at Great Yorkshire Showground Caravan Club Site, to those which illustrated sites apparently bursting with wildlife, such as Nunnykirk Caravan Club Site.

Some site descriptions revealed that, at sites with what might be thought to be serious constraining factors, such as proximity to the Gatwick runway, wildlife remained “quite prolific for the area” (Amberley Fields Caravan Club Site).

### **2.3.3 Existing site reports**

Site Wardens were asked to provide details of any wildlife reports or conservation management plans that had previously been written or commissioned for their site.

Very few (only 12) of the Site Wardens who responded to the questionnaire survey were aware of any existing site reports. Only 5 of the Site Wardens listed the Site Ecological Appraisals carried out by JUST ECOLOGY (50 have so far been completed for The Caravan Club). Although it is not clear from these results whether few Wardens thought to include this information because JUST ECOLOGY also carried out the questionnaire survey, it is likely that in reality few of the Site Wardens are aware of, or familiar with the content of these reports – one of the 12 respondents who replied to this question stated simply: “Organised by Caravan Club, not aware of findings”.

Even if Site Wardens have been supplied with a ‘Site-copy’ of these reports, which seems unlikely, this response suggests that Site-Wardens are not making use of what could potentially be a very useful aid to enhancing biodiversity at a basic level (basic, because these appraisals are not management documents in a strict sense, but do provide standard management suggestions).

### **2.3.4 Visitor interest**

Site Wardens were asked to record the details, or approximate numbers of visitors with an interest in wildlife. Almost 20 stated that some or many of their visitors had an interest in wildlife.

## 2.4 Habitats

The results for habitat areas, linear habitats, and isolated features, are given in the following sections. A summary of habitats, broken down by both country and Caravan Club Region is presented in table 1, in section 2.4.9.

### 2.4.1 Woodland

Question: are any of the following woodland types found on your site: Broadleaved woodland; Coniferous woodland; Mixed woodland; Wet woodland; Scrub; Orchard?

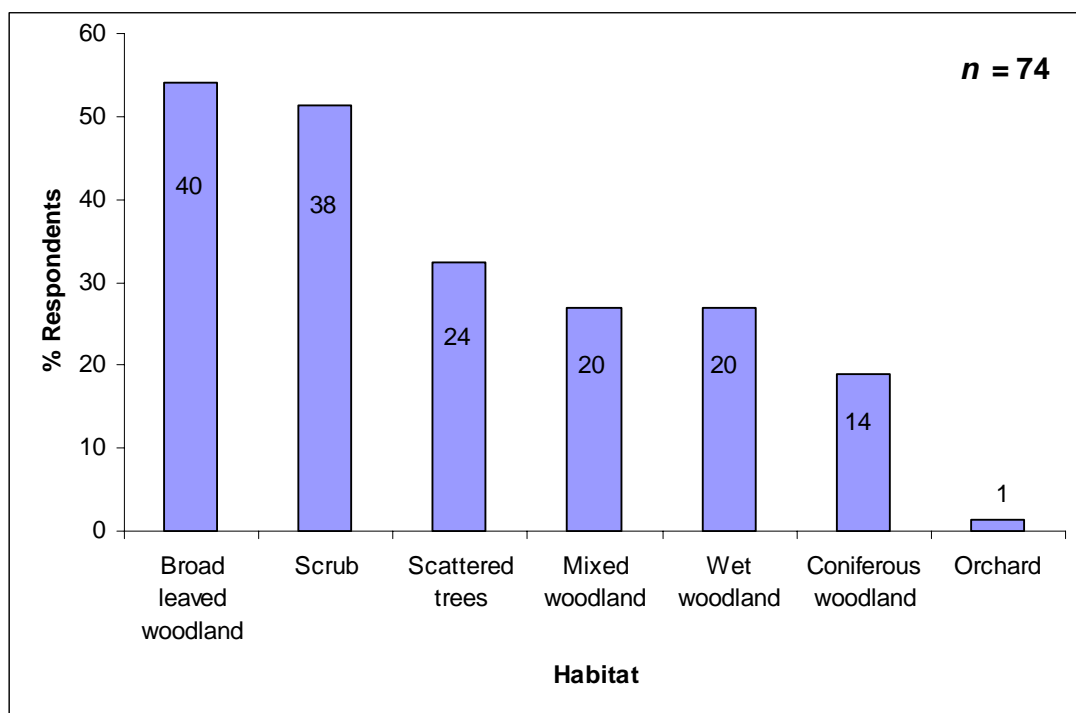


Figure 9. Woodland habitats

### 2.4.2 Grassland

Question: are any of the following grassland types found on your site: Improved (short mown) grassland; Rough grass (e.g. verges); Wet meadow; Acid grassland; Calcareous grassland?

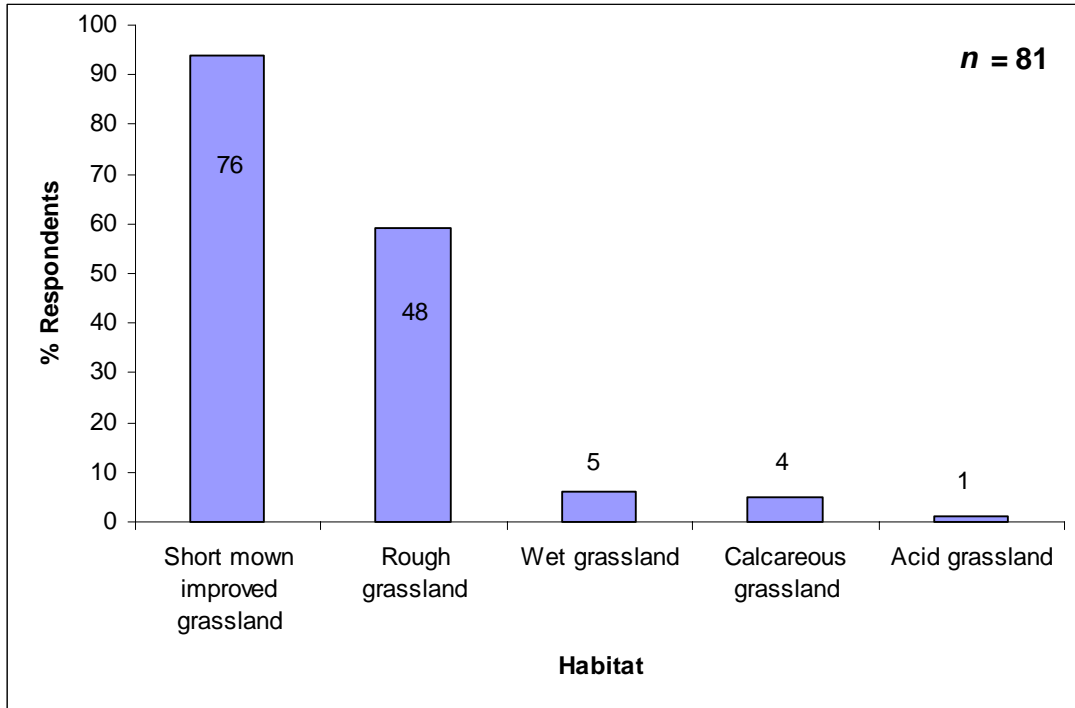


Figure 10. Grassland habitats

### 2.4.3 Water & wetland

Question: Do any of the following water & wetland habitat types occur on your site:  
Fen; Marsh; Swamp; Lakes; Ponds?

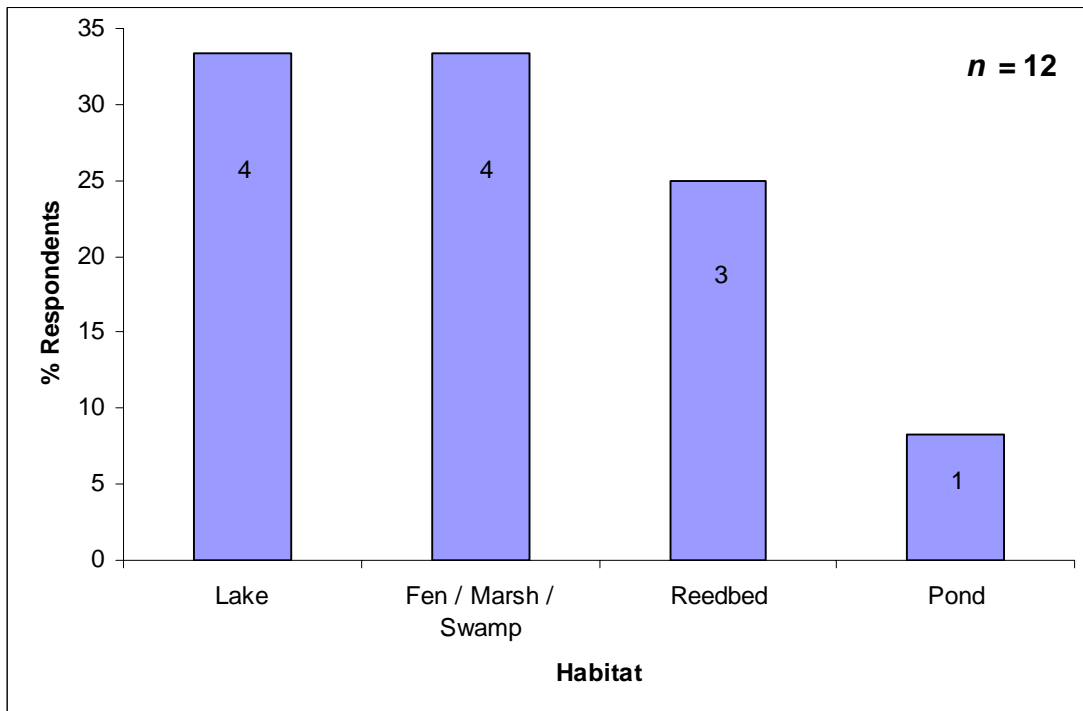


Figure 11. Water & wetland habitats

### 2.4.4 Heathland

Question: are any of the following heathland types found on your site: Lowland heathland, or Upland heathland?

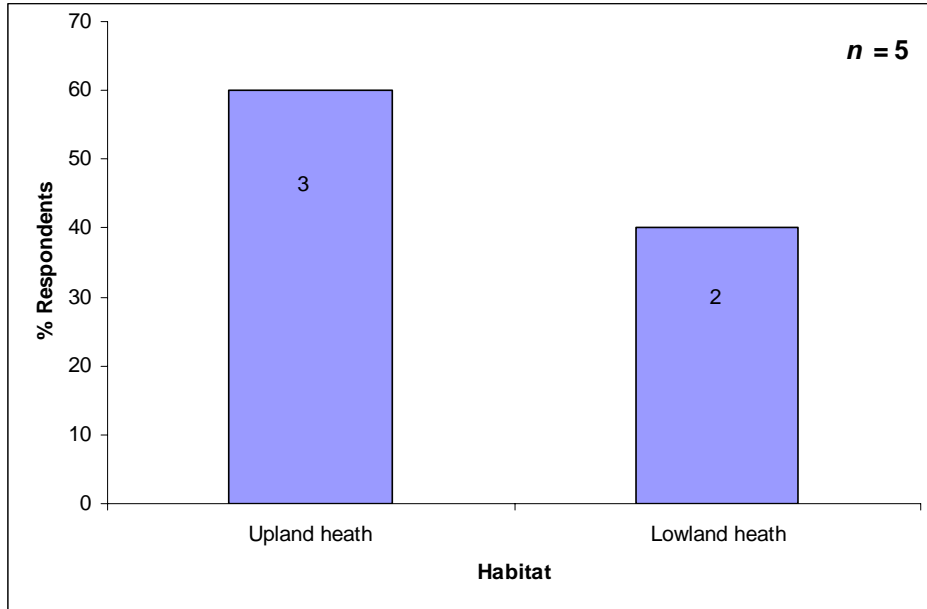
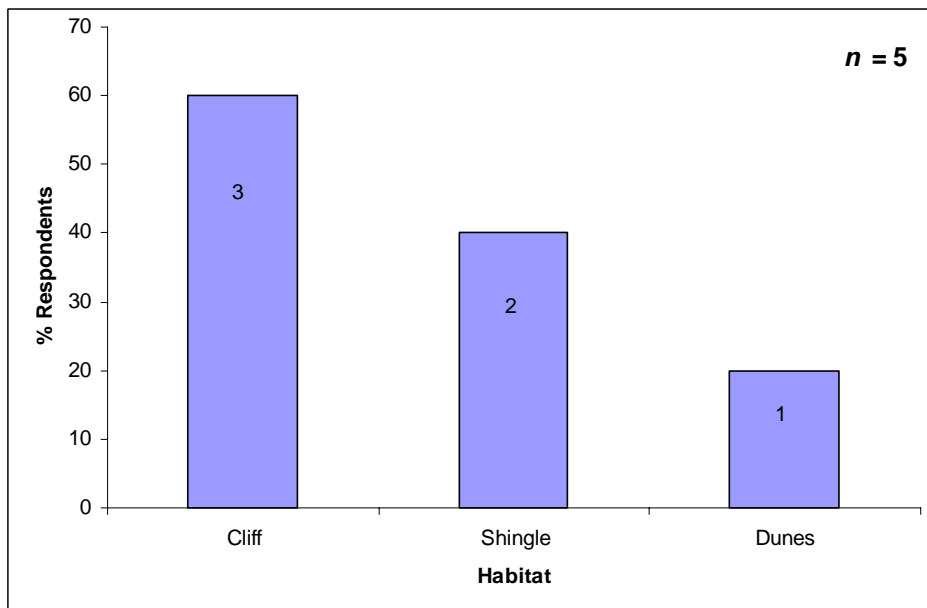


Figure 12. Heathland habitats

### 2.4.5 Coastal

Question: are any of the following coastal habitats found on your site: Sand dunes; Shingle; Coastal cliff edge?



**Figure 13.** Coastal habitats

**2.4.6 Garden**

Question: are there any garden areas at your site?

Thirty two Site Wardens stated that there were garden areas present on their site. The responses illustrated that these ranged from the provision of a few bedding pots, or hanging baskets, to rockeries, larger flower beds and wider herbaceous planting.

Several of the respondents noted that they were trying to encourage, or had wild flowers or orchids on areas of their site (Black Horse Farm; Dockray Meadow; Maragowan; Yellowcraig).

### 2.4.7 Linear habitats

Question: Do any of the following boundary features occur on your site: Species-rich hedgerows; Species-poor hedgerows; Stone walls; Quarry edges; Banks; Ditches; Streams; Rivers; Canals?

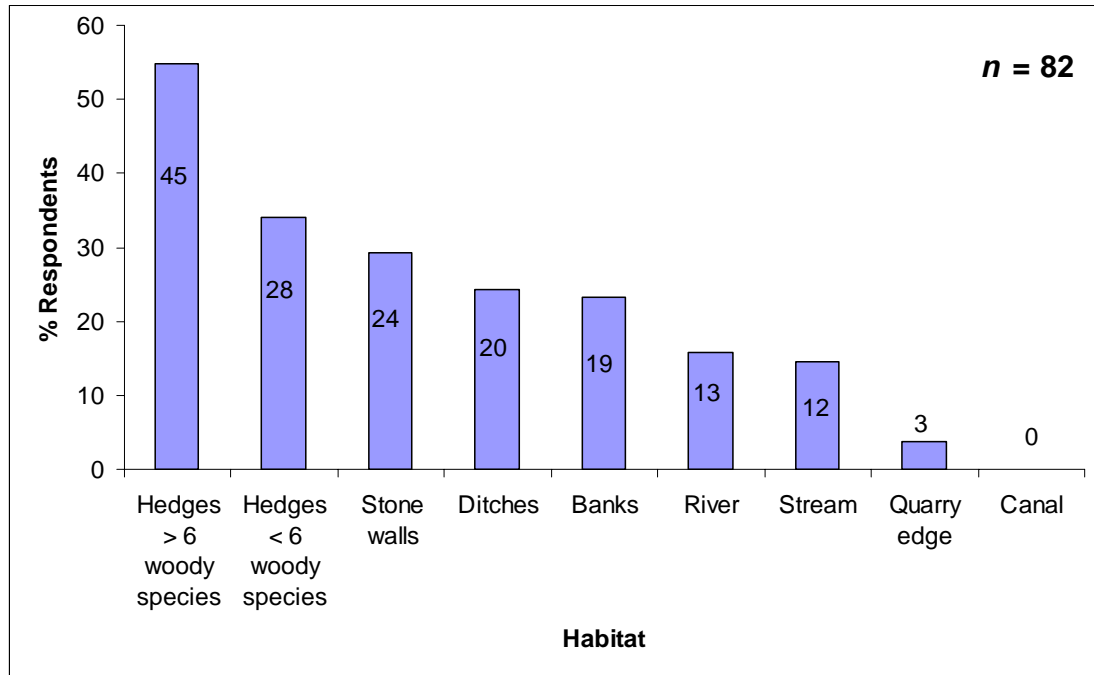


Figure 14. Linear habitats

### 2.4.8 Isolated habitats

Question: are any of the following habitats found on your site: Veteran trees (i.e. alive); Standing dead trees; Fallen trees or branches; Piles of coarse stone and rubble left permanently as wildlife shelters?

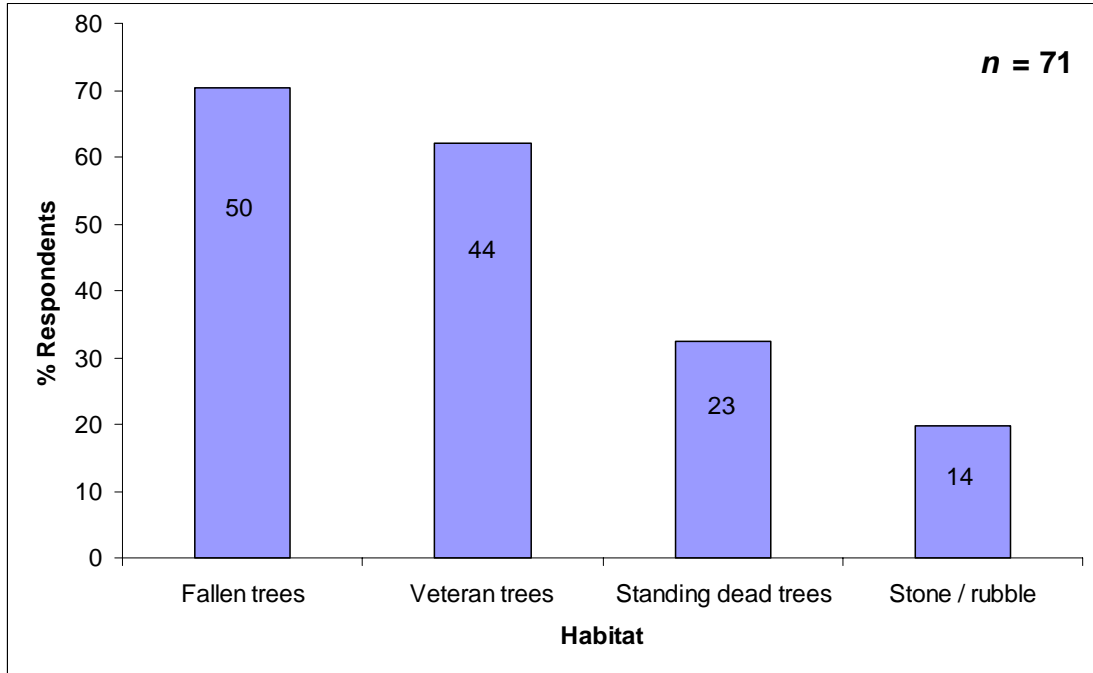


Figure 15. Isolated habitats

### 2.4.9 Habitat summary

**Table 1.** Summary of habitat type presence across the Caravan Club site network, as assessed by the questionnaire survey of Site Wardens. The number of respondents to each section is given with that section (*n*). The data are presented by both country and Caravan Club Region. Table 1 continues overleaf. For Caravan Club Region coding, please see table 2, overleaf.

| Broad habitat                               | Habitat type    | Total No. Sites | Sites in England | Sites in Scotland | Sites in Wales | No. Regions ( <i>n</i> = 14) | Region coding               |
|---|-----------------|-----------------|------------------|-------------------|----------------|------------------------------|-----------------------------|
| <b>Woodland</b><br><i>n</i> = 74            | Broad leaved    | 40              | 30               | 5                 | 5              | 11                           | 1,2,3,4,5,7,8,9,12,13,14    |
|   | Coniferous      | 14              | 10               | 2                 | 2              | 9                            | 1,4,5,6,7,8,10,13,14        |
|   | Mixed           | 20              | 16               | 3                 | 1              | 11                           | 1,2,4,5,6,7,8,10,12,13,14   |
|   | Wet             | 20              | 18               | 0                 | 2              | 12                           | 1,2,3,4,5,7,8,9,10,11,12,14 |
|   | Scattered trees | 24              | 19               | 2                 | 3              | 12                           | 1,2,3,4,5,7,8,9,11,12,13,14 |
|   | Scrub           | 38              | 28               | 6                 | 4              | 11                           | 1,2,3,4,5,7,8,9,12,13,14    |
|   | Orchard         | 1               | 1                | 0                 | 0              | 1                            | 2                           |
| <b>Grassland</b><br><i>n</i> = 81           | Short mown      | 76              | 59               | 9                 | 8              | 14                           | all                         |
|   | Rough           | 48              | 37               | 7                 | 4              | 14                           | all                         |
|   | Wet             | 5               | 4                | 0                 | 1              | 5                            | 2,5,8,11,14                 |
|   | Acid            | 1               | 0                | 0                 | 1              | 1                            | 14                          |
|   | Calcareous      | 4               | 3                | 1                 | 0              | 4                            | 3,4,12,13                   |
| <b>Water &amp; Wetland</b><br><i>n</i> = 12 | Pond            | 1               | 1                | 0                 | 0              | 1                            | 2                           |
|   | Lake            | 4               | 2                | 1                 | 1              | 3                            | 5,13,14                     |
|   | Fen/Marsh/Swamp | 4               | 2                | 1                 | 1              | 4                            | 5,12,13,14                  |
|   | Reedbed         | 3               | 2                | 0                 | 1              | 3                            | 8,12,14                     |
| <b>Heathland</b><br><i>n</i> = 5            | Lowland         | 2               | 2                | 0                 | 0              | 2                            | 3,4                         |
|   | Upland          | 3               | 3                | 0                 | 0              | 3                            | 2,5,7                       |
| <b>Coastal</b><br><i>n</i> = 5              | Dunes           | 1               | 0                | 1                 | 0              | 1                            | 13                          |
|   | Shingle         | 2               | 1                | 1                 | 0              | 2                            | 7,13                        |
|   | Cliff           | 3               | 3                | 0                 | 0              | 3                            | 3,7,10                      |

**Table 1.** Summary table continued ...

| Broad habitat | Habitat type        | Total No. Sites | Sites in England | Sites in Scotland | Sites in Wales | No. Regions (n = 14) | Region coding                  |
|---------------|---------------------|-----------------|------------------|-------------------|----------------|----------------------|--------------------------------|
| <b>n = 82</b> | Boundaries          | 45              | 40               | 1                 | 4              | 13                   | 1,2,3,4,5,6,7,8,9,11,12,13,14  |
|               | Hedges >6 species   | 28              | 20               | 4                 | 4              | 11                   | 2,3,4,6,7,8,10,11,12,13,14     |
|               | Hedges <6 species   | 24              | 17               | 2                 | 5              | 8                    | 1,2,3,6,8,12,13,14             |
|               | Stone walls         | 3               | 3                | 0                 | 0              | 2                    | 8,12                           |
|               | Quarry edge         | 12              | 10               | 1                 | 1              | 9                    | 1,2,3,5,6,7,8,13,14            |
|               | Stream              | 13              | 8                | 4                 | 1              | 7                    | 2,3,5,8,12,13,14               |
|               | River               | 0               | 0                | 0                 | 0              | 0                    | None                           |
|               | Canal               | 19              | 15               | 1                 | 3              | 11                   | 1,2,3,4,5,6,7,8,12,13,14       |
|               | Banks               | 20              | 14               | 3                 | 3              | 11                   | 1,2,3,7,8,9,10,11,12,13,14     |
| Ditches       |                     |                 |                  |                   |                |                      |                                |
| <b>n = 71</b> | Isolated features   | 44              | 36               | 3                 | 5              | 12                   | 1,2,3,4,5,7,8,9,11,12,13,14    |
|               | Veteran trees       | 23              | 17               | 5                 | 1              | 10                   | 1,2,3,4,7,8,11,12,13,14        |
|               | Standing dead trees | 50              | 39               | 6                 | 5              | 13                   | 1,2,3,4,5,6,7,8,10,11,12,13,14 |
|               | Fallen trees        | 14              | 12               | 0                 | 2              | 10                   | 1,2,3,5,6,7,8,11,12,14         |
|               | Stone/rubble        |                 |                  |                   |                |                      |                                |

**Table 2.** Caravan Club Region coding.

| No. | CC Region          |    |                   |
|-----|--------------------|----|-------------------|
| 1   | Cotswolds          | 8  | Southern England  |
| 2   | Cumbria            | 9  | The East Midlands |
| 3   | Devon and Cornwall | 10 | The North West    |
| 4   | East Anglia        | 11 | West Midlands     |
| 5   | North East England | 12 | Yorkshire         |
| 6   | Peak District      | 13 | Scotland          |
| 7   | South East England | 14 | Wales             |

## 2.5 Species

Data for species are given in Table 3. With a single exception, all of the Site Wardens who responded to the survey gave some information concerning wildlife species which had been observed at their site. Indeed, many Wardens provided extra data for additional species, illustrating the wide range of species present across the Caravan Club site series. While space constraints make it impossible to present all of the extra information here, data presented includes the following species that were *added* by Site Wardens: Great crested newt; Linnet; Marsh tit; Mistle thrush; and Red kite. These species were selected for the short-list of 37 habitat and species ‘features’, which went forward to key members of The Caravan Club, following the Biodiversity Audit. Of these additional species, Great crested newt was subsequently selected as a cBAP species (for a more representative indication of Great crested newt distribution across the site network, see the GIS analysis; section 3).

**Table 3.** Summary of species / species group presence across the Caravan Club site network, as assessed by questionnaire survey of Site Wardens. The data are presented by both country and Caravan Club Region. For Caravan Club Region coding, please see table 2, above.

\* Species added by some Site Wardens only, thus appearing to have a low distribution. † Species selected for the cBAP feature short-list. Table 3 continues overleaf.

| Group      | Species / group       | Total No. Sites | Sites in England | Sites in Scotland | Sites in Wales | No. Regions (n = 14) | Regions                        |
|------------|-----------------------|-----------------|------------------|-------------------|----------------|----------------------|--------------------------------|
| Amphibians | Common frog           | 54              | 44               | 5                 | 5              | 13                   | 1,2,3,4,5,6,7,8,9,11,12,13,14  |
|            | Common toad           | 51              | 41               | 6                 | 4              | 14                   | all                            |
|            | Great crested newt *† | 1               | 0                | 0                 | 1              | 1                    | 14                             |
|            | Newts                 | 14              | 11               | 1                 | 2              | 9                    | 1,2,3,5,7,8,12,13,14           |
| Insects    | Bees                  | 92              | 72               | 11                | 9              | 14                   | all                            |
|            | Beetles               | 84              | 66               | 10                | 8              | 14                   | all                            |
|            | Butterflies           | 91              | 72               | 9                 | 10             | 14                   | all                            |
|            | Damsel/Dragonflies    | 77              | 62               | 6                 | 9              | 14                   | all                            |
|            | Grasshoppers/Crickets | 61              | 52               | 4                 | 5              | 13                   | 1,3,4,5,6,7,8,9,10,11,12,13,14 |
|            | Ladybirds             | 81              | 63               | 10                | 8              | 14                   | all                            |

Caravan Club site-wide biodiversity audit 2006

| Group         | Species / group              | Total No. Sites | Sites in England | Sites in Scotland | Sites in Wales | No. Regions (n = 14)        | Regions                       |
|---------------|------------------------------|-----------------|------------------|-------------------|----------------|-----------------------------|-------------------------------|
|               | Moths                        | 93              | 72               | 11                | 10             | 14                          | all                           |
| Mammals       | Badger                       | 25              | 23               | 0                 | 2              | 9                           | 1,2,3,5,7,8,9,12,14           |
|               | Bats <sup>(†)</sup>          | 60              | 46               | 9                 | 5              | 14                          | all                           |
|               | Common dormouse <sup>†</sup> | 30              | 23               | 4                 | 3              | 12                          | 1,3,4,5,6,7,8,9,10,12,13,14   |
|               | Deer                         | 40              | 33               | 7                 | 0              | 11                          | 1,2,3,4,5,6,7,8,9,12,13       |
|               | Field vole                   | 33              | 29               | 2                 | 2              | 13                          | 1,2,3,4,5,6,7,8,9,11,12,13,14 |
|               | Fox                          | 57              | 48               | 2                 | 7              | 14                          | all                           |
|               | Grey squirrel                | 70              | 59               | 3                 | 8              | 14                          | all                           |
|               | Hedgehog                     | 45              | 35               | 3                 | 7              | 13                          | 1,2,3,4,5,6,7,8,9,10,12,13,14 |
|               | Mole                         | 62              | 46               | 6                 | 10             | 14                          | all                           |
|               | Otter                        | 9               | 8                | 1                 | 0              | 7                           | 2,3,5,7,8,12,13               |
|               | Rabbit                       | 70              | 58               | 4                 | 8              | 14                          | all                           |
|               | Red squirrel <sup>†</sup>    | 14              | 10               | 4                 | 0              | 6                           | 2,3,5,7,12,13                 |
|               | Shrew                        | 25              | 20               | 2                 | 3              | 11                          | 1,3,4,5,6,7,8,9,12,13,14      |
|               | Stoat                        | 23              | 20               | 2                 | 1              | 11                          | 1,2,3,4,5,7,8,9,12,13,14      |
|               | Water vole                   | 13              | 8                | 3                 | 2              | 9                           | 2,3,5,6,7,9,12,13,14          |
| Wood mouse    | 37                           | 30              | 4                | 3                 | 12             | 1,2,3,4,5,6,7,8,11,12,13,14 |                               |
| Reptiles      | Adder                        | 24              | 22               | 1                 | 1              | 11                          | 1,2,3,4,5,7,8,9,12,13,14      |
|               | Common lizard                | 14              | 12               | 2                 | 0              | 6                           | 3,5,7,8,12,13                 |
|               | Grass snake                  | 28              | 23               | 1                 | 4              | 12                          | 1,2,3,4,5,6,7,8,9,12,13,14    |
|               | Slow worm <sup>†</sup>       | 23              | 21               | 0                 | 2              | 10                          | 2,3,4,5,6,7,8,9,12,14         |
| Birds of prey | Buzzard                      | 53              | 37               | 7                 | 9              | 14                          | all                           |
|               | Kestrel <sup>†</sup>         | 42              | 35               | 3                 | 4              | 14                          | all                           |
|               | Kite                         | 18              | 11               | 2                 | 5              | 8                           | 1,3,5,6,7,12,13,14            |
|               | Red kite <sup>*†</sup>       | 1               | 1                | 0                 | 0              | 1                           | 5                             |
| Coastal birds | Common gull                  | 49              | 37               | 5                 | 7              | 12                          | 1,2,3,4,7,8,9,10,11,12,13,14  |
| Corvids       | Crow                         | 82              | 66               | 10                | 6              | 14                          | all                           |
|               | Jackdaw                      | 49              | 43               | 2                 | 4              | 13                          | 1,2,3,4,5,6,7,8,9,11,12,13,14 |
|               | Magpie                       | 79              | 64               | 5                 | 10             | 14                          | all                           |
|               | Raven                        | 20              | 18               | 0                 | 2              | 9                           | 1,2,3,5,7,8,11,12,14          |
|               | Rook                         | 42              | 36               | 2                 | 4              | 14                          | all                           |

Caravan Club site-wide biodiversity audit 2006

| Group          | Species / group           | Total No. Sites | Sites in England | Sites in Scotland | Sites in Wales | No. Regions (n = 14) | Regions                        |
|----------------|---------------------------|-----------------|------------------|-------------------|----------------|----------------------|--------------------------------|
| Farmland birds | Lapwing                   | 18              | 15               | 1                 | 2              | 7                    | 3,5,8,9,12,13,14               |
|                | Larks/ Pipits             | 11              | 9                | 1                 | 1              | 7                    | 2,3,7,9,12,13,14               |
|                | Linnet *†                 | 2               | 2                | 0                 | 0              | 2                    | 3,7                            |
|                | Swallows/Swifts/Martens † | 81              | 60               | 10                | 11             | 14                   | all                            |
| Wading birds   | Avocet                    | 4               | 4                | 0                 | 0              | 3                    | 3,7,12                         |
|                | Oystercatcher             | 12              | 8                | 4                 | 0              | 7                    | 3,5,7,8,10,12,13               |
|                | Plovers                   | 6               | 5                | 1                 | 0              | 4                    | 3,7,12,13                      |
|                | Redshank                  | 6               | 5                | 1                 | 0              | 4                    | 3,7,12,13                      |
| Water birds    | Coot                      | 12              | 11               | 0                 | 1              | 8                    | 3,5,6,7,8,9,12,14              |
|                | Ducks                     | 43              | 35               | 5                 | 3              | 13                   | 1,2,3,4,5,6,7,8,9,10,12,13,14  |
|                | Heron                     | 37              | 26               | 5                 | 6              | 12                   | 1,2,3,5,6,7,8,9,10,12,13,14    |
|                | Moorhen                   | 16              | 15               | 0                 | 1              | 9                    | 3,4,5,6,7,8,9,12,14            |
|                | Swans                     | 14              | 9                | 4                 | 1              | 8                    | 3,5,7,8,9,12,13,14             |
| Woodland birds | Blackbird                 | 90              | 71               | 11                | 8              | 14                   | all                            |
|                | Blue tit                  | 91              | 71               | 11                | 9              | 14                   | all                            |
|                | Bullfinch †               | 52              | 42               | 3                 | 7              | 14                   | all                            |
|                | Chaffinch                 | 83              | 65               | 9                 | 9              | 14                   | all                            |
|                | Coal tit                  | 56              | 44               | 5                 | 7              | 14                   | all                            |
|                | Collared dove             | 69              | 59               | 4                 | 6              | 14                   | all                            |
|                | Dunnock                   | 69              | 52               | 9                 | 8              | 14                   | all                            |
|                | Flycatchers               | 23              | 19               | 2                 | 2              | 12                   | 2,3,4,5,6,7,8,9,10,12,13,14    |
|                | Goldcrest †               | 31              | 21               | 4                 | 6              | 8                    | 2,3,5,7,8,12,13,14             |
|                | Great tit                 | 68              | 55               | 7                 | 6              | 14                   | all                            |
|                | House sparrow †           | 61              | 45               | 9                 | 7              | 13                   | 1,2,3,4,6,7,8,9,10,11,12,13,14 |
|                | Marsh tit *†              | 4               | 4                | 0                 | 0              | 4                    | 1,3,8,12                       |
|                | Mistle thrush *†          | 4               | 2                | 0                 | 2              | 3                    | 9,12,14                        |
|                | Nuthatch                  | 45              | 38               | 0                 | 7              | 13                   | 1,2,3,4,5,6,7,8,9,10,11,12,14  |
|                | Owls                      | 75              | 58               | 7                 | 10             | 14                   | all                            |
|                | Robin                     | 90              | 70               | 10                | 10             | 14                   | all                            |
|                | Song thrush †             | 76              | 57               | 10                | 9              | 14                   | all                            |
|                | Treecreeper               | 44              | 34               | 5                 | 5              | 14                   | all                            |

*Caravan Club site-wide biodiversity audit 2006*

| <b>Group</b> | <b>Species / group</b> | <b>Total<br/>No. Sites</b> | <b>Sites in<br/>England</b> | <b>Sites in<br/>Scotland</b> | <b>Sites in<br/>Wales</b> | <b>No. Regions<br/>(n = 14)</b> | <b>Regions</b> |
|--------------|------------------------|----------------------------|-----------------------------|------------------------------|---------------------------|---------------------------------|----------------|
|              | Wagtails               | 61                         | 48                          | 6                            | 7                         | 14                              | all            |
|              | Wood pigeon            | 86                         | 69                          | 8                            | 9                         | 14                              | all            |
|              | Woodpeckers            | 72                         | 60                          | 5                            | 7                         | 14                              | all            |
|              | Wren                   | 75                         | 60                          | 7                            | 8                         | 14                              | all            |

## 2.6 Questionnaire data evaluation

The Caravan Club questionnaire survey provided a wealth of useful and interesting information regarding both the biodiversity of Caravan Club sites, and attitudes towards the work involved in trying to enhance biodiversity across the sites network.

Although conservation-orientated management appears to be extensive across Club sites, it appears that there are limitations to this work. Interestingly, one of the Site Wardens who responded to the survey limited their *entire questionnaire response* to three ticks in this section: Lack of time, Lack of money, and Lack of guidance. The questionnaire responses suggested that the majority of Site Wardens feel ill-equipped to provide *effective* wildlife management, and see the provision of targeted guidance as a key priority for the management of biodiversity.

Respondents did highlight the fact that visitor needs (i.e. for pitches, play areas, etc.) can also form a significant limitation to biodiversity; i.e. 'there isn't room here for wildlife'. Thus one of the key messages of the BAPs which accompany this document is that many of the Caravan Club cBAP features can thrive at popular and busy sites, providing they are managed effectively. Encouragingly, almost 70% of Site Warden respondents stated that they rated the concept of encouraging wildlife either 'highly', or very 'highly'.

Information about on-site wildlife is provided for visitors at some sites, but this does not appear to form part of a systematic or structured process. Similarly, provision for wildlife recording is poor, with only 17 sites highlighting some form of recording. Collection of good quality data is an essential first step towards effective management of any resource – this is no less true for the management of biodiversity. In consequence, site-wide surveys encompassing the status and extent of each of the cBAP features is a key recommendation for progress towards attaining BAP targets.

The survey highlights the fact that Caravan Club sites encompass a wide variety of semi-natural habitats, from dense woodlands to open grasslands, and from wetland habitats to dry heathlands. Man-made habitat features are also common, with hedgerows being the most frequent. Unfortunately, assessment of the quality of these habitats is beyond the scope of the questionnaire survey, and should form a central part of the habitat surveys which are recommended in the feature BAPs. Once quality, status, and importantly extent, have been assessed, appropriate management can be proposed and carried out for each of these features at each site.

As a result of this habitat diversity, Caravan Club sites also appear to be a haven for numerous species of wildlife, with birds in particular benefiting from both the intimate mix of habitats provided by Club sites, and the feeding stations and nest-boxes erected by Club members and Site Wardens. However, many of the species listed in the questionnaire were, of necessity, more generalist (or more common) species, and consequently data on some of the rarer, or more elusive species, or species groups, is sparse.

In order to deliver significant biodiversity gains, as anticipated by accession to the BAP scheme, specific management which is not currently undertaken will be required for some cBAP habitats and species. This does not need to be in conflict with other site uses, but will need to be tailored to the habitats, opportunities and constraints associated with each site.

### **3 GIS examination**

#### **3.1 Aims**

As described in the Main Report, a GIS (Geographical Information System) examination of national designations (SSSIs, etc.), existing national habitat inventories (Ancient Woodland Inventory, etc.), and existing species records, was undertaken in order to complement the data collected during the questionnaire survey.

#### **3.2 GIS protocol**

The GIS examination was based on Ordnance Survey grid references provided by The Caravan Club for the locations of each of their sites. These points were used to create a 1 km 'buffer' for each site, which was then used in a 'co-incident' analysis, to investigate overlaps with existing inventories and records. For a more detailed explanation of the methods employed for this analysis, please see the Main Report which accompanies this document.

### 3.3 National designations

**Table 4.** Co-occurrence of Caravan Club sites with national conservation designations, as assessed using GIS analysis of site 'buffers'. The data are presented by Caravan Club Region, with a row at the foot of the table illustrating a summary for the Regions in England (Scotland and Wales being discreet Caravan Club regions). Numbers outside of the parentheses indicate the number of Club site buffers which fall within a protected area. Numbers inside parentheses indicate the range of sizes (ha) of these designated areas. For example, in the north east of England, two Caravan Club sites overlap with Ramsar-designated areas, and the sizes of these protected areas are 1.4 ha and 28.8 ha, respectively. For explanation of nature conservation designation acronyms, please see Annex 1 of the Main Report (Glossary of terms).

| Region                    | Ramsar site (UK) | SAC site (UK)   | SPA site (UK)  | SSSI (England)  | SSSI (Wales) | SSSI (Scotland) | SSSI (UK)       |
|---------------------------|------------------|-----------------|----------------|-----------------|--------------|-----------------|-----------------|
| <b>Cotswolds</b>          | -                | -               | -              | 4 (1.4-41.6)    | -            | -               | 4 (1.4-41.6)    |
| <b>Cumbria</b>            | -                | 4 (5.4-121.2)   | -              | 5 (0.2-128.5)   | -            | -               | 5 (0.2-128.5)   |
| <b>Devon and Cornwall</b> | -                | 6 (1.3-51.2)    | -              | 10 (1.3-104.9)  | -            | -               | 10 (1.3-104.9)  |
| <b>East Anglia</b>        | -                | 1 (18.1)        | 2 (20.1-37.1)  | 8 (4.1-230.3)   | -            | -               | 8 (4.1-230.3)   |
| <b>North East England</b> | 2 (1.4-28.8)     | 2 (3.7-128.1)   | 2 (1.4-34.8)   | 3 (3.7-91.5)    | -            | -               | 3 (3.7-91.5)    |
| <b>Peak District</b>      | -                | -               | -              | 2 (4.3-36.8)    | -            | -               | 2 (4.3-36.8)    |
| <b>South East England</b> | -                | -               | -              | 4 (0.2-68.1)    | -            | -               | 4 (0.2-68.1)    |
| <b>Southern England</b>   | 3 (6.2-226.0)    | 6 (0.1-228.1)   | 4 (17.3-225.8) | 10 (0.05-229.2) | -            | -               | 10 (0.05-229.2) |
| <b>The East Midlands</b>  | -                | -               | -              | 2 (0.2-39.0)    | -            | -               | 2 (0.2-39.0)    |
| <b>The North West</b>     | 2 (114.0-117.1)  | 1 (114.4)       | 2 (99.7-117.6) | 2 (122.7-129.8) | 1 (117.6)*   | -               | 3 (117.6-129.8) |
| <b>West Midlands</b>      | -                | -               | -              | 1 (28.5)        | -            | -               | 1 (28.5)        |
| <b>Yorkshire</b>          | -                | 4 (0.8-99.0)    | 3 (0.8-99.1)   | 6 (14.2-99.3)   | -            | -               | 6 (14.2-99.3)   |
| <b>Scotland</b>           | 3 (29.8-66.7)    | 10 (10.9-189.0) | 3 (29.8-66.7)  | -               | -            | 10 (4.1-149.4)  | 10 (4.1-149.4)  |
| <b>Wales</b>              | 3 (16.3-59.7)    | 7 (2-72.4)      | 3 (2-58.9)     | 1 (2.1)*        | 8 (1.2-62.2) | -               | 9 (1.2-62.2)    |
| <b>England</b>            | 7 (1.4-226.0)    | 24 (0.1-228.1)  | 13 (0.8-225.8) | 57 (0.05-230.3) | 1 (117.6)*   | -               | 58 (0.05-230.3) |

\* These occurrences are a result of the buffers for two sites (Lady Margaret's Park, Wrexham, Wales; Wirral Country Park, Merseyside, England), both located near the England/Wales border, coinciding with designated areas on *both sides* of the border, thus reducing the total number of Caravan Club sites which overlap a designated area by 2.

### 3.4 National habitat inventories

**Table 5** (continues overleaf). Co-occurrence of Caravan Club sites with habitats listed on national inventories, as assessed using GIS analysis of site 'buffers'. The data are presented by Caravan Club Region, with a column at the end of the table illustrating a summary for the Regions in England. Numbers to the left of the parentheses indicate the number of Club sites which fell within, or within 1 km of, a national inventory habitat. Numbers inside parentheses indicate the range of sizes (ha) of these habitats. Numbers in square brackets indicate the total area of these habitats which coincide with, or are close to, Caravan Club sites. Due to data availability, all records are for Inventories of England, with the exception of Ancient Woodland Inventory data for Scotland. Due to the number of Regions, and the number national inventory habitats, this table is split into 2 parts.

|                                       | Cotswolds           | Cumbria                | Devon and Cornwall   | East Anglia            | North East England   | Peak District      | South East England   | Southern England      |
|---------------------------------------|---------------------|------------------------|----------------------|------------------------|----------------------|--------------------|----------------------|-----------------------|
| Ancient Woodland Inventory (Scotland) | -                   | -                      | -                    | -                      | -                    | -                  | -                    | -                     |
| Ancient Woodland Inventory            | 4 (0.1-31.7) [50.2] | 5 (17.6-65.6) [187.2]  | 6 (3-38.4) [70.2]    | 2 (2-28.5) [30.6]      | 2 (24.4-38.8) [63.2] | 1 (12.8) [12.8]    | 11 (0-89.5) [446.2]  | 8 (0.7-220.4) [366.3] |
| Lowland calcareous grassland          | 1 (2.3) [2.3]       | -                      | -                    | 1 (1.2) [1.2]          | -                    | 2 (4.2-23.8) [28]  | 1 (1.4) [1.4]        | 1 (25.3) [25.3]       |
| Upland calcareous grassland           | -                   | -                      | -                    | -                      | -                    | 1 (36.8) [36.8]    | -                    | -                     |
| Lowland dry acid grassland            | -                   | -                      | 1 (44.3) [44.3]      | 1 (49.2) [49.2]        | -                    | 2 (6.6-6.7) [13.3] | -                    | 1 (0.1) [0.1]         |
| Lowland meadows                       | 1 (0.3) [0.3]       | -                      | 1 (26.5) [26.5]      | -                      | -                    | 1 (23.8) [23.8]    | -                    | 1 (10.6) [10.6]       |
| Purple moor grass and rush pastures   | -                   | -                      | -                    | -                      | -                    | -                  | -                    | 2 (2.2-8.9) [11.1]    |
| Fens                                  | 1 (9) [9]           | 1 (5.4) [5.4]          | 1 (2.4) [2.4]        | -                      | -                    | -                  | -                    | 4 (1.1-228.1) [257.1] |
| Lowland raised bog                    | -                   | 1 (15.5) [15.5]        | -                    | -                      | -                    | -                  | -                    | -                     |
| Reedbeds                              | 1 (2.4) [2.4]       | -                      | -                    | 2 (4.1-5.3) [9.4]      | 1 (0.1) [0.1]        | -                  | 2 (28.7-68.1) [96.8] | 1 (60.8) [60.8]       |
| Coastal and floodplain grazing marsh  | 1 (128.1) [128.1]   | 2 (48.3-180.2) [228.5] | -                    | 3 (16.5-128.3) [213.5] | 1 (23.6) [23.6]      | -                  | 1 (6.9) [6.9]        | 4 (9.3-142.8) [254.5] |
| Maritime cliff and slopes             | -                   | -                      | 7 (0.6-73.6) [136.9] | 3 (6.1-23.9) [48.8]    | 2 (2.7-37.3) [40]    | -                  | -                    | -                     |
| Coastal sand dunes                    | -                   | -                      | 2 (1.7-91.8) [93.5]  | 2 (22.2-54.5) [76.8]   | -                    | -                  | -                    | 1 (55.5) [55.5]       |

Caravan Club site-wide biodiversity audit 2006

|                                  |                     |                       |                      |                     |                      |                 |                      |                       |
|----------------------------------|---------------------|-----------------------|----------------------|---------------------|----------------------|-----------------|----------------------|-----------------------|
| Coastal vegetated shingle        | -                   | -                     | -                    | 1 (28.1) [28.1]     | -                    | -               | -                    | -                     |
| Mudflats                         | -                   | -                     | -                    | 1 (0.5) [0.5]       | 1 (2.4) [2.4]        | -               | -                    | 2 (8-27.5) [35.5]     |
| Lowland heathland                | -                   | -                     | 5 (3.1-78.4) [140.3] | 2 (3.6-21.6) [25.2] | 1 (32.8) [32.8]      | -               | 1 (49.8) [49.8]      | 4 (1.1-181.8) [199.1] |
| Upland heathland                 | -                   | 3 (21.3-63.3) [120.6] | -                    | -                   | 1 (33.9) [33.9]      | 1 (7.2) [7.2]   | -                    | 1 (2.9) [2.9]         |
| Lowland beech and yew woodland   | 1 (32.4) [32.4]     | -                     | 1 (31.2) [31.2]      | -                   | -                    | -               | 2 (23.8-70.9) [94.8] | 2 (4.3-11.7) [16]     |
| Lowland mixed deciduous woodland | 2 (2.4-16.4) [18.8] | 4 (1.7-50.2) [113.7]  | 6 (3.1-14.3) [41.5]  | -                   | -                    | 1 (11.9) [11.9] | 6 (0.6-52.5) [128.4] | 5 (0.5-23.7) [40]     |
| Upland mixed ashwoods            | -                   | -                     | -                    | -                   | -                    | -               | -                    | -                     |
| Upland oakwood                   | -                   | 2 (11.4-70.7) [82.1]  | -                    | -                   | -                    | -               | -                    | 2 (2.3-37) [39.2]     |
| Wet woodland                     | 1 (0.1) [0.1]       | 1 (6.2) [6.2]         | -                    | 1 (29.4) [29.4]     | 2 (21.2-40.1) [61.3] | -               | 6 (3.1-87.4) [230.5] | 4 (2.3-221.9) [282.7] |

Caravan Club site-wide biodiversity audit 2006

|                                       | The East Midlands | The North West      | West Midlands   | Yorkshire          | England     | Scotland              | Wales          |
|---------------------------------------|-------------------|---------------------|-----------------|--------------------|-------------|-----------------------|----------------|
| Ancient Woodland Inventory (Scotland) | -                 | -                   | -               | -                  | -           | 12 (11.4-110.1) [449] | -              |
| Ancient Woodland Inventory            | 1 (77.8) [77.8]   | -                   | 1 (34.9) [34.9] | 7 (9-48.2) [212]   | 48 [1551.2] | -                     | 1 (1.6) [1.6]* |
| Lowland calcareous grassland          | -                 | -                   | -               | 1 (15.3) [15.3]    | 7 [73.5]    | -                     | -              |
| Upland calcareous grassland           | -                 | -                   | -               | 1 (13.4) [13.4]    | 2 [50.2]    | -                     | -              |
| Lowland dry acid grassland            | 1 (40.8) [40.8]   | 2 (4.8-17.3) [22.1] | -               | 1 (11.7) [11.7]    | 9 [181.4]   | -                     | -              |
| Lowland meadows                       | -                 | 2 (1.9-4.8) [6.8]   | -               | -                  | 6 [68]      | -                     | -              |
| Purple moor grass and rush pastures   | 1 (0.2) [0.2]     | 1 (4.2) [4.2]       | -               | 1 (0.6) [0.6]      | 5 [16.2]    | -                     | -              |
| Fens                                  | -                 | -                   | -               | -                  | 7 [273.9]   | -                     | -              |
| Lowland raised bog                    | -                 | -                   | -               | -                  | 1 [15.5]    | -                     | -              |
| Reedbeds                              | 1 (0.2) [0.2]     | -                   | -               | -                  | 8 [169.8]   | -                     | -              |
| Coastal and floodplain grazing marsh  | -                 | 1 (32.9) [32.9]     | -               | 1 (45.4) [45.4]    | 14 [933.3]  | -                     | -              |
| Maritime cliff and slopes             | -                 | 1 (8.8) [8.8]       | -               | -                  | 13 [234.5]  | -                     | -              |
| Coastal sand dunes                    | -                 | 1 (28.8) [28.8]     | -               | -                  | 6 [254.5]   | -                     | -              |
| Coastal vegetated shingle             | -                 | -                   | -               | -                  | 1 [28.1]    | -                     | -              |
| Mudflats                              | -                 | -                   | -               | -                  | 4 [38.4]    | -                     | -              |
| Lowland heathland                     | 1 (45.4) [45.4]   | -                   | -               | -                  | 14 [492.5]  | -                     | -              |
| Upland heathland                      | -                 | -                   | 1 (4.2) [4.2]   | 4 (0-126) [174.3]  | 11 [343.2]  | -                     | -              |
| Lowland beech and yew woodland        | -                 | -                   | -               | 2 (23.8-32) [55.8] | 8 [230.2]   | -                     | -              |
| Lowland mixed deciduous woodland      | -                 | -                   | -               | 4 (5-32.1) [78.8]  | 28 [433.2]  | -                     | -              |
| Upland mixed ashwoods                 | -                 | -                   | -               | 1 (20.1) [20.1]    | 1 [20.1]    | -                     | -              |
| Upland oakwood                        | -                 | -                   | -               | -                  | 4 [121.4]   | -                     | 1 (1.7) [1.7]* |
| Wet woodland                          | 1 (76.4) [76.4]   | -                   | 1 (34.4) [34.4] | 3 (6.2-49) [64]    | 20 [785.1]  | -                     | -              |

\* As with Table 4, these occurrences are a result of the site/buffer for Lady Margaret's Park, Wrexham (Wales), located near the England/Wales border, coinciding with national inventory habitats recorded for the English side of the border.

### 3.5 Existing species records

Records for a wide range of priority species, from a variety of species groups (amphibians, birds, insects, mammals, plants and reptiles), were interrogated using data held on the National Biodiversity Network (NBN) database. The sources of this data are listed in Table A2.3 (Annex 2) of the Main Report.

For the purposes of presentation, the results of this investigation have been divided into Tables 6 – 10, as follows: Table 6, bats; Table 7, mammals and birds; Table 8, invertebrates; Table 9, amphibians, reptiles and non-orchid plants; Table 10, orchids. Each table gives the number of sites per region which fall within, or coincide with, the hectads (10 km x 10 km square) in which priority species have previously been recorded (given in parentheses). Numbers outside of the parentheses specify the number of sites per region falling within a hectad containing a species record made in, *or more recently than*, 1980. Thus, for Table 6, 3 Caravan Club sites in the Cotswolds region fall within, or coincide with, hectads in which Barbastelle bat has been recorded, and for 2 of these sites, the records are for, or more recent than, 1980. Species in the tables which were selected for inclusion in the Caravan Club cBAP are indicated with an asterisk.

**Table 6.** Caravan Club sites occupying the same hectad as priority bat species; (all years), and from 1980 onward only.

|                           | <b>Barbastelle bat</b> | <b>Bechstein's bat</b> | <b>Greater mouse-eared bat</b> | <b>Common pipistrelle</b> | <b>Soprano pipistrelle</b> | <b>Greater horseshoe bat</b> | <b>Lesser horseshoe bat</b> |
|---------------------------|------------------------|------------------------|--------------------------------|---------------------------|----------------------------|------------------------------|-----------------------------|
| <b>Cotswolds</b>          | (3) 2                  | (2) 1                  | -                              | (10) 8                    | -                          | -                            | (5) 5                       |
| <b>Cumbria</b>            | -                      | -                      | -                              | (4) 3                     | -                          | -                            | -                           |
| <b>Devon and Cornwall</b> | -                      | -                      | -                              | (4) 2                     | -                          | (5) 5                        | (4) 4                       |
| <b>East Anglia</b>        | (1) 0                  | -                      | -                              | (5) 4                     | -                          | -                            | -                           |
| <b>North East England</b> | -                      | -                      | -                              | (4) 3                     | -                          | -                            | -                           |
| <b>Peak District</b>      | -                      | -                      | -                              | (1) 1                     | -                          | -                            | (3) 0                       |
| <b>South East England</b> | (3) 0                  | (1) 0                  | -                              | (11) 9                    | -                          | -                            | -                           |
| <b>Southern England</b>   | (1) 1                  | (4) 3                  | (1) 0                          | (9) 7                     | -                          | (6) 4                        | (6) 6                       |
| <b>The East Midlands</b>  | -                      | -                      | -                              | (1) 1                     | -                          | -                            | -                           |
| <b>The North West</b>     | -                      | -                      | -                              | (4) 4                     | -                          | -                            | (1) 1                       |
| <b>West Midlands</b>      | -                      | -                      | -                              | (4) 4                     | -                          | -                            | -                           |
| <b>Yorkshire</b>          | -                      | -                      | -                              | (9) 5                     | -                          | -                            | -                           |
| <b>Wales</b>              | (1) 1                  | -                      | -                              | (6) 5                     | -                          | (2) 2                        | (4) 4                       |
| <b>Scotland</b>           | -                      | -                      | -                              | (7) 7                     | -                          | -                            | -                           |
| <b>England</b>            | (8) 3                  | (7) 4                  | (1) 0                          | (66) 51                   | -                          | (11) 9                       | (19) 16                     |
| <b>Total</b>              | (9) 4                  | (7) 4                  | (1) 0                          | (79) 63                   | -                          | (13) 11                      | (23) 20                     |
| <b>No. Regions</b>        | (5) 3                  | (3) 2                  | (1) 0                          | (14) 14                   | -                          | (3) 3                        | (6) 5                       |
| <b>No. Countries</b>      | (2) 2                  | (1) 1                  | (1) 0                          | (3) 3                     | -                          | (2) 2                        | (2) 2                       |

**Table 7.** Caravan Club sites occupying the same hectad as priority mammal and bird species; (all years), and from 1980 only. Species listed with an asterisk are those selected for inclusion in the Caravan Club cBAP.

|                           | <b>Brown hare</b> | <b>Common dormouse*</b> | <b>Otter</b> | <b>Red squirrel</b> | <b>Water vole</b> | <b>Nightjar</b> | <b>Woodlark</b> |
|---------------------------|-------------------|-------------------------|--------------|---------------------|-------------------|-----------------|-----------------|
| <b>Cotswolds</b>          | (8) 4             | (4) 3                   | (5) 2        | (8) 0               | (8) 5             | (1) 1           | (1) 1           |
| <b>Cumbria</b>            | (5) 1             | (1) 0                   | (5) 5        | (5) 3               | (3) 1             | -               | -               |
| <b>Devon and Cornwall</b> | (5) 0             | (5) 4                   | (5) 4        | (6) 0               | (1) 0             | -               | (1) 1           |
| <b>East Anglia</b>        | (5) 0             | (2) 1                   | (4) 3        | (3) 0               | (4) 3             | -               | -               |
| <b>North East England</b> | (3) 1             | -                       | (2) 2        | (5) 4               | (2) 0             | (1) 1           | -               |
| <b>Peak District</b>      | (5) 3             | (2) 0                   | (2) 1        | (5) 0               | (4) 1             | -               | -               |
| <b>South East England</b> | (12) 3            | (8) 7                   | (7) 6        | (8) 0               | (12) 1            | (2) 2           | (1) 1           |
| <b>Southern England</b>   | (11) 10           | (10) 9                  | (12) 12      | (10) 0              | (8) 6             | (5) 5           | (2) 2           |
| <b>The East Midlands</b>  | (2) 1             | (1) 0                   | (1) 0        | (1) 0               | (2) 1             | -               | -               |
| <b>The North West</b>     | (4) 0             | -                       | (2) 1        | (3) 1               | (2) 0             | -               | -               |
| <b>West Midlands</b>      | (4) 3             | (1) 0                   | (3) 1        | (5) 0               | (4) 3             | (1) 1           | (1) 1           |
| <b>Yorkshire</b>          | (8) 1             | -                       | (8) 3        | (9) 1               | (8) 1             | (2) 2           | -               |
| <b>Wales</b>              | (10) 3            | (2) 2                   | (8) 7        | (10) 5              | (4) 2             | -               | -               |
| <b>Scotland</b>           | (8) 6             | -                       | (15) 15      | (7) 6               | (4) 3             | (1) 1           | -               |
| <b>England</b>            | (72) 27           | (34) 24                 | (56) 40      | (68) 9              | (58) 22           | (12) 12         | (6) 6           |
| <b>Total</b>              | (90) 36           | (36) 26                 | (79) 62      | (85) 20             | (66) 27           | (13) 13         | (6) 6           |
| <b>No. Regions</b>        | (14) 11           | (10) 6                  | (14) 13      | (14) 6              | (14) 11           | (7) 7           | (5) 5           |
| <b>No. Countries</b>      | (3) 3             | (2) 2                   | (3) 3        | (3) 3               | (3) 3             | (2) 2           | (1) 1           |

**Table 8.** Caravan Club sites occupying the same hectad as priority invertebrate species; (all years), and from 1980 only. Species listed with an asterisk are those selected for inclusion in the Caravan Club cBAP.

|                           | <b>Southern wood ant</b> | <b>Large garden bumble-bee*</b> | <b>Bumblebee*</b> | <b>Green tiger beetle</b> | <b>Dune tiger beetle</b> | <b>Tiger beetle</b> | <b>Stag beetle</b> | <b>Southern damselfly</b> | <b>Hornet robberfly</b> | <b>Dotted bee-fly</b> |
|---------------------------|--------------------------|---------------------------------|-------------------|---------------------------|--------------------------|---------------------|--------------------|---------------------------|-------------------------|-----------------------|
| <b>Cotswolds</b>          | -                        | (1) 0                           | -                 | (1) 1                     | -                        | -                   | (1) 0              | -                         | -                       | (1) 0                 |
| <b>Cumbria</b>            | -                        | -                               | -                 | -                         | -                        | -                   | -                  | -                         | -                       | -                     |
| <b>Devon and Cornwall</b> | -                        | (1) 0                           | (4) 1             | -                         | -                        | -                   | -                  | (2) 2                     | (1) 0                   | -                     |
| <b>East Anglia</b>        | (1) 1                    | -                               | -                 | -                         | -                        | -                   | (3) 0              | -                         | -                       | -                     |
| <b>North East England</b> | -                        | -                               | -                 | (1) 0                     | -                        | -                   | -                  | -                         | -                       | -                     |
| <b>Peak District</b>      | -                        | (1) 0                           | -                 | -                         | -                        | -                   | -                  | -                         | -                       | -                     |
| <b>South East England</b> | (2) 1                    | (3) 0                           | (1) 1             | -                         | -                        | -                   | (5) 0              | -                         | (1) 1                   | (1) 0                 |
| <b>Southern England</b>   | (1) 1                    | (2) 0                           | (3) 2             | -                         | -                        | (3) 0               | (3) 1              | (1) 1                     | (2) 2                   | (2) 0                 |
| <b>The East Midlands</b>  | -                        | -                               | -                 | -                         | -                        | -                   | -                  | -                         | -                       | -                     |
| <b>The North West</b>     | -                        | -                               | -                 | -                         | -                        | -                   | -                  | -                         | -                       | -                     |
| <b>West Midlands</b>      | -                        | -                               | -                 | (1) 1                     | -                        | -                   | -                  | -                         | -                       | -                     |
| <b>Yorkshire</b>          | -                        | -                               | -                 | (1) 1                     | -                        | -                   | -                  | -                         | -                       | -                     |
| <b>Wales</b>              | -                        | -                               | -                 | -                         | -                        | -                   | -                  | (1) 1                     | -                       | -                     |
| <b>Scotland</b>           | -                        | -                               | -                 | (1) 1                     | -                        | -                   | -                  | -                         | -                       | -                     |
| <b>England</b>            | (4) 3                    | (8) 0                           | (8) 4             | (4) 3                     | -                        | (3) 0               | (12) 1             | (3) 3                     | (4) 3                   | (4) 0                 |
| <b>Total</b>              | (4) 3                    | (8) 0                           | (8) 4             | (5) 4                     | -                        | (3) 0               | (12) 1             | (4) 4                     | (4) 3                   | (4) 0                 |
| <b>No. Regions</b>        | (3) 3                    | (5) 0                           | (3) 3             | (5) 4                     | -                        | (1) 0               | (4) 1              | (3) 3                     | (3) 2                   | (3) 0                 |
| <b>No. Countries</b>      | (1) 1                    | (1) 0                           | (1) 1             | (2) 2                     | -                        | (1) 0               | (1) 1              | (2) 2                     | (1) 1                   | (1) 0                 |

**Table 9.** Caravan Club sites occupying the same hectad as priority amphibian, reptile and non-orchid plant species; (all years), and from 1980 only. Species listed with an asterisk are those selected for inclusion in the Caravan Club cBAP.

|                           | <b>Natterjack toad</b> | <b>Great crested newt*</b> | <b>Sand lizard</b> | <b>Cornflower*</b> | <b>Scottish scurvy-grass</b> | <b>Deptford Pink</b> | <b>Purple rampion fumitory</b> | <b>Small cow-wheat</b> | <b>Pennyroyal</b> |
|---------------------------|------------------------|----------------------------|--------------------|--------------------|------------------------------|----------------------|--------------------------------|------------------------|-------------------|
| <b>Cotswolds</b>          | -                      | (10) 8                     | -                  | (7) 5              | -                            | (4) 0                | -                              | -                      | (1) 0             |
| <b>Cumbria</b>            | -                      | (3) 2                      | -                  | (1) 0              | -                            | -                    | -                              | -                      | -                 |
| <b>Devon and Cornwall</b> | -                      | -                          | (1) 0              | (5) 0              | -                            | (3) 0                | (1) 1                          | -                      | (4) 0             |
| <b>East Anglia</b>        | (1) 0                  | (4) 3                      | -                  | (6) 4              | -                            | (1) 1                | -                              | -                      | (2) 0             |
| <b>North East England</b> | -                      | (1) 1                      | -                  | (1) 0              | -                            | -                    | -                              | -                      | -                 |
| <b>Peak District</b>      | -                      | (5) 5                      | -                  | (3) 3              | -                            | -                    | -                              | -                      | (1) 0             |
| <b>South East England</b> | (4) 0                  | (15) 14                    | (1) 1              | (9) 3              | -                            | (4) 1                | -                              | -                      | (9) 1             |
| <b>Southern England</b>   | (2) 1                  | (8) 6                      | (2) 2              | (8) 7              | -                            | (1) 0                | (2) 1                          | -                      | (2) 1             |
| <b>The East Midlands</b>  | -                      | (1) 1                      | -                  | -                  | -                            | (1) 1                | -                              | -                      | -                 |
| <b>The North West</b>     | -                      | (1) 1                      | -                  | (3) 2              | -                            | (1) 0                | (2) 1                          | -                      | -                 |
| <b>West Midlands</b>      | -                      | (4) 4                      | -                  | (3) 1              | -                            | -                    | -                              | -                      | (2) 0             |
| <b>Yorkshire</b>          | -                      | (6) 2                      | -                  | (3) 3              | -                            | -                    | (1) 0                          | -                      | (1) 0             |
| <b>Wales</b>              | (1) 1                  | (5) 4                      | (3) 0              | (4) 2              | -                            | (1) 0                | (2) 0                          | -                      | -                 |
| <b>Scotland</b>           | -                      | (1) 0                      | -                  | (2) 0              | -                            | -                    | (1) 1                          | (2) 1                  | (1) 0             |
| <b>England</b>            | (7) 1                  | (58) 47                    | (4) 3              | (49) 28            | -                            | (15) 3               | (6) 3                          | -                      | (22) 2            |
| <b>Total</b>              | (8) 2                  | (64) 51                    | (7) 3              | (55) 30            | -                            | (16) 3               | (9) 4                          | (2) 1                  | (23) 2            |
| <b>No. Regions</b>        | (4) 2                  | (13) 12                    | (4) 2              | (13) 9             | -                            | (8) 3                | (6) 4                          | (1) 1                  | (9) 2             |
| <b>No. Countries</b>      | (2) 2                  | (3) 2                      | (2) 1              | (3) 2              | -                            | (2) 1                | (3) 2                          | (1) 1                  | (2) 1             |

**Table 10.** Caravan Club sites occupying the same hectad as priority orchid species; (all years), and from 1980 only. Species listed with an asterisk are those selected for inclusion in the Caravan Club cBAP.

|                           | Early<br>marsh<br>orchid | Green-<br>winged<br>orchid* | Fly<br>orchid | Autumn<br>lady's<br>tresses* | Southern<br>marsh<br>orchid* | Northern<br>marsh orchid | Narrow-<br>leaved<br>marsh orchid | Birdsnest<br>orchid | Lady<br>orchid | Burnt-tip<br>orchid |
|---------------------------|--------------------------|-----------------------------|---------------|------------------------------|------------------------------|--------------------------|-----------------------------------|---------------------|----------------|---------------------|
| <b>Cotswolds</b>          | (5) 3                    | (9) 7                       | (2) 2         | (3) 1                        | (10) 8                       | (1) 1                    | -                                 | (4) 3               | -              | -                   |
| <b>Cumbria</b>            | (1) 1                    | (1) 0                       | -             | -                            | (2) 2                        | (5) 5                    | -                                 | (3) 0               | -              | -                   |
| <b>Devon and Cornwall</b> | -                        | (2) 1                       | -             | (8) 5                        | (8) 7                        | -                        | -                                 | (2) 1               | -              | (2) 0               |
| <b>East Anglia</b>        | (1) 1                    | (3) 0                       | (2) 0         | (3) 0                        | (3) 3                        | -                        | -                                 | (2) 0               | -              | -                   |
| <b>North East England</b> | (2) 2                    | (1) 1                       | -             | -                            | -                            | (6) 6                    | -                                 | (2) 1               | -              | (1) 0               |
| <b>Peak District</b>      | (1) 1                    | (4) 0                       | (3) 2         | (3) 0                        | (4) 4                        | (3) 3                    | -                                 | (3) 1               | -              | (3) 2               |
| <b>South East England</b> | (4) 1                    | (13) 10                     | (6) 3         | (10) 6                       | (8) 6                        | -                        | -                                 | (12) 5              | (4) 1          | (3) 1               |
| <b>Southern England</b>   | (7) 5                    | (13) 9                      | (4) 2         | (13) 11                      | (13) 13                      | -                        | (1) 1                             | (8) 7               | (1) 1          | (5) 2               |
| <b>The East Midlands</b>  | (1) 0                    | (2) 0                       | -             | -                            | -                            | -                        | -                                 | -                   | -              | -                   |
| <b>The North West</b>     | (3) 2                    | (2) 1                       | -             | -                            | (2) 2                        | (2) 2                    | -                                 | (1) 0               | -              | -                   |
| <b>West Midlands</b>      | -                        | (4) 1                       | -             | (1) 0                        | (5) 4                        | (1) 1                    | -                                 | -                   | -              | (1) 0               |
| <b>Yorkshire</b>          | (7) 6                    | (2) 1                       | (1) 1         | (1) 0                        | (5) 3                        | (4) 3                    | (1) 1                             | (3) 2               | -              | (3) 2               |
| <b>Wales</b>              | (4) 2                    | (6) 4                       | (2) 1         | (8) 6                        | (3) 3                        | (5) 4                    | (1) 1                             | (1) 1               | -              | -                   |
| <b>Scotland</b>           | (6) 5                    | -                           | -             | -                            | -                            | (13) 12                  | -                                 | (6) 3               | -              | -                   |
| <b>England</b>            | (32) 22                  | (56) 31                     | (18) 10       | (42) 23                      | (60) 52                      | (22) 21                  | (2) 2                             | (40) 20             | (5) 2          | (18) 7              |
| <b>Total</b>              | (42) 29                  | (62) 35                     | (20) 11       | (50) 29                      | (63) 55                      | (40) 37                  | (3) 3                             | (47) 24             | (5) 2          | (18) 7              |
| <b>No. Regions</b>        | (12) 11                  | (13) 9                      | (7) 6         | (9) 5                        | (11) 11                      | (9) 9                    | (3) 3                             | (12) 9              | (2) 2          | (7) 4               |
| <b>No. Countries</b>      | (3) 3                    | (2) 2                       | (2) 2         | (2) 2                        | (2) 2                        | (3) 3                    | (2) 2                             | (3) 3               | (1) 1          | (1) 1               |

### 3.6 GIS data Evaluation

Analysis revealed that many Club sites are within, directly adjacent to, or in close proximity to (i.e. within 1 km), a range of protected areas. Over the UK as a whole, 75 Caravan Club sites overlap with, or are within 1 km of an SSSI (see table 4 footnote for explanation of why this differs from the sum for the three countries). In addition, several Club sites are in close proximity to Special Areas of Conservation (41 Club sites) and Special Protection Areas (Club 19 sites); these are areas which are *internationally important* for wildlife features and rare or vulnerable bird species, as established by the EC Habitats Directive.

The GIS analysis of site buffers also demonstrated that many Club sites are within, directly adjacent to, or in close proximity to a wide range of habitats listed on national inventories. Woodland (Ancient Woodland Inventory, Lowland mixed deciduous woodland, and Wet woodland) is by far the most common, although it should also be noted that: (i) sites classed as 'Ancient' (i.e. woods known to have been present on maps in 1600), and on the Ancient Woodland Inventory, may also be listed on the Lowland mixed deciduous woodland and Wet woodland inventories, and (ii); the recording procedures which are in place for these woodland habitats are particularly well researched. However, Coastal and floodplain grazing marsh and Maritime cliff and slopes are also well represented in the data, reflecting the fact that many Caravan Club sites are located along the coast. A number of sites were also found to be within or near Lowland heathland, a habitat of particular concern, having suffered extensive loss in area over the last 50 years or so.

The GIS investigation also revealed a wealth of wildlife species which occurs either within, or immediately surrounding, the Caravan Club network of sites. However, it should be noted that the data collected by NBN, and presented in the tables above, has been collected by a wide range of individual recorders, groups, societies, organisations, and recording schemes, operating a range of scales, from very local, to nationwide. Although it represents a very wide range of ecological recording, many individuals and groups (for example some local bat groups, the RSPB) choose not to submit their records to the NBN, and therefore there are many gaps in its coverage.

In addition, recorders have a wide range of ecological backgrounds, and skills. The resulting data is thus extremely useful, but should be treated as *indicative*, and with caution (i.e. absence or apparently poor representation may be an indication of the fact that a species has been poorly recorded at a national level, rather than being actually scarce, or even absent. Of course in other cases, where nation-wide survey effort for a species has been considerable, apparent scarcity may reflect the true status of that species.

## 4 Caravan Club cBAP features

The final list of Caravan Club cBAP features was derived following consultation with Caravan Club staff. The reader is directed to The Caravan Club cBAP short list of features report, prepared by JUST ECOLOGY, and presented along this document. The list of agreed cBAP features is presented in Table 11, below.

**Table 11.** Features selected for inclusion in the Caravan Club cBAP.

| Feature group   | No. | Feature   | Feature group     | No. | Feature   |
|-----------------|-----|---|-------------------|-----|---|
| Habitat areas   | 1   | Broad leaved woodland   | Isolated habitats | 8   | Veteran trees   |
|                 | 2   | Scrub   | Amphibians        | 9   | Great crested newt                                    |
|                 | 3   | Wet woodland  | Birds of prey     | 10  | Kestrel   |
|                 | 4   | Grouped plan for grasslands:<br>- Lowland calcareous grassland<br>- Upland calcareous grassland<br>- Lowland dry acid grassland<br>- Lowland meadows<br>- Upland hay meadows<br>- Purple moor grass/rush pasture<br>- Rough grassland | Farmland birds    | 11  | Grouped plan for Swallows / Swifts / Martins          |
|                 |     |   | Woodland birds    | 12  | Bullfinch   |
|                 |     |   |                   | 13  | Song thrush   |
|                 |     |   | Insects           | 14  | Grouped plan for bumble-bee & Large garden bumble-bee |
|                 |     |   | Mammals           | 15  | Common dormouse                                       |
|                 |     |   | Reptiles          | 16  | Slow worm   |
|                 |     |   | Plants            | 17  | Autumn lady's tresses                                 |
| Linear habitats | 5   | Ditches & banks   |                   | 18  | Cornflower  |
|                 | 6   | Rivers & streams  |                   | 19  | Green-winged orchid                                   |
|                 | 7   | Species rich hedges   |                   | 20  | Southern marsh orchid                                 |

## 5 Occurrence of Caravan Club cBAP features across the Site network

The data presented in this section is intended to provide a quick reference guide to the actual and potential cBAP features which may occur at, or very near to, each of the 148 Caravan Club sites. For ease of presentation, this data is split into habitats (Table 12) and species (Table 13) features. The data presented in this section is a combination of results from both the GIS and questionnaire analyses. Where available, detailed break-downs of habitat/species type/date recorded are provided, in order to convey the most appropriate information for each site.

### 5.1 Habitat features

**Table 12.** Habitat features selected for inclusion in the Caravan Club cBAP, for each Caravan Club site, by region. 'Q?' Indicates Questionnaire responder (R), or Non Responder (NR). 'Qu' indicates features reported as present on the site in Questionnaire response (rather than in GIS data). Abbreviations for data within the Broad leaved woodland and Grasslands categories are as follows:

Broad leaved woodland:

*Questionnaire data*

Wd BL (Qu) = BL woodland.

*GIS data*

AWIS = Ancient Woodland Inventory (Scotland);

AWIE = Ancient Woodland Inventory (England);

LBYW = Lowland beech and yew woodland (Eng);

LMDW = Lowland mixed deciduous (Eng);

UMAs = Upland mixed ashwoods (England);

Uoak = Upland oakwood (England).

Grasslands:

*Questionnaire data*

Rou Qu = Rough grassland;

Wet Qu = Wet grassland;

Acid Qu = Acid grassland;

Calc Qu = Calcareous grassland.

*GIS data*

LCGr = Lowland calcareous grassland (England);

UCGr = Upland calcareous grassland (England);

LDAG = Lowland dry acid grassland (England);

LMea = Lowland meadows (England);

PMRP = Purple moor grass & rush pastures (Eng).

Data for Species rich hedges (i.e. with greater than (>) 6 species) are presented along with data for Species poor hedges (i.e. with less than (<) 6 species), as this represents a significant area of potential biodiversity enhancement.

Caravan Club site-wide biodiversity audit 2006

| No. | Region             | Site name         | Q ?                  | Broad leaved woodland | Scrub     | Wet woodland   | Grasslands         | Ditches & banks | Rivers & streams | Species rich hedges | Veteran trees |      |
|-----|--------------------|-------------------|----------------------|-----------------------|-----------|----------------|--------------------|-----------------|------------------|---------------------|---------------|------|
| 1   | Cotswolds          | Bromyard Downs    | NR                   | AWIE                  |           | WetW           |                    |                 |                  |                     |               |      |
| 2   |                    | Cirencester Park  | NR                   |                       |           |                |                    |                 |                  |                     |               |      |
| 3   |                    | Moorhampton       | NR                   | AWIE,LMDW             |           |                |                    |                 |                  |                     |               |      |
| 4   |                    | Moreton-In-Marsh  | NR                   |                       |           |                | LMea               |                 |                  |                     |               |      |
| 5   |                    | Blackmore         | R                    | Wd BL (Qu)            |           |                |                    |                 | Strm (Qu)        | He>6 (Qu)           |               |      |
| 6   |                    | Bladon Chains     | R                    | Wd BL (Qu)            |           |                |                    |                 |                  | He>6 (Qu)           |               |      |
| 7   |                    | Broadway          | R                    | Wd BL (Qu)            |           |                | WetW (Qu)          |                 | Bank&Dtch (Qu)   | He>6 (Qu)           | (Qu)          |      |
| 8   |                    | Burford           | R                    | AWIE,LBYW             | (Qu)      |                |                    | Rou (Qu)        |                  | He>6 (Qu)           |               |      |
| 9   |                    | Four Oaks         | R                    | AWIE,LMDW             |           |                |                    | Rou (Qu)        |                  | He>6 (Qu)           |               |      |
| 10  |                    | Notgrove          | R                    | Wd BL (Qu)            |           |                |                    | LCGr            |                  | He>6 (Qu)           |               |      |
| 11  |                    | Tewkesbury Abbey  | R                    | Wd BL (Qu)            |           |                |                    |                 |                  | He>6 (Qu)           | (Qu)          |      |
| 12  | Cumbria            | Englethwaite Hall | NR                   | AWIE,LMDW             |           |                |                    |                 |                  |                     |               |      |
| 13  |                    | Low Park Wood     | NR                   | AWIE,LMDW             |           |                |                    |                 |                  |                     |               |      |
| 14  |                    | Park Coppice      | NR                   | AWIE,LMDW,Uoak        |           |                |                    |                 |                  |                     |               |      |
| 15  |                    | Dockray Meadow    | R                    |                       |           | WetW (Qu)      |                    |                 | Dtch (Qu)        | Strm (Qu)           | He<6 (Qu)     | (Qu) |
| 16  |                    | Low Manesty       | R                    | AWIE,Uoak,Wd BL (Qu)  | (Qu)      | WetW,WetW (Qu) |                    |                 | Dtch (Qu)        | Strm (Qu)           |               | (Qu) |
| 17  |                    | Meathop Fell      | R                    | AWIE,LMDW             |           |                |                    | Rou (Qu)        |                  |                     | He>6 (Qu)     | (Qu) |
| 18  | Troutbeck Head     | R                 |                      | (Qu)                  |           |                | Rou (Qu),Wet (Qu)  | Bank&Dtch (Qu)  | Rivr (Qu)        |                     | (Qu)          |      |
| 19  | Devon and Cornwall | Brook Lea         | NR                   |                       |           |                |                    |                 |                  |                     |               |      |
| 20  |                    | Looe              | NR                   | AWIE,LBYW,LMDW        |           |                |                    |                 |                  |                     |               |      |
| 21  |                    | Plymouth Sound    | NR                   |                       |           |                |                    |                 |                  |                     |               |      |
| 22  |                    | St Agnes Beacon   | NR                   |                       |           |                |                    | LMea            |                  |                     |               |      |
| 23  |                    | Start Bay         | NR                   |                       |           |                |                    |                 |                  |                     |               |      |
| 24  |                    | Threeways         | NR                   |                       |           |                |                    |                 |                  |                     |               |      |
| 25  |                    | Treamble Valley   | NR                   |                       |           |                |                    |                 |                  |                     |               |      |
| 26  |                    | Valley Truckle    | NR                   | AWIE,LMDW             |           |                |                    |                 |                  |                     |               |      |
| 27  |                    | Willingcott       | NR                   |                       |           |                |                    |                 |                  |                     |               |      |
| 28  | Broad Park         | R                 | AWIE,LMDW,Wd BL (Qu) | (Qu)                  | WetW (Qu) |                | Rou (Qu),Calc (Qu) | Dtch (Qu)       |                  | He<6 (Qu)           | (Qu)          |      |

Caravan Club site-wide biodiversity audit 2006

| No. | Region        | Site name              | Q ? | Broad leaved woodland | Scrub | Wet woodland | Grasslands              | Ditches & banks | Rivers & streams | Species rich hedges | Veteran trees |
|-----|---------------|------------------------|-----|-----------------------|-------|--------------|-------------------------|-----------------|------------------|---------------------|---------------|
| 29  |               | Godrevy Park           | R   |                       | (Qu)  |              | Rou (Qu)                |                 |                  | He<6 (Qu)           |               |
| 30  |               | Hillhead               | R   | AWIE,LMDW             | (Qu)  |              | Rou (Qu)                | Bank (Qu)       |                  | He>6<&6 (Qu)        |               |
| 31  |               | Merrose Farm           | R   |                       |       | WetW (Qu)    | Rou (Qu)                |                 |                  | He>6 (Qu)           |               |
| 32  |               | Putts Corner           | R   | AWIE,LMDW,Wd BL (Qu)  | (Qu)  |              | LDAG,Rou (Qu)           |                 |                  | He>6 (Qu)           | (Qu)          |
| 33  |               | Ramslade               | R   | Wd BL (Qu)            |       |              | Rou (Qu)                |                 |                  | He>6 (Qu)           |               |
| 34  |               | Stover                 | R   | AWIE,LMDW             |       |              |                         |                 | Rivr (Qu)        | He<6 (Qu)           | (Qu)          |
| 35  |               | Trewethett Farm        | R   |                       |       |              | Rou (Qu)                |                 | Strm (Qu)        |                     |               |
| 36  |               | Broadlands             | NR  |                       |       |              |                         |                 |                  |                     |               |
| 37  |               | Grafham Water          | NR  | AWIE                  |       | WetW         |                         |                 |                  |                     |               |
| 38  |               | Round Plantation       | NR  |                       |       |              |                         |                 |                  |                     |               |
| 39  |               | The Sandringham Estate | NR  |                       |       |              |                         |                 |                  |                     |               |
| 40  |               | Cherry Hinton          | R   | Wd BL (Qu)            |       |              | LCGr,Rou (Qu),Calc (Qu) |                 |                  | He>6 (Qu)           | (Qu)          |
| 41  |               | Ferry Meadows          | R   | AWIE,Wd BL (Qu)       | (Qu)  |              | Rou (Qu)                |                 |                  | He>6<&6 (Qu)        | (Qu)          |
| 42  |               | Great Yarmouth         | R   |                       |       |              | LDAG                    |                 |                  |                     |               |
| 43  |               | Incleboro Fields       | R   |                       | (Qu)  | WetW (Qu)    |                         |                 |                  | He<6 (Qu)           | (Qu)          |
| 44  |               | Norfolk Showground     | R   |                       |       |              |                         |                 |                  |                     |               |
| 45  |               | Seacroft               | R   |                       | (Qu)  |              | Rou (Qu)                |                 |                  | He>6 (Qu)           |               |
| 46  |               | The Covert             | R   |                       |       |              |                         | Bank (Qu)       |                  |                     | (Qu)          |
| 47  |               | White House Beach      | R   |                       |       |              |                         |                 |                  |                     |               |
| 48  |               | Grange                 | NR  | AWIE                  |       | WetW         |                         |                 |                  |                     |               |
| 49  |               | Old Hartley            | NR  |                       |       |              |                         |                 |                  |                     |               |
| 50  |               | Seaview                | NR  |                       |       |              |                         |                 |                  |                     |               |
| 51  |               | White Water Park       | NR  |                       |       |              |                         |                 |                  |                     |               |
| 52  |               | Kielder Water          | R   | Wd BL (Qu)            | (Qu)  | WetW (Qu)    | Rou (Qu)                |                 | Strm (Qu)        |                     | (Qu)          |
| 53  |               | Nunnykirk              | R   | AWIE,Wd BL (Qu)       |       | WetW         | Rou (Qu),Wet (Qu)       | Bank (Qu)       | Rivr (Qu)        | He>6 (Qu)           | (Qu)          |
| 54  |               | River Breamish         | R   |                       | (Qu)  | WetW (Qu)    | Rou (Qu)                |                 | Strm&Rivr (Qu)   | He>6 (Qu)           |               |
| 55  |               | Elvaston Castle        | NR  |                       |       |              |                         |                 |                  |                     |               |
| 56  | Peak District | Grin Low               | NR  |                       |       |              | LCGr,UCGr,LDAG,L Mea    |                 |                  |                     |               |

Caravan Club site-wide biodiversity audit 2006

| No. | Region             | Site name            | Q ? | Broad leaved woodland | Scrub | Wet woodland   | Grasslands | Ditches & banks | Rivers & streams | Species rich hedges | Veteran trees |
|-----|--------------------|----------------------|-----|-----------------------|-------|----------------|------------|-----------------|------------------|---------------------|---------------|
| 57  |                    | Blackwall Plantation | R   |                       |       |                | Rou (Qu)   | Bank (Qu)       |                  |                     |               |
| 58  |                    | Chatsworth Park      | R   | AWIE,LMDW             |       |                |            |                 |                  |                     |               |
| 59  |                    | Losehill             | R   |                       |       |                | LCGr,LDAG  |                 | Strm (Qu)        | He>6&<6 (Qu)        |               |
| 60  | South East England | Broomfield Farm      | NR  | AWIE,LMDW             |       | WetW           |            |                 |                  |                     |               |
| 61  |                    | Siinfold             | NR  | AWIE                  |       | WetW           |            |                 |                  |                     |               |
| 62  |                    | Wyatts Covert        | NR  | AWIE,LMDW             |       | WetW           |            |                 |                  |                     |               |
| 63  |                    | Abbey Wood           | R   | AWIE,LBYW,Wd BL (Qu)  |       |                | Rou (Qu)   | Bank (Qu)       |                  | He>6 (Qu)           | (Qu)          |
| 64  |                    | Alderstead Heath     | R   | AWIE,LMDW,Wd BL (Qu)  | (Qu)  | WetW (Qu)      | Rou (Qu)   |                 |                  | He>6 (Qu)           | (Qu)          |
| 65  |                    | Amberley Fields      | R   |                       | (Qu)  |                | Rou (Qu)   | Dtch (Qu)       |                  | He>6 (Qu)           | (Qu)          |
| 66  |                    | Ashridge Farm        | R   |                       |       |                |            |                 |                  |                     | (Qu)          |
| 67  |                    | Black Horse Farm     | R   | AWIE,LMDW             |       |                |            | Bank (Qu)       |                  | He>6 (Qu)           |               |
| 68  |                    | Breakspear Way       | R   | AWIE                  |       |                |            | Bank (Qu)       |                  | He>6&<6 (Qu)        |               |
| 69  |                    | Commons Wood         | R   | Wd BL (Qu)            | (Qu)  | WetW (Qu)      |            |                 |                  | He>6 (Qu)           | (Qu)          |
| 70  |                    | Crystal Palace       | R   | AWIE,Wd BL (Qu)       |       |                | Rou (Qu)   | Bank (Qu)       |                  | He>6 (Qu)           | (Qu)          |
| 71  |                    | Daleacres            | R   |                       |       |                |            | Bank (Qu)       |                  | He<6 (Qu)           |               |
| 72  |                    | Fairlight Wood       | R   | AWIE,LMDW,Wd BL (Qu)  | (Qu)  | WetW           |            |                 | Strm (Qu)        |                     | (Qu)          |
| 73  |                    | Normanhurst Court    | R   | AWIE,LBYW,Wd BL (Qu)  | (Qu)  | WetW,WetW (Qu) |            |                 |                  |                     | (Qu)          |
| 74  |                    | Northbrook Farm      | R   | AWIE,LMDW,Wd BL (Qu)  |       | WetW           | LCGr       |                 |                  | He>6 (Qu)           |               |
| 75  |                    | Rowan Park           | R   | Wd BL (Qu)            | (Qu)  |                | Rou (Qu)   |                 |                  | He<6 (Qu)           |               |
| 76  | Sheepcote Valley   | R                    |     | (Qu)                  |       | Rou (Qu)       |            |                 | He>6 (Qu)        |                     |               |
| 77  | Southern England   | Cheddar              | NR  |                       |       |                |            |                 |                  |                     |               |
| 78  |                    | Five Acres           | NR  |                       |       |                | LMea,PMRP  |                 |                  |                     |               |
| 79  |                    | Hillside             | NR  | AWIE,LMDW             |       |                | LCGr       |                 |                  |                     |               |
| 80  |                    | Lakeside             | NR  | AWIE,Uoak             |       |                | PMRP       |                 |                  |                     |               |
| 81  |                    | Rookesbury Park      | NR  | AWIE,LBYW             |       | WetW           |            |                 |                  |                     |               |
| 82  |                    | Baltic Wharf         | R   | AWIE,LMDW             |       |                |            |                 |                  |                     |               |
| 83  |                    | Black Knowl          | R   | AWIE                  |       | WetW           | Rou (Qu)   |                 |                  | He>6 (Qu)           | (Qu)          |
| 84  |                    | Cadeside             | R   | Wd BL (Qu)            |       |                |            | Dtch (Qu)       |                  | He<6 (Qu)           |               |
| 85  |                    | Crossways            | R   |                       | (Qu)  |                |            |                 |                  | He>6&<6 (Qu)        | (Qu)          |

Caravan Club site-wide biodiversity audit 2006

| No. | Region            | Site name                  | Q ?                       | Broad leaved woodland     | Scrub | Wet woodland | Grasslands        | Ditches & banks | Rivers & streams | Species rich hedges | Veteran trees |
|-----|-------------------|----------------------------|---------------------------|---------------------------|-------|--------------|-------------------|-----------------|------------------|---------------------|---------------|
| 86  |                   | Exmoor House               | R                         | AWIE,LMDW,Uoak,Wd BL (Qu) | (Qu)  |              | Rou (Qu)          | Dtch (Qu)       | Strm&Rivr (Qu)   | He>6<&6 (Qu)        | (Qu)          |
| 87  |                   | Haycraft                   | R                         | AWIE,LBYW,LMDW            |       | WetW         | Rou (Qu)          | Dtch (Qu)       |                  | He>6<&6 (Qu)        |               |
| 88  |                   | Hunter's Moon              | R                         |                           |       |              | Wet (Qu)          | Dtch (Qu)       |                  | He>6 (Qu)           |               |
| 89  |                   | Hurn Lane                  | R                         |                           | (Qu)  | WetW (Qu)    |                   |                 |                  |                     |               |
| 90  |                   | Longleat                   | R                         | AWIE,LMDW                 |       | WetW         | Rou (Qu)          | Bank (Qu)       | Strm (Qu)        | He<6 (Qu)           |               |
| 91  |                   | Minehead                   | R                         | Wd BL (Qu)                | (Qu)  |              | LDAG              | Bank (Qu)       |                  |                     |               |
| 92  |                   | Morn Hill                  | R                         | Wd BL (Qu)                |       | WetW (Qu)    | Rou (Qu)          |                 |                  | He>6<&6 (Qu)        |               |
| 93  | E Mids            | Clumber Park               | R                         | Wd BL (Qu)                | (Qu)  | WetW (Qu)    | LDAG,Rou (Qu)     |                 |                  |                     | (Qu)          |
| 94  |                   | Hawthorn Farm              | R                         | Wd BL (Qu)                | (Qu)  |              | PMRP,Rou (Qu)     | Dtch (Qu)       |                  | He>6 (Qu)           |               |
| 95  |                   | Top Lodge                  | R                         | AWIE                      |       | WetW         |                   |                 |                  |                     |               |
| 96  | The North West    | Blackpool South            | NR                        |                           |       |              |                   |                 |                  |                     |               |
| 97  |                   | Southport                  | NR                        |                           |       |              | LDAG              |                 |                  |                     |               |
| 98  |                   | Burrs Country Park         | R                         |                           |       |              | LDAG,LMea,PMRP    |                 |                  |                     |               |
| 99  |                   | Chester Fair Oaks          | R                         |                           |       |              |                   | Dtch (Qu)       |                  |                     |               |
| 100 |                   | Wirral Country Park        | R                         |                           |       | WetW (Qu)    | LMea,Rou (Qu)     |                 |                  | He<6 (Qu)           |               |
| 101 | West Midlands     | High Onn                   | NR                        |                           |       |              |                   |                 |                  |                     |               |
| 102 |                   | Presthope                  | NR                        | AWIE                      |       | WetW         |                   |                 |                  |                     |               |
| 103 |                   | Blackshaw Moor             | R                         |                           |       | WetW (Qu)    | Rou (Qu),Wet (Qu) | Dtch (Qu)       |                  | He>6 (Qu)           |               |
| 104 |                   | Chapel Lane                | R                         |                           |       |              |                   |                 |                  | He>6<&6 (Qu)        |               |
| 105 |                   | Uttoxeter Racecourse       | R                         |                           |       |              |                   |                 |                  |                     |               |
| 106 | Yorkshire         | Beechwood Grange           | NR                        |                           |       |              |                   |                 |                  |                     |               |
| 107 |                   | Knaresborough              | NR                        | AWIE                      |       | WetW         |                   |                 |                  |                     |               |
| 108 |                   | West Ayton                 | NR                        | AWIE,LBYW                 |       |              |                   |                 |                  |                     |               |
| 109 |                   | Brown Moor                 | R                         |                           |       |              |                   |                 | Rivr (Qu)        | He>6 (Qu)           |               |
| 110 |                   | Great Yorkshire Showground | R                         | AWIE                      |       | WetW         |                   |                 |                  | He<6 (Qu)           |               |
| 111 |                   | Hargill House              | R                         |                           | (Qu)  |              |                   |                 |                  | He>6 (Qu)           |               |
| 112 |                   | Low Moor                   | R                         | AWIE,LMDW,UMAs            | (Qu)  | WetW (Qu)    | Rou (Qu)          |                 |                  | He>6 (Qu)           |               |
| 113 | Lower Clough Foot | R                          | AWIE,LBYW,LMDW,Wd BL (Qu) |                           |       | LDAG,PMRP    | Bank (Qu)         | Rivr (Qu)       |                  |                     |               |

Caravan Club site-wide biodiversity audit 2006

| No. | Region          | Site name                 | Q ?             | Broad leaved woodland | Scrub | Wet woodland | Grasslands                   | Ditches & banks    | Rivers & streams | Species rich hedges | Veteran trees |      |
|-----|-----------------|---------------------------|-----------------|-----------------------|-------|--------------|------------------------------|--------------------|------------------|---------------------|---------------|------|
| 114 |                 | Rowntree Park             | R               |                       |       |              |                              |                    |                  | He>6 (Qu)           |               |      |
| 115 |                 | Strid Wood                | R               | AWIE,LMDW,Wd BL (Qu)  |       | WetW         | Rou (Qu)                     |                    |                  |                     | (Qu)          |      |
| 116 |                 | The Howard Rosedale Abbey | R               |                       | (Qu)  | WetW (Qu)    | Rou (Qu)                     | Bank&Dtch (Qu)     | Rivr (Qu)        | He>6 (Qu)           | (Qu)          |      |
| 117 |                 | Wharfedale                | R               | AWIE,LMDW,Wd BL (Qu)  |       |              | LCGr,UCGr,Rou (Qu),Calc (Qu) |                    |                  |                     | (Qu)          |      |
| 118 | Scotland        | Craigie Gardens           | NR              | AWIS                  |       |              |                              |                    |                  |                     |               |      |
| 119 |                 | Dalchalm                  | NR              |                       |       |              |                              |                    |                  |                     |               |      |
| 120 |                 | Dunnet Bay                | NR              |                       |       |              |                              |                    |                  |                     |               |      |
| 121 |                 | Grummore                  | NR              |                       |       |              |                              |                    |                  |                     |               |      |
| 122 |                 | Kinlochewe                | NR              | AWIS                  |       |              |                              |                    |                  |                     |               |      |
| 123 |                 | Silverbank                | NR              | AWIS                  |       |              |                              |                    |                  |                     |               |      |
| 124 |                 | The Invercauld            | NR              | AWIS                  |       |              |                              |                    |                  |                     |               |      |
| 125 |                 | Balbirnie Park            | R               | AWIS                  |       |              |                              |                    |                  |                     |               |      |
| 126 |                 | Bunree                    | R               | AWIS                  |       | (Qu)         |                              | Rou (Qu)           | Bank&Dtch (Qu)   | Rivr (Qu)           | He>6&<6 (Qu)  | (Qu) |
| 127 |                 | Clachan                   | R               | AWIS,Wd BL (Qu)       |       | (Qu)         |                              | Rou (Qu),Calc (Qu) | Dtch (Qu)        | Strm (Qu)           |               | (Qu) |
| 128 |                 | Culloden Moor             | R               | AWIS                  |       | (Qu)         |                              | Rou (Qu)           |                  |                     | He<6 (Qu)     |      |
| 129 |                 | Edinburgh                 | R               | AWIS,Wd BL (Qu)       |       | (Qu)         |                              |                    |                  |                     |               | (Qu) |
| 130 |                 | Garlieston                | R               | AWIS                  |       |              |                              | Rou (Qu)           |                  | Rivr (Qu)           |               |      |
| 131 |                 | Gibson Park               | R               |                       |       |              |                              |                    |                  |                     |               |      |
| 132 |                 | Maragowan                 | R               | AWIS,Wd BL (Qu)       |       |              |                              | Rou (Qu)           | Dtch (Qu)        | Rivr (Qu)           | He<6 (Qu)     |      |
| 133 | Morvich         | R                         | Wd BL (Qu)      |                       |       |              | Rou (Qu)                     |                    | Rivr (Qu)        |                     |               |      |
| 134 | New England Bay | R                         |                 |                       | (Qu)  |              |                              |                    |                  | He<6 (Qu)           |               |      |
| 135 | Yellowcraig     | R                         | AWIS,Wd BL (Qu) |                       | (Qu)  |              | Rou (Qu)                     |                    |                  |                     |               |      |
| 136 | Wales           | Coed-Y-Llwyn              | NR              |                       |       |              |                              |                    |                  |                     |               |      |
| 137 |                 | Gwern-Y-Bwlch             | NR              |                       |       |              |                              |                    |                  |                     |               |      |
| 138 |                 | Aberbran                  | R               |                       |       |              |                              |                    |                  |                     |               |      |
| 139 |                 | Cae Mawr                  | R               | Wd BL (Qu)            |       | (Qu)         |                              | Rou (Qu)           |                  |                     | He<6 (Qu)     | (Qu) |
| 140 |                 | Freshwater East           | R               |                       |       |              |                              |                    | Dtch (Qu)        |                     | He>6 (Qu)     |      |
| 141 |                 | Gowerton                  | R               |                       |       |              | WetW (Qu)                    |                    | Bank&Dtch (Qu)   | Strm (Qu)           | He>6 (Qu)     |      |
| 142 |                 | Lady Margaret's Park      | R               | AWIE,Uoak             |       |              |                              | Wet (Qu)           |                  |                     | He<6 (Qu)     | (Qu) |

Caravan Club site-wide biodiversity audit 2006

| No. | Region | Site name                   | Q ? | Broad leaved woodland | Scrub | Wet woodland | Grasslands         | Ditches & banks | Rivers & streams | Species rich hedges | Veteran trees |
|-----|--------|-----------------------------|-----|-----------------------|-------|--------------|--------------------|-----------------|------------------|---------------------|---------------|
| 143 |        | Lleithyr Meadow             | R   | Wd BL (Qu)            | (Qu)  |              | Rou (Qu)           | Dtch (Qu)       |                  | He<6 (Qu)           |               |
| 144 |        | Pandy                       | R   | Wd BL (Qu)            |       |              |                    | Bank (Qu)       | Rivr (Qu)        | He>6 (Qu)           |               |
| 145 |        | Pembrey Country Park        | R   | Wd BL (Qu)            | (Qu)  |              |                    |                 |                  | He>6 (Qu)           | (Qu)          |
| 146 |        | Penrhos                     | R   |                       |       | WetW (Qu)    | Rou (Qu),Acid (Qu) |                 |                  |                     | (Qu)          |
| 147 |        | Shawsmead                   | R   |                       |       |              |                    |                 |                  |                     |               |
| 148 |        | Tredegar House Country Park | R   | Wd BL (Qu)            | (Qu)  |              | Rou (Qu)           | Bank (Qu)       |                  | He<6 (Qu)           | (Qu)          |
|     |        | <b>TOTALS</b>               |     | 82                    | 38    | 38           | 64                 | 34              | 23               | 63                  | 44            |

## 5.2 Species features

**Table 13.** Species features selected for inclusion in the Caravan Club cBAP, for each Caravan Club site, by region. ‘Q?’ Indicates Questionnaire responder (R), or Non Responder (NR). ‘Qu’ indicates features reported as present on the site in Questionnaire response (rather than in GIS data). GIS co-occurrence data presented as 0-1979 or 1980+ denotes species present up to, or from 1980 onwards. Where GIS data for two species are given in the same column (i.e. Bumble-bees: Large garden bumble-bee & Bumble-bee), the period of recording is followed by the initial for that species (LGB / B).

| No. | Region       | Site name         | Q ? | Great crested newt | Kestrel | Swallow Swift Martin | Bull-finch | Song thrush | Bumble-bees    | Common dormouse        | Slow worm | Autumn lady's tresses | Corn-flower | Green-winged orchid | Southern marsh orchid |        |
|-----|--------------|-------------------|-----|--------------------|---------|----------------------|------------|-------------|----------------|------------------------|-----------|-----------------------|-------------|---------------------|-----------------------|--------|
| 1   | Cotswolds    | Bromyard Downs    | NR  |                    |         |                      |            |             |                | 1980+                  |           | 0-1979                |             | 0-1979              | 0-1979                |        |
| 2   |              | Cirencester Park  | NR  | 1980+              |         |                      |            |             |                | 1980+                  |           |                       | 1980+       | 1980+               | 1980+                 |        |
| 3   |              | Moorhampton       | NR  | 0-1979             |         |                      |            |             |                |                        |           |                       |             | 1980+               | 1980+                 |        |
| 4   |              | Moreton-In-Marsh  | NR  | 1980+              |         |                      |            |             |                |                        |           |                       | 1980+       | 1980+               | 1980+                 |        |
| 5   |              | Blackmore         | R   | 1980+              |         |                      | Qu         |             | Qu             | Bees (Qu)              | 1980+     | 1980+                 | 1980+       | 1980+               |                       |        |
| 6   |              | Bladon Chains     | R   | 1980+              |         |                      |            |             |                | Bees (Qu)              |           |                       | 1980+       | 1980+               | 1980+                 |        |
| 7   |              | Broadway          | R   | 1980+,Newt (Qu)    |         | Qu                   | Qu         | Qu          | Qu             | Grdn (Qu),Bees (Qu)    |           |                       |             | 0-1979              |                       | 1980+  |
| 8   |              | Burford           | R   | 1980+              |         | Qu                   | Qu         | Qu          | Qu             | Bees (Qu)              |           |                       | 0-1979      |                     | 1980+                 | 0-1979 |
| 9   |              | Four Oaks         | R   | 0-1979             |         |                      | Qu         |             | Qu             | Bees (Qu)              | 0-1979    |                       |             | 1980+               | 1980+                 | 1980+  |
| 10  |              | Notgrove          | R   | 1980+              |         | Qu                   | Qu         | Qu          |                | Bees (Qu),0-1979 (LGB) | (Qu)      |                       | 0-1979      | 0-1979              | 0-1979                | 1980+  |
| 11  |              | Tewkesbury Abbey  | R   | 1980+              |         |                      | Qu         |             | Qu             | Bees (Qu)              |           |                       |             |                     |                       | 1980+  |
| 12  | Cumbria      | Englethwaite Hall | NR  |                    |         |                      |            |             |                |                        |           |                       |             |                     |                       |        |
| 13  |              | Low Park Wood     | NR  | 1980+              |         |                      |            |             |                |                        |           |                       |             |                     | 1980+                 |        |
| 14  |              | Park Coppice      | NR  | 0-1979             |         |                      |            |             |                |                        | 0-1979    |                       |             |                     |                       |        |
| 15  |              | Dockray Meadow    | R   |                    |         | Qu                   |            | Qu          | Qu             | Grdn (Qu),Bees (Qu)    |           | Qu                    |             |                     |                       |        |
| 16  |              | Low Manesty       | R   | 1980+,Newt (Qu)    |         |                      | Qu         | Qu          | Qu             | Bees (Qu)              |           | Qu                    |             |                     |                       |        |
| 17  | Meathop Fell | R                 |     |                    |         | Qu                   |            |             | Grdn (Qu),Bees |                        |           |                       | 0-1979      | 0-1979              | 1980+                 |        |

Caravan Club site-wide biodiversity audit 2006

| No. | Region           | Site name              | Q ? | Great crested newt | Kestrel | Swallow Swift Martin | Bull-finch | Song thrush | Bumble-bees                 | Common dormouse                | Slow worm | Autumn lady's tresses | Corn-flower | Green-winged orchid | Southern marsh orchid |  |
|-----|------------------|------------------------|-----|--------------------|---------|----------------------|------------|-------------|-----------------------------|--------------------------------|-----------|-----------------------|-------------|---------------------|-----------------------|--|
| 18  |                  | Troutbeck Head         | R   | Newt (Qu)          | Qu      | Qu                   |            | Qu          | (Qu)<br>Grdn (Qu),Bees (Qu) |                                |           |                       |             |                     |                       |  |
| 19  | Devon & Cornwall | Brook Lea              | NR  |                    |         |                      |            |             |                             | 1980+                          |           | 1980+                 |             |                     | 1980+                 |  |
| 20  |                  | Looe                   | NR  |                    |         |                      |            |             | 0-1979 (B)                  | 1980+                          |           | 0-1979                | 0-1979      |                     | 1980+                 |  |
| 21  |                  | Plymouth Sound         | NR  |                    |         |                      |            |             |                             |                                |           |                       |             |                     |                       |  |
| 22  |                  | St Agnes Beacon        | NR  |                    |         |                      |            |             |                             |                                |           |                       |             |                     |                       |  |
| 23  |                  | Start Bay              | NR  |                    |         |                      |            |             |                             |                                |           |                       |             |                     |                       |  |
| 24  |                  | Threeways              | NR  |                    |         |                      |            |             | 0-1979 (B)                  |                                |           | 1980+                 |             | 0-1979              | 1980+                 |  |
| 25  |                  | Treamble Valley        | NR  |                    |         |                      |            |             |                             |                                |           |                       |             |                     |                       |  |
| 26  |                  | Valley Truckle         | NR  |                    |         |                      |            |             | 0-1979 (LGB),<br>1980+ (B)  |                                |           |                       | 0-1979      | 0-1979              |                       |  |
| 27  |                  | Willingcott            | NR  |                    |         |                      |            |             |                             |                                |           | 1980+                 | 0-1979      | 1980+               | 0-1979                |  |
| 28  |                  | Broad Park             | R   | Newt (Qu)          |         |                      | Qu         |             | Qu                          | Grdn (Qu),Bees (Qu)            | 1980+     |                       | 0-1979      |                     | 1980+                 |  |
| 29  |                  | Godrevy Park           | R   |                    |         | Qu                   | Qu         |             | Qu                          | Grdn (Qu),Bees (Qu)            |           |                       |             |                     |                       |  |
| 30  |                  | Hillhead               | R   |                    |         | Qu                   | Qu         |             | Qu                          | Grdn (Qu),Bees (Qu)            |           | Qu                    |             |                     |                       |  |
| 31  |                  | Merrose Farm           | R   |                    |         |                      | Qu         | Qu          | Qu                          | Bees (Qu)                      |           |                       |             |                     |                       |  |
| 32  |                  | Putts Corner           | R   | Newt (Qu)          |         | Qu                   | Qu         | Qu          | Qu                          | Grdn (Qu),Bees (Qu)            | (Qu)      | Qu                    |             |                     |                       |  |
| 33  |                  | Ramslade               | R   |                    |         |                      | Qu         |             | Qu                          | Grdn (Qu),Bees (Qu),0-1979 (B) | 1980+     |                       | 1980+       | 0-1979              | 1980+                 |  |
| 34  | Stover           | R                      |     |                    |         | Qu                   | Qu         | Qu          | Grdn (Qu),Bees (Qu)         |                                | Qu        | 1980+                 |             | 1980+               |                       |  |
| 35  | Trewethett Farm  | R                      |     |                    | Qu      | Qu                   | Qu         |             |                             | 0-1979                         |           |                       | 0-1979      | 1980+               |                       |  |
| 36  | E Anglia         | Broadlands             | NR  |                    |         |                      |            |             |                             |                                |           |                       |             |                     |                       |  |
| 37  |                  | Grafham Water          | NR  | 1980+              |         |                      |            |             |                             |                                |           | 0-1979                | 0-1979      | 0-1979              |                       |  |
| 38  |                  | Round Plantation       | NR  | 1980+              |         |                      |            |             |                             | 0-1979                         |           |                       | 1980+       |                     | 1980+                 |  |
| 39  |                  | The Sandringham Estate | NR  |                    |         |                      |            |             |                             |                                |           |                       |             |                     |                       |  |
| 40  |                  | Cherry Hinton          | R   |                    |         |                      |            | Qu          | Qu                          | Bees (Qu)                      |           |                       | 1980+       | 0-1979              |                       |  |
| 41  |                  | Ferry Meadows          | R   | 1980+              |         |                      | Qu         | Qu          | Qu                          | Bees (Qu)                      |           | 0-1979                | 0-1979      | 0-1979              |                       |  |
| 42  |                  | Great Yarmouth         | R   |                    |         | Qu                   | Qu         |             |                             | Bees (Qu)                      |           |                       |             |                     |                       |  |
| 43  |                  | Incleboro Fields       | R   |                    |         | Qu                   | Qu         | Qu          |                             | Bees (Qu)                      |           |                       |             |                     |                       |  |

Caravan Club site-wide biodiversity audit 2006

| No. | Region        | Site name            | Q ?            | Great crested newt | Kestrel | Swallow Swift Martin | Bull-finch | Song thrush | Bumble-bees         | Common dormouse               | Slow worm   | Autumn lady's tresses | Corn-flower | Green-winged orchid | Southern marsh orchid |        |
|-----|---------------|----------------------|----------------|--------------------|---------|----------------------|------------|-------------|---------------------|-------------------------------|-------------|-----------------------|-------------|---------------------|-----------------------|--------|
| 44  |               | Norfolk Showground   | R              |                    |         | Qu                   |            |             | Bees (Qu)           |                               |             |                       |             |                     |                       |        |
| 45  |               | Seacroft             | R              | 0-1979             | Qu      |                      |            | Qu          | Bees (Qu)           | (Qu)                          |             |                       | 1980+       |                     | 1980+                 |        |
| 46  |               | The Covert           | R              |                    |         |                      |            |             | Grdn (Qu),Bees (Qu) | 1980+                         | Qu          | 0-1979                | 1980+       |                     | 1980+                 |        |
| 47  |               | White House Beach    | R              |                    |         | Qu                   | Qu         | Qu          | Bees (Qu)           |                               |             |                       |             |                     |                       |        |
| 48  | NE England    | Grange               | NR             |                    |         |                      |            |             |                     |                               |             |                       |             |                     |                       |        |
| 49  |               | Old Hartley          | NR             | 1980+              |         |                      |            |             |                     |                               |             |                       | 0-1979      |                     |                       |        |
| 50  |               | Seaview              | NR             |                    |         |                      |            |             |                     |                               |             |                       |             |                     |                       |        |
| 51  |               | White Water Park     | NR             |                    |         |                      |            |             |                     |                               |             |                       |             |                     |                       |        |
| 52  |               | Kielder Water        | R              |                    |         |                      | Qu         |             | Qu                  | Bees (Qu)                     |             |                       |             |                     |                       |        |
| 53  |               | Nunnykirk            | R              |                    |         | Qu                   | Qu         | Qu          | Qu                  | Bees (Qu)                     | (Qu)        |                       |             | 1980+               |                       |        |
| 54  |               | River Breamish       | R              | Newt (Qu)          | Qu      | Qu                   | Qu         | Qu          | Bees (Qu)           |                               | Qu          |                       |             |                     |                       |        |
| 55  | Peak District | Elvaston Castle      | NR             | 1980+              |         |                      |            |             | 0-1979 (LGB)        |                               |             |                       |             | 0-1979              | 1980+                 |        |
| 56  |               | Grin Low             | NR             | 1980+              |         |                      |            |             |                     |                               |             |                       | 1980+       |                     | 1980+                 |        |
| 57  |               | Blackwall Plantation | R              | 1980+              |         |                      | Qu         |             |                     | Bees (Qu)                     | 0-1979,(Qu) | Qu                    | 0-1979      | 1980+               | 0-1979                | 1980+  |
| 58  |               | Chatsworth Park      | R              | 1980+              |         | Qu                   | Qu         | Qu          | Qu                  | Grdn (Qu),Bees (Qu)           | 0-1979,(Qu) |                       | 0-1979      | 1980+               | 0-1979                | 1980+  |
| 59  |               | Losehill             | R              | 1980+              |         |                      | Qu         | Qu          | Qu                  | Bees (Qu)                     | (Qu)        |                       | 0-1979      |                     | 0-1979                |        |
| 60  | SE England    | Broomfield Farm      | NR             | 1980+              |         |                      |            |             |                     | 1980+                         |             | 0-1979                |             | 1980+               | 1980+                 |        |
| 61  |               | Slinfold             | NR             | 1980+              |         |                      |            |             |                     | 1980+                         |             | 1980+                 |             | 1980+               | 0-1979                |        |
| 62  |               | Wyatts Covert        | NR             | 1980+              |         |                      |            |             |                     | 1980+                         |             | 1980+                 |             | 1980+               |                       |        |
| 63  |               | Abbey Wood           | R              | 1980+              |         |                      | Qu         | Qu          | Qu                  | Grdn (Qu),Bees (Qu),1980+ (B) | (Qu)        | Qu                    | 0-1979      | 0-1979              |                       | 0-1979 |
| 64  |               | Alderstead Heath     | R              | 1980+              |         |                      | Qu         |             | Qu                  | Grdn (Qu),Bees (Qu)           | (Qu)        |                       | 0-1979      | 1980+               | 0-1979                |        |
| 65  |               | Amberley Fields      | R              | 1980+              |         | Qu                   |            |             |                     | Bees (Qu)                     | 0-1979      |                       | 1980+       | 0-1979              |                       | 1980+  |
| 66  |               | Ashridge Farm        | R              | 1980+,Newt (Qu)    |         | Qu                   | Qu         | Qu          | Qu                  | Bees (Qu),0-1979 (LGB)        | (Qu)        | Qu                    |             | 0-1979              | 1980+                 | 1980+  |
| 67  |               | Black Horse Farm     | R              |                    |         | Qu                   | Qu         | Qu          | Qu                  | Bees (Qu)                     | (Qu)        | Qu                    |             |                     |                       |        |
| 68  |               | Breakspear Way       | R              | 1980+              |         |                      |            |             | Qu                  | Bees (Qu),0-1979 (LGB)        |             |                       |             |                     | 0-1979                | 1980+  |
| 69  |               | Commons Wood         | R              | 1980+              |         |                      |            |             | Qu                  | Bees (Qu)                     |             |                       |             | 1980+               | 1980+                 |        |
| 70  |               |                      | Crystal Palace | R                  | 1980+   |                      |            |             | Qu                  | Grdn (Qu),Bees (Qu)           |             |                       |             | 0-1979              | 1980+                 | 1980+  |

Caravan Club site-wide biodiversity audit 2006

| No. | Region    | Site name         | Q ? | Great crested newt | Kestrel | Swallow Swift Martin | Bull-finch | Song thrush | Bumble-bees            | Common dormouse               | Slow worm | Autumn lady's tresses | Corn-flower | Green-winged orchid | Southern marsh orchid |       |
|-----|-----------|-------------------|-----|--------------------|---------|----------------------|------------|-------------|------------------------|-------------------------------|-----------|-----------------------|-------------|---------------------|-----------------------|-------|
| 71  |           | Daleacres         | R   |                    |         | Qu                   |            | Qu          | Grdn (Qu),Bees (Qu)    |                               |           |                       |             |                     |                       |       |
| 72  |           | Fairlight Wood    | R   | 1980+              |         | Qu                   | Qu         | Qu          | Grdn (Qu),Bees (Qu)    | 1980+,(Qu)                    | Qu        | 1980+                 |             | 1980+               |                       |       |
| 73  |           | Normanhurst Court | R   | 1980+              | Qu      | Qu                   | Qu         | Qu          | Bees (Qu)              | 1980+,(Qu)                    |           | 1980+                 |             | 1980+               |                       |       |
| 74  |           | Northbrook Farm   | R   | 1980+              | Qu      | Qu                   | Qu         |             | Bees (Qu),0-1979 (LGB) | 1980+                         |           | 1980+                 | 1980+       | 1980+               |                       |       |
| 75  |           | Rowan Park        | R   | 0-1979             |         | Qu                   | Qu         | Qu          | Bees (Qu)              | 1980+,(Qu)                    | Qu        | 0-1979                | 0-1979      | 0-1979              |                       |       |
| 76  |           | Sheepcote Valley  | R   | 1980+              | Qu      |                      |            | Qu          | Bees (Qu)              | (Qu)                          |           |                       | 0-1979      | 1980+               | 1980+                 |       |
| 77  | S England | Cheddar           | NR  | 1980+              |         |                      |            |             | 0-1979 (LGB)           | 1980+                         |           | 1980+                 |             | 1980+               | 1980+                 |       |
| 78  |           | Five Acres        | NR  |                    |         |                      |            |             |                        |                               |           | 1980+                 |             |                     |                       |       |
| 79  |           | Hillside          | NR  | 0-1979             |         |                      |            |             |                        | 0-1979 (B)                    | 1980+     |                       |             | 0-1979              | 1980+                 |       |
| 80  |           | Lakeside          | NR  |                    |         |                      |            |             |                        |                               | 1980+     |                       | 1980+       |                     | 1980+                 |       |
| 81  |           | Rookesbury Park   | NR  | 1980+              |         |                      |            |             |                        | 0-1979 (LGB)                  |           |                       | 1980+       | 1980+               | 1980+                 |       |
| 82  |           | Baltic Wharf      | R   | 1980+              |         | Qu                   |            |             | Qu                     |                               | 1980+     |                       | 1980+       | 1980+               | 1980+                 |       |
| 83  |           | Black Knowl       | R   |                    |         | Qu                   | Qu         | Qu          | Qu                     | Grdn (Qu),Bees (Qu)           | (Qu)      | Qu                    |             | 0-1979              | 1980+                 | 1980+ |
| 84  |           | Cadeside          | R   |                    |         |                      |            | Qu          | Qu                     | Bees (Qu)                     | 1980+     |                       | 1980+       |                     | 1980+                 | 1980+ |
| 85  |           | Crossways         | R   | Newt (Qu)          |         | Qu                   | Qu         | Qu          | Qu                     | Bees (Qu)                     |           | Qu                    | 1980+       |                     |                       |       |
| 86  |           | Exmoor House      | R   |                    |         |                      |            |             | Qu                     | Grdn (Qu),Bees (Qu)           | 0-1979    |                       | 0-1979      |                     | 0-1979                | 1980+ |
| 87  |           | Haycraft          | R   | 1980+              |         |                      |            |             | Qu                     | Grdn (Qu),Bees (Qu),1980+ (B) | 1980+     |                       | 1980+       | 1980+               | 1980+                 | 1980+ |
| 88  |           | Hunter's Moon     | R   | 1980+              |         |                      |            |             | Qu                     | Grdn (Qu),Bees (Qu),1980+ (B) | 1980+     | Qu                    | 1980+       | 1980+               | 0-1979                | 1980+ |
| 89  |           | Hurn Lane         | R   |                    |         |                      |            | Qu          |                        | Grdn (Qu),Bees (Qu)           |           |                       | 1980+       |                     | 0-1979                |       |
| 90  |           | Longleat          | R   | 1980+              |         | Qu                   | Qu         |             | Qu                     | Bees (Qu)                     | 1980+     | Qu                    | 1980+       | 1980+               | 1980+                 | 1980+ |
| 91  |           | Minehead          | R   | 0-1979             |         |                      |            |             | Qu                     | Bees (Qu)                     |           |                       | 0-1979      |                     | 1980+                 | 1980+ |
| 92  |           | Morn Hill         | R   |                    |         |                      |            | Qu          | Qu                     | Bees (Qu)                     | 1980+     |                       | 1980+       | 1980+               | 1980+                 | 1980+ |
| 93  | E Mids    | Clumber Park      | R   | 1980+              |         |                      |            |             | Bees (Qu)              | (Qu)                          |           |                       |             | 0-1979              |                       |       |
| 94  |           | Hawthorn Farm     | R   |                    | Qu      | Qu                   | Qu         | Qu          | Bees (Qu)              |                               | Qu        |                       |             |                     |                       |       |
| 95  |           | Top Lodge         | R   |                    |         |                      |            |             |                        | 0-1979                        |           |                       |             | 0-1979              |                       |       |
| 96  | N West    | Blackpool South   | NR  |                    |         |                      |            |             |                        |                               |           |                       | 1980+       |                     |                       |       |
| 97  |           | Southport         | NR  |                    |         |                      |            |             |                        |                               |           |                       | 1980+       |                     | 1980+                 |       |

Caravan Club site-wide biodiversity audit 2006

| No. | Region   | Site name                  | Q ? | Great crested newt | Kestrel | Swallow Swift Martin | Bull-finch | Song thrush | Bumble-bees          | Common dormouse | Slow worm | Autumn lady's tresses | Corn-flower | Green-winged orchid | Southern marsh orchid |
|-----|----------|----------------------------|-----|--------------------|---------|----------------------|------------|-------------|----------------------|-----------------|-----------|-----------------------|-------------|---------------------|-----------------------|
| 98  |          | Burrs Country Park         | R   |                    | Qu      |                      |            |             |                      |                 |           |                       |             |                     |                       |
| 99  |          | Chester Fair Oaks          | R   | 1980+              |         | Qu                   | Qu         | Qu          | Grdn (Qu), Bees (Qu) | (Qu)            |           |                       | 0-1979      | 1980+               | 1980+                 |
| 100 |          | Wirral Country Park        | R   |                    | Qu      | Qu                   | Qu         |             | Grdn (Qu), Bees (Qu) |                 |           |                       |             | 0-1979              |                       |
| 101 | W Mids   | High Onn                   | NR  | 1980+              |         |                      |            |             |                      |                 |           |                       | 0-1979      |                     | 1980+                 |
| 102 |          | Presthope                  | NR  |                    |         |                      |            |             |                      | 0-1979          |           | 0-1979                | 1980+       | 1980+               | 0-1979                |
| 103 |          | Blackshaw Moor             | R   | 1980+              | Qu      | Qu                   |            | Qu          | Grdn (Qu), Bees (Qu) |                 |           |                       |             | 0-1979              | 1980+                 |
| 104 |          | Chapel Lane                | R   | 1980+              | Qu      | Qu                   | Qu         | Qu          | Bees (Qu)            |                 |           |                       | 0-1979      | 0-1979              | 1980+                 |
| 105 |          | Uttoxeter Racecourse       | R   | 1980+              |         | Qu                   |            |             | Bees (Qu)            |                 |           |                       |             | 0-1979              | 1980+                 |
| 106 | York     | Beechwood Grange           | NR  | 1980+              |         |                      |            |             |                      |                 |           |                       | 1980+       |                     | 1980+                 |
| 107 |          | Knarborough                | NR  | 0-1979             |         |                      |            |             |                      |                 |           |                       | 1980+       |                     | 1980+                 |
| 108 |          | West Ayton                 | NR  | 0-1979             |         |                      |            |             |                      |                 |           | 0-1979                |             | 1980+               |                       |
| 109 |          | Brown Moor                 | R   | Newt (Qu)          | Qu      | Qu                   | Qu         | Qu          | Bees (Qu)            | (Qu)            | Qu        |                       |             |                     |                       |
| 110 |          | Great Yorkshire Showground | R   | 0-1979, Newt (Qu)  | Qu      | Qu                   | Qu         | Qu          | Bees (Qu)            | (Qu)            | Qu        |                       | 1980+       |                     | 1980+                 |
| 111 |          | Hargill House              | R   |                    | Qu      | Qu                   |            | Qu          | Grdn (Qu), Bees (Qu) | (Qu)            |           |                       |             |                     |                       |
| 112 |          | Low Moor                   | R   | Newt (Qu)          |         | Qu                   | Qu         | Qu          | Bees (Qu)            | (Qu)            |           |                       |             |                     |                       |
| 113 |          | Lower Clough Foot          | R   |                    |         | Qu                   | Qu         |             | Bees (Qu)            |                 |           |                       |             |                     |                       |
| 114 |          | Rowntree Park              | R   | 0-1979             |         | Qu                   | Qu         | Qu          | Bees (Qu)            |                 |           |                       |             |                     | 0-1979                |
| 115 |          | Strid Wood                 | R   |                    |         | Qu                   | Qu         | Qu          | Bees (Qu)            | (Qu)            |           |                       |             |                     |                       |
| 116 |          | The Howard Rosedale Abbey  | R   | 1980+              | Qu      | Qu                   | Qu         | Qu          | Bees (Qu)            |                 | Qu        |                       |             | 0-1979              |                       |
| 117 |          | Wharfedale                 | R   |                    | Qu      | Qu                   | Qu         | Qu          | Bees (Qu)            |                 |           |                       |             |                     | 0-1979                |
| 118 | Scotland | Craigie Gardens            | NR  |                    |         |                      |            |             |                      |                 |           |                       |             |                     |                       |
| 119 |          | Dalchalm                   | NR  |                    |         |                      |            |             |                      |                 |           |                       | 0-1979      |                     |                       |
| 120 |          | Dunnet Bay                 | NR  |                    |         |                      |            |             |                      |                 |           |                       |             |                     |                       |
| 121 |          | Grummore                   | NR  |                    |         |                      |            |             |                      |                 |           |                       |             |                     |                       |
| 122 |          | Kinlochewe                 | NR  |                    |         |                      |            |             |                      |                 |           |                       |             |                     |                       |
| 123 |          | Silverbank                 | NR  |                    |         |                      |            |             |                      |                 |           |                       |             |                     |                       |
| 124 |          | The Invercauld             | NR  |                    |         |                      |            |             |                      |                 |           |                       |             |                     |                       |
| 125 |          | Balbirnie Park             | R   |                    |         |                      |            | Qu          | Grdn (Qu), Bees      |                 |           |                       |             |                     |                       |

Caravan Club site-wide biodiversity audit 2006

| No. | Region | Site name                   | Q ? | Great crested newt     | Kestrel   | Swallow Swift Martin | Bull-finch | Song thrush | Bumble-bees                 | Common dormouse | Slow worm | Autumn lady's tresses | Corn-flower | Green-winged orchid | Southern marsh orchid |
|-----|--------|-----------------------------|-----|------------------------|-----------|----------------------|------------|-------------|-----------------------------|-----------------|-----------|-----------------------|-------------|---------------------|-----------------------|
| 126 |        | Bunree                      | R   |                        |           | Qu                   |            | Qu          | (Qu)<br>Grdn (Qu),Bees (Qu) |                 |           |                       |             |                     |                       |
| 127 |        | Clachan                     | R   |                        | Qu        | Qu                   | Qu         | Qu          | Bees (Qu)                   |                 |           |                       | 0-1979      |                     |                       |
| 128 |        | Culloden Moor               | R   |                        |           | Qu                   |            | Qu          | Bees (Qu)                   |                 |           |                       |             |                     |                       |
| 129 |        | Edinburgh                   | R   |                        |           | Qu                   |            | Qu          | Grdn (Qu),Bees (Qu)         | (Qu)            |           |                       |             |                     |                       |
| 130 |        | Garlieston                  | R   |                        |           | Qu                   |            |             | Grdn (Qu),Bees (Qu)         |                 |           |                       |             |                     |                       |
| 131 |        | Gibson Park                 | R   |                        |           | Qu                   | Qu         | Qu          | Bees (Qu)                   |                 |           |                       |             |                     |                       |
| 132 |        | Maragowan                   | R   |                        |           | Qu                   | Qu         | Qu          | Bees (Qu)                   | (Qu)            |           |                       |             |                     |                       |
| 133 |        | Morvich                     | R   |                        |           | Qu                   |            | Qu          | Bees (Qu)                   | (Qu)            |           |                       |             |                     |                       |
| 134 |        | New England Bay             | R   |                        | Qu        | Qu                   |            | Qu          | Bees (Qu)                   | (Qu)            |           |                       |             |                     |                       |
| 135 |        | Yellowcraig                 | R   | 0-1979,Newt (Qu)       | Qu        | Qu                   |            | Qu          | Bees (Qu)                   |                 |           |                       |             |                     |                       |
| 136 | Wales  | Coed-Y-Llwyn                | NR  |                        |           |                      |            |             |                             |                 |           | 1980+                 |             | 1980+               |                       |
| 137 |        | Gwern-Y-Bwlch               | NR  | 0-1979                 |           |                      |            |             |                             |                 |           | 1980+                 | 0-1979      | 1980+               |                       |
| 138 |        | Aberbran                    | R   | 1980+                  |           | Qu                   | Qu         | Qu          | Bees (Qu)                   | (Qu)            |           |                       |             |                     |                       |
| 139 |        | Cae Mawr                    | R   |                        | Qu        | Qu                   | Qu         | Qu          | Grdn (Qu),Bees (Qu)         |                 |           | 1980+                 |             |                     |                       |
| 140 |        | Freshwater East             | R   | Newt (Qu)              |           | Qu                   | Qu         | Qu          | Bees (Qu)                   | (Qu)            | Qu        |                       |             |                     |                       |
| 141 |        | Gowerton                    | R   |                        |           | Qu                   | Qu         | Qu          |                             |                 |           | 1980+                 |             | 1980+               | 1980+                 |
| 142 |        | Lady Margaret's Park        | R   | 1980+,GCN <sup>†</sup> | Qu        | Qu                   | Qu         | Qu          | Bees (Qu)                   |                 |           | 0-1979                |             | 0-1979              | 1980+                 |
| 143 |        | Lleithyr Meadow             | R   |                        | Qu        | Qu                   | Qu         | Qu          | Bees (Qu)                   |                 |           |                       |             |                     |                       |
| 144 |        | Pandy                       | R   | 1980+                  |           | Qu                   |            | Qu          | Grdn (Qu),Bees (Qu)         |                 |           | 1980+                 | 0-1979      | 1980+               |                       |
| 145 |        | Pembrey Country Park        | R   | Newt (Qu)              |           | Qu                   | Qu         | Qu          |                             | 1980+           |           |                       |             |                     |                       |
| 146 |        | Penrhos                     | R   |                        |           | Qu                   |            | Qu          | Bees (Qu)                   | (Qu)            |           | 1980+                 | 1980+       | 0-1979              |                       |
| 147 |        | Shawsmead                   | R   |                        | Qu        | Qu                   |            |             | Bees (Qu)                   |                 | Qu        |                       |             |                     | 1980+                 |
| 148 |        | Tredegar House Country Park | R   | 1980+                  |           | Qu                   |            |             | Bees (Qu)                   | 1980+           |           | 0-1979                | 1980+       |                     |                       |
|     |        | <b>TOTALS</b>               |     | <b>73</b>              | <b>42</b> | <b>81</b>            | <b>52</b>  | <b>76</b>   | <b>99</b>                   | <b>61</b>       | <b>23</b> | <b>50</b>             | <b>55</b>   | <b>62</b>           | <b>63</b>             |

<sup>†</sup> Positive report of great crested newt (as opposed to a *newt species*), in the questionnaire survey.