

# An audit of biodiversity data for the Chiltern Commons

Report to Chilterns Conservation Board

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## **Summary**

Buckinghamshire and Milton Keynes Environmental Records Centre (BMERC) was commissioned by the Chilterns Conservation Board to carry out an audit of the recorded biodiversity interest across the Chiltern Commons. This was done as a desktop study, drawing on the data held by the four Local Environmental Records Centres that cover the area of the Chilterns AONB.

Summary statistics and details for each of the 187 Chiltern Commons are presented. From this, it is clear that the Commons provide a substantial resource for biodiversity:

- There are 187 Commons in the Chilterns AONB, covering 2,002 hectares
- Three-quarters of the Commons are under 5 ha in area, 5 of them are over 100 ha
- Over two-thirds of the area of the Commons is designated for its wildlife interest, either locally, nationally or internationally
- Of the larger Commons (over 5 ha), just under 90% have documented biodiversity interest (protected sites, BAP habitats, or notable species)

Although information on protected sites is comprehensive for the Commons, there are gaps and limitations in data for habitats, habitat condition and species. Suggestions are given for developing better knowledge in these areas.

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# An audit of biodiversity data for the Chiltern Commons

## 1. Background

Buckinghamshire and Milton Keynes Environmental Records Centre (BMERC) was commissioned by the Chilterns Conservation Board to carry out an audit of the recorded biodiversity interest across the Chiltern Commons, in order to make a preliminary assessment of the value of the Commons for biodiversity. This was done as a desktop study, drawing on the data held by the four Local Environmental Records Centres that cover the area of the Chilterns AONB.

## 2. Abbreviations used in this report

AONB:	Area of Outstanding Natural Beauty
BAP:	Biodiversity Action Plan
BBOWT:	Berkshire, Buckinghamshire and Oxfordshire Wildlife Trust
BMERC:	Buckinghamshire and Milton Keynes Environmental Records Centre
BNS:	Biological Notification Site (used in Buckinghamshire, a forerunner of the Local Wildlife Sites system)
BRMC:	Bedfordshire and Luton Biodiversity Recording and Monitoring Centre
CCB:	Chilterns Conservation Board
HBRC:	Hertfordshire Biological Records Centre
LWS:	Local Wildlife Site (= County Wildlife Site)
SAC:	Special Area of Conservation
SSSI:	Site of Special Scientific Interest
TVERC:	Thames Valley Environmental Records Centre

## 3. Methods

The information presented in this report was largely compiled from GIS data, using ESRI-ArcMap, and Microsoft Access 2000 for additional analysis. Data sources were as follows:

- Chiltern Commons: GIS data downloaded by Chilterns Conservation Board in July 2006 via the [www.buildonline.com](http://www.buildonline.com) website, which at the time was hosted and managed by the Countryside Agency. That website no longer exists, and equivalent data is now available via the [www.magic.gov.uk](http://www.magic.gov.uk) website. The GIS data represents Open Access land (Registered Commons) under the CROW Act 2000, that fall within the Chilterns AONB boundary.
- Statutorily protected sites (SAC, SSSI): GIS data was downloaded from the English Nature (now Natural England) website on 12 September 2006 (SSSIs) and 27 October 2006 (SACs).
- Local site designations: provided by the four Local Environmental Records Centres (BMERC, BRMC, HBRC, TVERC), as follows:
  - Bedfordshire: County Wildlife Sites
  - Buckinghamshire: Biological Notification Sites, County Wildlife Sites
  - Hertfordshire: County Wildlife Sites
  - Oxfordshire: County Wildlife Sites
- Habitat data – national inventories: GIS data for BAP Priority habitats was downloaded from the English Nature (now Natural England) website on 12 August 2005
- Species data: data for protected species, UK BAP species, and other notable species (e.g. Red Data Book, Nationally Scarce) was provided by the four Local Environmental Records Centres (BMERC, BRMC, HBRC [protected species only], TVERC).

See Appendix 4 for contact details for the four Local Environmental Records Centres.

#### 4. Main summarised statistics

##### 4.1 Commons statistics

Based on GIS data for the Chiltern Commons provided by Chilterns Conservation Board.

- **Number** of Commons in the Chilterns AONB: **187**
- **Area** of Commons: **2,002 hectares**
- **Number** of Commons **5 ha or larger** in area: 46 (**24.6%** of total number of Commons)
- **Number** of Commons **less than 5 ha** in area: 141 (**75.4%** of total number of Commons)
- **Smallest** Common is **8.7 square metres** (The Parish Well at Loosley Row)
- **Number** of Commons **more than 100 ha** in area: 5 (**2.7%** of total number of Commons)
- **Largest** Common is **373 hectares** (Northchurch and Berkhamsted Common)

See also Figures 1 and 2 (below) and Map 1 (at end of document).

Figure 1. Frequency distribution of Commons by size class.

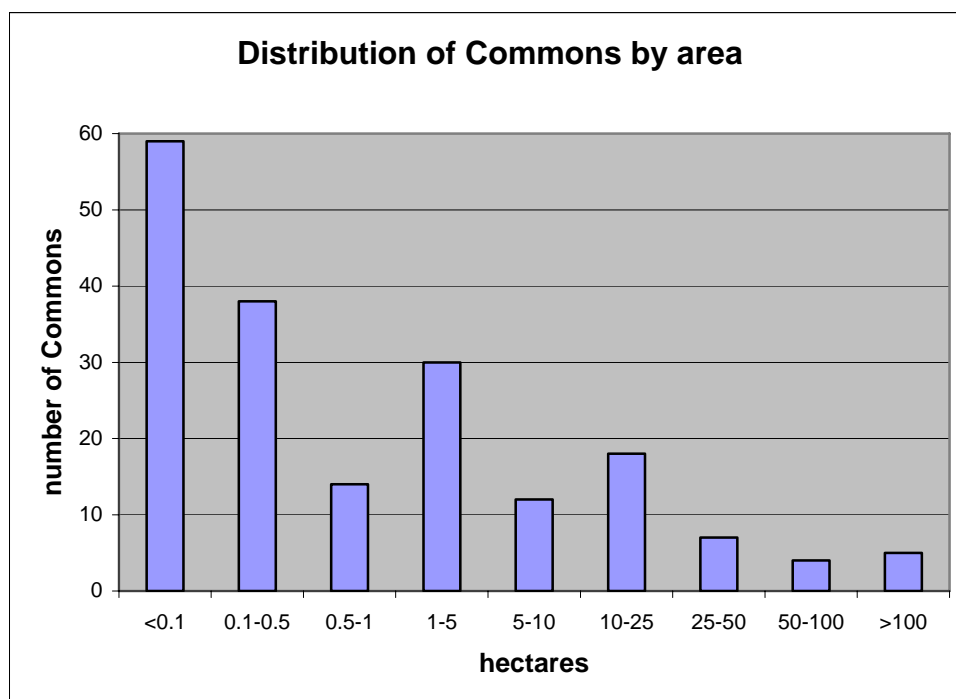
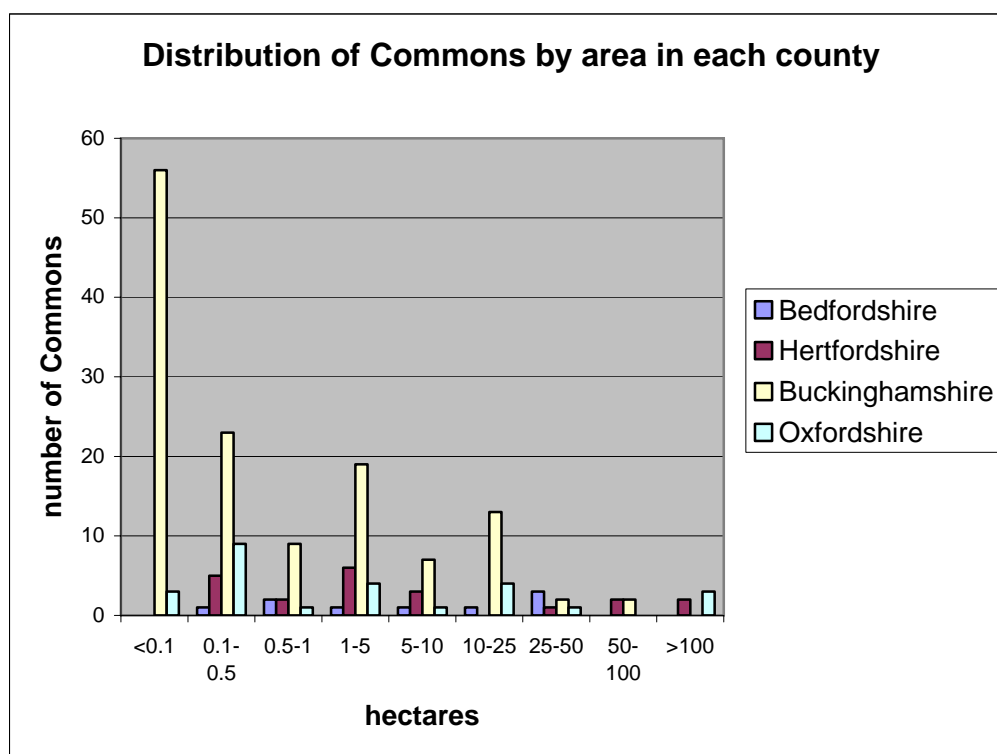


Figure 2. Frequency distribution of Commons by size class and county.



#### 4.2 Commons and protected sites statistics

Note that all SACs are also SSSIs. Some areas of land in Bedfordshire, Hertfordshire and Buckinghamshire are designated as both Local Wildlife Sites and SSSIs.

In some cases the proportion of the Common that is under a site designation is very small, often due to minor discrepancies in the digitisation of boundaries for the Commons and for the protected sites. In calculating the figures below we have excluded any overlap that is less than 1% of the total area of the Common; arguably this threshold should be set higher, but it seemed better to apply a precautionary principle and include any Common with at least 1% designation, since 1% of the larger Commons is a significant land area. This decision may result in the figures for the number of Commons designated being on the high side, but will not significantly affect the figures for land areas.

- **Number** of Commons designated as **SAC**, at least in part: 9 (**4.8%** of total number of Commons)
- **Area** of Commons designated as **SAC**: 444 ha (**22.2%** of total Commons area)
- **Number** of Commons designated as **SSSI**, at least in part: 19 (**10.1%** of total number of Commons)
- **Area** of Commons designated as **SSSI**: 617 ha (**30.8%** of total Commons area)
- **Number** of Commons designated as **LWS**, at least in part: 37 (**19.8%** of total number of Commons)
- **Area** of Commons designated as **LWS**: 1,072 ha (**53.5%** of total Commons area)
- **Additional number** of Commons in the **Buckinghamshire** Chilterns designated as **BNS**, at least in part: 26 (if these are treated as equivalent to LWS status it would bring the number of **LWS** to 63, which is **33.7%** of the total number of Commons)
- **Additional area** of Commons in the **Buckinghamshire** Chilterns that designated as **BNS**: 146 ha (if these are treated as equivalent to LWS status it would bring the area of **LWS** to 1,218 ha, which is **60.8%** of the total Commons area)

- From **combining** the figures for **SSSI, LWS** and **BNS** (but see caveats above regarding overlaps), the **number** of Commons that receive some form of protected site designation is 72 (**38.5%** of total number of Commons)
- From **adding** the areas for **SSSI, LWS** and **BNS** (but see caveats above regarding overlaps), the **area** of Commons that receive some form of protected site designation is 1,835 ha; allowing for the larger of the overlaps between SSSI and LWS this figure reduces to 1,388 ha (**69.3%** of total Commons area)
- The **number** of Commons that receive **no** protected site designation is 115 (**61.5%** of total number of Commons)
- The **area** of those Commons that receive **no** protected site designation **at all** is 133 ha (**6.6%** of total Commons area); thus the unprotected Commons are generally the smaller ones, with an average area of 1.16 ha
- The **area** of land that is **undesignated within** Commons that are **part-designated** is 481 ha (**24.0%** of total Commons area)
- The **total area** of Commons that is **not** under any designation is 614 ha (**30.7%** of total Commons area)

#### 4.3 Commons and habitats

*Habitat information is based on the national habitat inventories for UK BAP habitats and ancient woodlands, provided as GIS layers by Natural England (downloaded 12 August 2005), with some additional information taken from habitat data held by TVERC, BRMC and HBRC. NB that not all BAP Priority habitats have been inventoried as yet (see below); there are known to be errors and omissions in the datasets that are available; and the habitats mapped may overlap in some areas. In particular, the figures for Lowland Heathland seem rather high, and result from areas of acid grassland on the clay-with-flints (especially at Ashridge) being mapped as heathland. **These figures should be treated with caution**, pending more detailed habitat mapping at county level (see section 5.2 below).*

*As before, in some cases the overlaps between Commons and mapped habitats are small, but all Commons that have at least 1% of their area overlapping a mapped habitat have been included.*

- **Number** of Commons mapped in the national inventories as **containing UK BAP Priority habitats**, at least in part: 41 (**21.9%** of total number of Commons)
- **Number** of Commons containing **Mixed Deciduous Woodland**: 15 (**8.0%** of total number of Commons)
- **Area** of Commons mapped as **Mixed Deciduous Woodland**: 121 ha (**6.0%** of total Commons area)
- **Number** of Commons containing **Lowland Beech and Yew Woodland**: 3 (**1.6%** of total number of Commons)
- **Area** of Commons mapped as **Lowland Beech and Yew Woodland**: 0.3 ha (**0.01%** of total Commons area)
- **Number** of Commons containing **Wet Woodland**: 1 (**0.5%** of total number of Commons)
- **Area** of Commons mapped as **Wet Woodland**: 3 ha (**0.1%** of total Commons area)
- **Number** of Commons containing **Lowland Heathland**: 11 (**5.9%** of total number of Commons)
- **Area** of Commons mapped as **Lowland Heathland**: 364 ha (**18.2%** of total Commons area)
- **Number** of Commons containing **Calcareous Grassland**: 4 (**2.1%** of total number of Commons)
- **Area** of Commons mapped as **Calcareous Grassland**: 105 ha (**5.2%** of total Commons area)
- **Number** of Commons containing **BAP grassland** (exact type not identified): 8 (**4.3%** of total number of Commons)
- **Area** of Commons mapped as **BAP grassland** (exact type not identified): 370 ha (**18.5%** of total Commons area)
- **Number of Commons mapped as BAP habitat but not receiving any protected site designation**: 1 (**Bu148 - Great Hampden Common**, mapped as 15% Mixed Deciduous Woodland, and also Ancient Woodland, but not currently under any site designation)

**Other UK BAP Priority habitats that are mapped within the Chilterns but do not coincide with Chiltern Commons (according to the national inventories):** Lowland Meadow; Lowland Dry Acid Grassland (small amount at Frogmore Meadows, Chenies); Fens (small amounts by Thames and at Pitstone); Floodplain Grazing Marsh (small amount by Thames); Reedbeds (small amount around Tring reservoirs).

**Other UK BAP habitats that could be present in the Chilterns but for which no data exists in the national inventories:** Lowland Wood-pasture and Parkland; Ancient and/or Species-rich Hedgerows; Cereal Field Margins; Eutrophic Standing Waters; Chalk Streams.

- **Number** of Commons containing **Ancient Woodland**: 17 (**9.1%** of total number of Commons)
- **Area** of Commons mapped as **Ancient Woodland**: 162 ha (**8.1%** of total Commons area)
- **Number** of Commons containing **Ancient Semi-natural Woodland**: 15 (**8.0%** of total number of Commons)
- **Area** of Commons mapped as **Ancient Semi-natural Woodland**: 136 ha (**6.8%** of total Commons area)
- **Number** of Commons containing **Replanted Ancient Woodland**: 3 (**1.6%** of total number of Commons)
- **Area** of Commons mapped as **Replanted Ancient Woodland**: 24 ha (**1.2%** of total Commons area)

#### 4.4 Commons and species

*Species data is difficult to interpret in a consistent way for all Commons (see section 5.4 below). This section presents some preliminary analysis, much of it for the Buckinghamshire section of the Chilterns only (which includes 131 Commons). Species data is always to some degree a reflection of recording effort and accessibility of sites, as well as the actual species distributions. We have analysed only those records whose grid references fall within one of the Chiltern Commons polygons, taking no account of site names, and the figures quoted are likely to represent a minimum number of Commons with species interest.*

*The term “notable species” refers to all species that fall into one or more of the following categories: protected; UK BAP Priority; Red Data Book; Nationally Scarce; Birds of Conservation Concern (RSPB ‘Red and Amber’ listings).*

- **Number** of Commons (**across whole of AONB**) that have any type of **notable species interest recorded**: **45 (24.1%** of total number of Commons)
- **Number** of Commons 5 ha or larger (**across whole of AONB**) that have any type of **notable species interest recorded**: **38 (82.6%** of total number of Commons that are 5 ha or larger)
- **Number** of Buckinghamshire Commons with records of **European protected species**: 4 (**3.1%** of total number of Buckinghamshire Commons) – one common has bats, two have Great Crested Newt
- **Number** of Buckinghamshire Commons with records of **UK protected species**: 12 (**9.1%** of total number of Buckinghamshire Commons), each Common with 1–6 species.
- **Number** of Buckinghamshire Commons with records of **UK BAP Priority species**: 10 (**7.6%** of total number of Buckinghamshire Commons), each Common with 1–4 species.
- **Number** of Buckinghamshire Commons with records of **Red Data Book species**: 4 (**3.1%** of total number of Buckinghamshire Commons), each Common with 1–2 species.
- **Number** of Buckinghamshire Commons with records of **Nationally Scarce species**: 16 (**12.2%** of total number of Buckinghamshire Commons), each Common with 1–19 species.
- **Number** of Buckinghamshire Commons with records of **Red or Amber listed bird species**: 13 (**9.9%** of total number of Buckinghamshire Commons), each Common with 1–22 species.
- **Number** of Buckinghamshire Commons with records of **County Scarce and Rare plants**: 27 (**20.6%** of total number of Buckinghamshire Commons), each Common with 1–36 species.
- **Number** of Buckinghamshire Commons with records of any species falling into at least one of the **above categories**: 30 (**22.9%** of total number of Buckinghamshire Commons), each Common with 1–36 species.



#### 4.5 Commons and overall biodiversity interest

Taking all the evidence available on GIS for protected sites, BAP habitats and notable species.

- **Number of Commons with protected site interest:** 72 (**38.5%** of total number of Commons)
- **Number of Commons with documented BAP Priority habitat interest:** 31 (**16.6%** of total number of Commons)
- **Number of Commons with documented notable species interest:** 45 (**24.1%** of total number of Commons)
- **Number of Commons with documented biodiversity interest of any sort:** 75 (**40.1%** of total number of Commons)
- **Number of Commons of area 5 ha or greater with documented biodiversity interest of any sort:** 41 (**89.1%** of total number of Commons that are **of area 5 ha or greater**) – see Table 1.
- **Number of Commons with no documented biodiversity interest:** 110 (**58.9%** of total number of Commons) – see Table 2; of these, all but three are under 3 ha in area, and only one is over 7 ha: Bu101 - Little Hampden Common (17.9 ha).

Table 1. All Commons with some degree of documented biodiversity interest.

Code	Common	Area (ha)	International designation?	National designation?	Local designation?	May have BAP habitat?	May have ancient woodland?	Documented species interest?
Be004	Whipsnade Heath	14.20			Yes			Yes
Be013	Dunstable Downs	47.30		Yes	Yes	Yes		Yes
Be018	Studham Common	26.55			Yes			Yes
Be030	Warden and Galley Hills	47.59		Yes	Yes	Yes		Yes
Be034	Public Chalk Quarry	0.81		Yes	Yes	Yes		Yes
Be051	Whipsnade Heath	7.43			Yes			Yes
Bu001	Booker Common	36.44			Yes	Yes	Yes	Yes
Bu002	Newmer Common	4.06			Yes			
Bu005	Northend Common	13.16			Yes			Yes
Bu006	Turville Heath	20.91			Yes			Yes
Bu009	Summer Heath	8.23			Yes			Yes
Bu010	Gravesend	0.01			Yes	Yes	Yes	
Bu013	Bolters End Common	9.46			Yes	Yes	Yes	Yes
Bu014	Cadmore End Common	19.09			Yes			Yes
Bu016	Northern Corner of Moorend Common	0.06		Yes		Yes		
Bu021	Hawridge and Cholesbury Commons	42.62			Yes	Yes		Yes
Bu025	Land extending Southwards from Cholesbury Common	1.34						Yes
Bu026	Land including Bank Green and Peppett Green	7.70			Yes			
Bu028	Manorial Waste at Chartridge	3.62			Yes			
Bu032	Manorial Waste in Little Hundridge Lane	0.73			Yes			
Bu048	Ditchfield Common	4.63			Yes			Yes
Bu049	Moor Common	5.17			Yes			Yes
Bu050	Marlow Common	23.28			Yes	Yes	Yes	Yes
Bu055	Hundridge Wood	6.39			Yes	Yes	Yes	Yes
Bu063	Naphill Common	61.09	Yes	Yes				Yes
Bu067	Pitstone Common	23.84	Yes	Yes	Yes	Yes		Yes
Bu073	Downley Common	22.25			Yes			Yes
Bu074	Wheeler End Common	14.26			Yes			Yes
Bu077	Part of Wheeler End Common	5.23			Yes			Yes
Bu079	Handleton Common	4.08			Yes			Yes
Bu082	Moor End Common	23.24		Yes		Yes		Yes
Bu085	Big Round Green	0.61			Yes			
Bu087	Ibstone Common	16.61			Yes			Yes
Bu091	Bradenham Hill	4.87	Yes	Yes	Yes	Yes	Yes	Yes

Code	Common	Area (ha)	International designation?	National designation?	Local designation?	May have BAP habitat?	May have ancient woodland?	Documented species interest?
Bu098	Coleshill Pond	0.20						Yes
Bu099	Ivinghoe Common	70.71	Yes	Yes	Yes	Yes		Yes
Bu114	Part of Pitstone Common	0.16	Yes	Yes	Yes	Yes	Yes	
Bu116	Part of Downley Common	0.05			Yes			
Bu117	Part of Booker Common	1.01			Yes	Yes	Yes	
Bu118	Part of Newmer Common	0.07			Yes			
Bu142	Southend Common	1.97			Yes			
Bu148	Great Hampden Common	23.67				Yes	Yes	Yes
Bu157	West Wycombe Hill	21.22			Yes			Yes
Bu207	Turville Heath (Southern Part)	5.74			Yes			
Bu213	Part of Marlow Common	0.42	Yes	Yes		Yes	Yes	
Bu215	Pheasants Hill	15.52			Yes			Yes
Bu241	The Rag Pit	0.75			Yes			
Bu257	Part of Turville Heath	0.03			Yes			
Bu260	Part of Cadmore End Common	0.01			Yes			
Bu289	Part of Southend Common	0.26			Yes			
Bu299	Loxborough Hill	1.44			Yes			Yes
He047	Northchurch and Berkhamsted Common	373.13	Yes	Yes	Yes	Yes		Yes
He069	Berkhamsted Common	0.51			Yes			
He072	Lilley Hoo	75.36			Yes	Yes		Yes
He073	Aldbury Common	112.17	Yes	Yes	Yes	Yes	Yes	Yes
He074	Berkhamsted Common (part)	64.86			Yes	Yes		Yes
He080	Little Heath	3.92		Yes	Yes			
He081	Hudnall Common	47.52			Yes			Yes
He118	Little Heath (part)	4.78			Yes			
He119	Land on the west of Berkhamsted Common	0.18			Yes			
He120	Land lying on the east side of Allotment Gardens and part of Aldbury Common	0.14			Yes			
He192	Manorial waste	2.54			Yes	Yes	Yes	
He193	Manorial waste	4.47			Yes			
He196	Part of Dean Lane	0.46			Yes	Yes	Yes	
He200	Green Lane	2.53			Yes			Yes
He265	Little Heath	1.13			Yes			
He281	Dawes Common	5.08			Yes			
Ox018	Crockerend Green	5.08			Yes			Yes
Ox032	Chalk Pits	1.17		Yes		Yes		
Ox038	Land in the parishes of Nettlebed, Highmoor and Rotherfield Peppard	236.95			Yes	Yes	Yes	Yes
Ox041	Hempton Plain	26.87		Yes		Yes		Yes
Ox050	Land in the parishes of Checkendon Common...Nuffield	116.09			Yes	Yes	Yes	Yes
Ox069	Russells Water Common	108.82		Yes		Yes		Yes
Ox096	Maidensgrove Scrubs	17.33		Yes		Yes	Yes	Yes
Ox112	Crowell Common	13.52	Yes	Yes		Yes	Yes	

**Table 2. All Commons with no documented biodiversity interest (Commons over 2 ha are *highlighted*)**

<b>Code</b>	<b>Common</b>	<b>Area (ha)</b>
Be031	Totterhoe Regulated Pastures on the North West side of Icknield Way (part)	1.68
Be032	Totterhoe Regulated Pastures on the South East side of Icknield Way (part)	0.50
Be059	Land near Tring Road	0.42
<b>Bu015</b>	<b>Little Common</b>	<b>2.38</b>
Bu017	The Pound in Fingest Manor	0.00
Bu018	Land on either side of the road from Fingest to Stokenchurch	0.06
Bu019	Land to the south-west of St. Bartholomew's Church	0.04
Bu020	Land at the junction of Moor End Road with Fingest-Bolter End Road	0.02
Bu024	The Green	0.05
Bu027	Manorial Waste at Asheridge	0.70
Bu033	Land at Hyde Heath	0.09
Bu034	Land at Hyde Heath	0.69
<b>Bu035</b>	<b>Weedonhill Green</b>	<b>2.99</b>
Bu052	Forty Green	1.01
Bu070	Toweridge Common	1.71
Bu072	The Common Moor	0.69
Bu078	Land off Bolter End Lane	0.00
Bu081	Land at Lane End	0.12
<b>Bu101</b>	<b>Little Hampden Common</b>	<b>17.90</b>
Bu105	Copy Green	0.62
Bu106	Land on either side of Dobbins Lane, High Street and Pound Street	0.04
Bu110	Chawley Green Farm	0.33
Bu115	Part of Naphill Common	0.03
Bu121	Beechgrove Pond	0.02
Bu122	Studmere Pond	0.11
Bu123	City Pond	0.02
Bu124	Horse Pond	0.06
Bu125	Cadmores Pond	0.06
Bu126	Wigmore Pond	0.03
Bu127	Timor Pond	0.01
Bu128	Whitewashing Pond	0.05
Bu129	Deep Pit Pond	0.02
Bu130	Public Pond at Turnip End	0.01
Bu131	The Parish Well at Loosley Row	0.00
Bu132	Land south of Leyland's Farm	0.03
Bu133	Land near Kiln Cottage	0.03
Bu134	Land at the Entrance to St Lawrence's Church	0.03
Bu135	The Pound at Askett	0.00
Bu137	Allotment Gardens at Dagnall	1.77
Bu166	Allotments at Water End	0.41
<b>Bu167</b>	<b>Allotments at Stokenchurch</b>	<b>2.89</b>
Bu168	Swilly Pond	0.10
Bu181	The Pound at Stokenchurch	0.00
Bu184	The Green	0.04
Bu185	Allotment Gardens at Bennett End	0.41
Bu186	Allotment Gardens at Spriggs Alley	0.48
Bu187	Allotment Gardens at the Chapel	1.17
Bu188	Allotment Gardens at the City	1.23
Bu189	Well at Town End	0.01
Bu190	Well Adjoining Radnage Common	0.00
Bu191	Pond in Sprigg's Alley	0.01
Bu192	Pond at the City	0.02
Bu193	Pond in Green End Road	0.07
Bu194	Pond in Radnage Common Road	0.01
Bu195	Pond adjoining the Chapel	0.04
Bu196	The Knowl	0.87
Bu197	Land at Fagnall Lane	0.07
<b>Bu198</b>	<b>Winchmore Hill Common</b>	<b>2.29</b>
Bu199	Part of Penn Street Common	1.93
Bu200	The Pound	0.05
Bu201	Land at Potters Cross	0.15
Bu202	Land at Beacon Hill	0.02
Bu208	Land between Parrotts Lane and Sandpit Hill	0.06
Bu214	Southern Tip of Wheeler End Common	0.04
Bu216	Land by St John's Church	0.28
Bu217	Land at Little Frieth	0.04
Bu219	Land at Rockwell End	0.07
Bu220	Pond at Walter's Ash	0.03

Code	Common	Area (ha)
Bu223	Pond at Upper North Dean	0.01
Bu224	Ponds at Great Kingshill	0.02
Bu225	Pond by Cockpit hole	0.11
Bu230	Land to the north-east of Bray's wood	0.13
Bu231	Land to the east of the Red Lion Public House	0.01
Bu240	The Rag Pit	0.52
Bu249	Land in Keepers Lane	0.21
Bu258	Part of Turville Heath	0.01
Bu259	Part of Cadmore End Common	0.03
Bu261	Part of Little Common	0.14
Bu268	Land at Penn Street	0.39
Bu271	Land at Asheridge	0.37
Bu272	Chenies Village Green	0.26
Bu286	Land adjoining Church Lane	0.40
Bu288	Part of Southend Common	0.02
Bu294	Pond at Studley Green	0.06
Bu295	Pond at Beacons Bottom	0.04
Bu301	Chalkpit	0.19
Bu302	Pond adjoining western side of Studdridge Lane	0.03
Bu303	Pond near Widmer End Farm	0.01
Bu304	Land to the North of Cobblers Hill Farm	0.26
<b>He003</b>	<b>Hedges Wood Common</b>	<b>6.06</b>
He058	Rag Pit	0.30
<b>He198</b>	<b>Manorial waste</b>	<b>6.82</b>
He203	Track leading from Bradden Lane	0.57
He320	Ponds close to the road between Park Farm to the north and Clayhill to the South	0.18
Ox003	Tinepit Pond	0.14
Ox004	Quern's Pond	0.22
Ox005	Furzemoor Pond	0.14
Ox006	Hyde's Pond	0.22
<b>Ox009</b>	<b>Cookley Green</b>	<b>2.19</b>
Ox011	Seven Pitts Pond	0.21
Ox012	Shervilles Pond	0.03
Ox013	Grays Pond	0.23
Ox014	Cheesemore Pond	0.09
Ox015	The Ponds	0.61
Ox034	Land containing 3.715 acres or thereabouts in the parish of Crowmarsh	1.44
Ox060	The Pound	0.05
Ox070	Widmore Pond	0.25
<b>Ox076</b>	<b>Bottom Wood</b>	<b>2.99</b>
Ox081	Chalk Pits	0.43
Ox092	Kidmore End Pond and The Pond, Park Lane	0.10

## 5. Discussion

### 5.1 Protected sites

Comprehensive data for protected sites is available across the AONB area, and the data given above is an accurate representation of the current situation. The precise boundaries of both the protected sites and the Commons are subject to small errors in the digitising process, which may result in small proportions of some Commons erroneously appearing to have a protected site designation.

One anomaly in the data across the AONB region is that the "Biological Notification Site" category is used only in Buckinghamshire; most of these sites were identified in the 1980s, before the current system of Local Wildlife Site criteria was in place (see DEFRA 2006). These BNS sites are being re-surveyed as part of the Buckinghamshire and Milton Keynes Wildlife Sites project, and will be reviewed against current LWS criteria, but given the number of BNS's remaining it will be some years before this re-survey programme is completed.

In Bedfordshire, Hertfordshire and Buckinghamshire there are some areas of land that are designated as both LWS and SSSI; such duplicate designation is allowed under the DEFRA guidance (DEFRA 2006) but does add a slight complication to the compilation of accurate statistics on protected sites. (In Buckinghamshire the intention is to de-designate LWS where they overlap SSSI.)

A summary of the protected site status for each Chiltern Common is given in Appendix 1, and has been supplied to CCB in spreadsheet format.

## 5.2 Habitats

Most of the habitat analysis has been done on the national habitat inventory datasets provided by Natural England. These are known to contain errors, and having been compiled at national level will exclude smaller areas of habitat that are of local significance. Additional habitat data is available for some of the Commons, and could be further analysed if required for particular Commons. For those Commons that are also protected sites there will normally be a site citation, description or survey report available, and these can be supplied by the relevant Records Centre as required. In Oxfordshire, Bedfordshire and Hertfordshire some habitat data is available on GIS (see Table 3 below), although the habitat classifications used are different in each county. In Buckinghamshire digitised habitat data is not yet available, but a project to compile such data for the whole county (based on aerial photo interpretation) is in progress, using the Integrated Habitat System.

A summary of the UK BAP habitats and ancient woodland mapped for each Chiltern Common is given in Appendices 2 and 3, and has been supplied to CCB in spreadsheet format.

**Table 3. GIS habitat data availability**

Code	Common	Area (ha)	Habitat classification *	Held at
Be004	Whipsnade Heath	14.20	NVC/IHS	BRMC
Be013	Dunstable Downs	47.30	NVC/IHS	BRMC
Be018	Studham Common	26.55	NVC/IHS	BRMC
Be030	Warden and Galley Hills	47.59	NVC/IHS	BRMC
Be034	Public Chalk Quarry	0.81	NVC/IHS	BRMC
Be051	Whipsnade Heath	7.43	NVC/IHS	BRMC
He003	Hedges Wood Common	6.06	Phase 1	HBRC
He047	Northchurch and Berkhamsted Common	373.13	Phase 1	HBRC
He058	Rag Pit	0.30	Phase 1	HBRC
He069	Berkhamsted Common	0.51	Phase 1	HBRC
He072	Lilley Hoo	75.36	Phase 1	HBRC
He073	Aldbury Common	112.17	Phase 1	HBRC
He074	Berkhamsted Common (part)	64.86	Phase 1	HBRC
He080	Little Heath	3.92	Phase 1	HBRC
He081	Hudnall Common	47.52	Phase 1	HBRC
He118	Little Heath (part)	4.78	Phase 1	HBRC
He119	Land on the west of Berkhamsted Common	0.18	Phase 1	HBRC
He120	Land lying on the east side of Allotment Gardens and part of Aldbury Common	0.14	Phase 1	HBRC
He192	Manorial waste	2.54	Phase 1	HBRC
He193	Manorial waste	4.47	Phase 1	HBRC
He196	Part of Dean Lane	0.46	Phase 1	HBRC
He198	Manorial waste	6.82	Phase 1	HBRC
He200	Green Lane	2.53	Phase 1	HBRC
He203	Track leading from Braden Lane	0.57	Phase 1	HBRC
He265	Little Heath	1.13	Phase 1	HBRC
He281	Dawes Common	5.08	Phase 1	HBRC
He320	Ponds close to the road between Park Farm to the north and Clayhill to the South	0.18	Phase 1	HBRC
Ox038	Land in the parishes of Nettlebed, Highmoor and Rotherfield Peppard	236.95	BAP	TVERC
Ox041	Hempton Plain	26.87	BAP	TVERC
Ox050	Land in the parishes of Checkendon Common...Nuffield	116.09	BAP	TVERC
Ox069	Russells Water Common	108.82	BAP	TVERC
Ox096	Maidensgrove Scrubs	17.33	BAP	TVERC
Ox112	Crowell Common	13.52	BAP	TVERC

\* Habitat classifications used:

NVC/IHS – data provides NVC categories and a translation of these into IHS, digitised for the County Wildlife Sites in 2005 from previous survey data (mostly late 1990s)

Phase 1 – data sources unspecified

BAP – gives BAP Broad and Priority habitats, from aerial photo interpretation (2004-2006) and using previous surveys as additional sources of information

For details of these habitat classification systems see:

<http://www.nbn.org.uk/habitats/>

### 5.3 Habitat condition

The condition of the SSSI land in England is assessed by Natural England, using categories agreed across England, Scotland, Wales, and Northern Ireland through the Joint Nature Conservation Committee. There are six reportable condition categories: favourable; unfavourable recovering; unfavourable no change; unfavourable declining; part destroyed and destroyed.

Table 4 below shows the condition assessments for those Commons that substantially overlap the SSSI units. The overlaps between Common boundaries and SSSI units are not always clearcut, so this data must be treated with caution, but the picture that emerges from the SSSI monitoring is positive, with only two Commons that are not either Favourable or Recovering, and none Declining.

**Table 4. Condition Assessment for those SSSI units that substantially coincide with Commons**

SSSI	Habitat feature	% Favourable	% Unfavourable Recovering	% Unfavourable No Change	Common Code	Common
Ashridge Commons And Woods	Broadleaved, mixed and yew woodland - lowland	15	85		Bu067	Pitstone Common
					Bu099	Ivinghoe Common
					Bu114	Part of Pitstone Common
					He073	Aldbury Common
Aston Rowant Woods	Broadleaved, mixed and yew woodland - lowland	100			Ox112	Crowell Common
Bix Bottom	Broadleaved, mixed and yew woodland - lowland	100			Ox096	Maidensgrove Scrubs
Chinnor Hill	Calcareous grassland - lowland		100		Ox041	Hempton Plain
Dunstable And Whipsnade Downs	Calcareous grassland - lowland		100		Be013	Dunstable Downs
				100	Be034	Public Chalk Quarry
Galley And Warden Hills	Calcareous grassland - lowland	26	42	31	Be030	Warden and Galley Hills
Moorend Common	Acid grassland - lowland	100			Bu082	Moor End Common
	Broadleaved, mixed and yew woodland - lowland	100				
Naphill Common	Broadleaved, mixed and yew woodland - lowland	100			Bu063	Naphill Common

### 5.4 Species

One prominent example of a rare species that is especially associated with Commons is the Star-fruit, a Biodiversity Action Plan Priority species with very few native UK sites, nearly all of which are on the south Buckinghamshire Commons. The plant is associated with the edges of ponds and would have benefited from the grazing of Commons in past years.

However, although specific examples such as the above can be found, it is difficult to compare and analyse species data across the Commons due to the inherent variability within the data. This is the result of a number of factors, including: variation in recording effort (e.g. due to volunteer availability and interest); variation in accessibility of the various Commons; and variation in policy/capacity of the four records centres for dealing with species data. Where data does exist, it is difficult to be certain how it relates to the Commons, especially the smaller ones – records may have been assigned to a grid reference that falls within the Common but not actually refer to the Common in the site name, or vice-versa records which refer to Commons in the site name may have been allocated to grid references that fall outside the Common boundary. And even where records do appear to be linked to Commons through their grid references and site names, it is not always obvious whether the records imply breeding populations or sightings of vagrant species.

Nonetheless, from the data that is available it is clear that many of the Commons do support declining, rare and protected species (and of course this is part of the reason for a high proportion of the larger Commons having some form of protected site designation).

In an attempt to get round the problems of associating species records to particular sites, we experimented with analysing the records for all the 1-kilometre squares that overlap the Commons. There are 261 such 1-km squares. We assigned all available species records to the relevant square, and calculated how many different species were recorded from each square within various categories, e.g. number of protected species recorded per 1-km square, number of BAP species per square etc. This allowed us to see which 1km squares seemed to be 'hotspots' for the various categories. However, the results still seemed to be overwhelmingly a reflection of recording effort rather than any genuine ecological variation. Squares with high numbers of rare/protected species tend to be those with SSSIs or Local Wildlife Sites that have been subject to much recording work over the years. An example of these 1-km square hotspot maps is shown in Map 2, at the end of this document.

Table 1 (above) lists those Commons that have notable species records mapped within their boundaries (see column headed "Documented species interest?"), and in sections 5.3.1 and 5.3.2 below species data for two individual Commons is discussed further.

#### 5.4.1 Moor End Common, Buckinghamshire

This Common is in large part a SSSI, and has been well surveyed by local recorders and recording groups. It sits in a 1km square that scores highly for BAP and Protected species, as well as for birds of conservation concern and rare plants. Most of the species recorded in this 1km square are associated with the Common itself, which is clearly of great importance in supporting a wide range of wildlife species (Table 5).

**Table 5. Notable species recorded from Moor End Common (based on data held at BMERC)**

Group	English name	Protected	UK BAP	National Status	RSPB Conservation Concern
birds	Northern Goshawk	Sch 1 Pt 1			
birds	Sky Lark		BAP + Principal Importance		Red List
birds	Tree Pipit				Amber List
birds	Common Linnet		BAP + Principal Importance		Red List
birds	Hawfinch				Amber List
birds	Stock Pigeon				Amber List
birds	Common Cuckoo				Amber List
birds	House Martin				Amber List
birds	Lesser Spotted Woodpecker				Red List
birds	Yellowhammer				Red List
birds	Reed Bunting		BAP + Principal Importance		Red List
birds	Common Kestrel				Amber List
birds	Brambling	Sch 1 Pt 1			
birds	Barn Swallow				Amber List
birds	Black-headed Gull				Amber List
birds	Common Grasshopper Warbler				Red List
birds	Common Nightingale				Amber List
birds	Red Kite	Sch 1 Pt 1			Amber List
birds	Spotted Flycatcher		BAP + Principal Importance		Red List
birds	Willow Tit				Red List
birds	Marsh Tit				Red List
birds	House Sparrow				Red List
birds	Eurasian Tree Sparrow		BAP + Principal Importance		Red List
birds	Willow Warbler				Amber List
birds	Green Woodpecker				Amber List
birds	Hedge Accentor				Amber List
birds	Common Bullfinch		BAP + Principal Importance		Red List
birds	Firecrest	Sch 1 Pt 1			Amber List
birds	Goldcrest				Amber List
birds	Eurasian Woodcock				Amber List
birds	European Turtle Dove		BAP + Principal Importance		Red List
birds	Common Starling				Red List
birds	Redwing	Sch 1 Pt 1			

Group	English name	Protected	UK BAP	National Status	RSPB Conservation Concern
birds	Song Thrush		BAP + Principal Importance		Red List
birds	Fieldfare	Sch 1 Pt 1			Amber List
birds	Mistle Thrush				Amber List
birds	Barn Owl	Sch 1 Pt 1			Amber List
insects: butterflies	Purple Emperor			Nationally Scarce/Nb	
mammals	Hazel Dormouse	European protected; Sch 5 (full)	BAP + Principal Importance		
mosses	Sand Feather-moss			Nationally Scarce	
vascular plants	Stinking Chamomile			Vulnerable	
vascular plants	Narrow-lipped Helleborine			Data Deficient; Scarce	
vascular plants	Common Cudweed			Near Threatened	
vascular plants	Petty whin			Near Threatened	
vascular plants	Wood Barley			Scarce	
vascular plants	Weasel's-snout / Lesser Snapdragon			Vulnerable	
vascular plants	Fringed Water-lily			Scarce	
vascular plants	Green-winged Orchid			Near Threatened	
vascular plants	Water-soldier			Near Threatened; Rare	
vascular plants	Heath Dog-violet			Near Threatened	

#### 5.4.2 Dunstable Downs Common, Bedfordshire

This Common crosses three 1km squares, one of which (TL0019) has records for approx. 60 notable species, including ten bird species listed as Biodiversity Action Plan Priority species. The other two 1km squares have no rare species listed. Most of the area of Common land within square TL0019 is also a SSSI, and is likely to be supporting many of the notable species. However, the Common forms only about 25% of the square TL0019, and the area marked on the Ordnance Survey map as "Dunstable Downs" extends over a wider area than the Common, so from the records alone it is difficult to give a good estimate of how many of these species would be breeding on the Common land itself. However, it is clear that this Common provides significant resources for the range of notable species found in the area.

## 6. Recommendations and future developments

### 6.1 Protected sites

- One Common, Great Hampden Common, is mapped as including a UK BAP Priority habitat but is not currently protected (see section 4.3 above), this Common should be considered for survey under the LWS process.
- CCB and the four LERCs should liaise to ensure that information on the protected status of Commons is made available to all involved with the planning process, both strategically and in development control.
- All relevant organisations should liaise to maximise opportunities for maintaining and enhancing the biodiversity interest of protected Commons, e.g. by targeting agri-environment scheme funding towards sustainable management for the Commons.

### 6.2 Priority habitats

Habitat information on the Commons, as for the Chilterns as a whole, remains patchy in coverage and somewhat variable in approach. Comprehensive habitat mapping across the region may be achievable through aerial photo interpretation, where resources for this are available. Local habitat surveys of particular sites (e.g. LWS) can be a valuable part of this process, but these will be most useful if the data collected is in a consistent format and able to be incorporated into wider habitat mapping systems. Natural England are currently promoting the Integrated Habitat System as a way of combining and interpreting local habitat datasets at regional or national level; projects aimed at translating existing data into IHS format are currently underway in Oxfordshire (through a South-east England regional project), and some habitat data for



Bedfordshire has been translated into IHS format. In Bucks a new habitat mapping project is being carried out by the County Council Countryside team and BMERC, using IHS as its principal habitat classification. So both coverage and consistency should improve over time, as resources allow.

- Any habitat surveys proposed for the Commons should be undertaken using methodologies that can be linked to the existing and developing county and regional projects.
- County and regional projects to improve habitat data coverage and consistency should be supported wherever possible.

### **6.3 Notable species**

The collation of species records from a variety of sources, including volunteers and voluntary recording groups, remains part of the core work of the records centres, and data will continue to accumulate in this way.

- More targeted recording could be developed jointly between CCB, the records centres, and any relevant recording groups (both those aimed at species groups and those aimed at local sites/areas). Such recording would be of particular interest on Commons that are currently now well studied, and especially in advance of drawing up management plans for any of the Commons.
- Liaison should be maintained with other national and local recording schemes and projects, ensuring that opportunities for the Commons to be included in these are not missed.
- One relatively large Common currently has no records of notable species (nor Priority habitats), further recording at this site would be valuable: Bu101 - Little Hampden Common (17.9 ha).

### **6.4 Monitoring habitats and species**

Availability of monitoring data is clearly desirable for a variety of reasons, e.g. to monitor BAP targets, to assess the effectiveness of site management, and to look at the impacts on the Commons of wider policy matters. Meaningful monitoring data can be a powerful tool for influencing policy and inspiring change. However, collecting data suitable for monitoring is fraught with difficulties. It can be difficult to define what should be monitored, and how, in order to provide valid information; collecting the data can be resource-intensive (and sometimes rather monotonous!); and it can be difficult to maintain consistent data collection over long enough periods of time.

Despite these difficulties, there are examples of successful projects, e.g. (for species) the bird monitoring schemes run by the British Trust for Ornithology, the transect programme organised by Butterfly Conservation, and the Local Change project organised by the Botanical Society of the British Isles. County Wildlife Sites are being monitored in Bedfordshire and Oxfordshire as resources allow. For site-based and habitat monitoring, the condition assessment approach developed by Natural England, the Countryside Council for Wales and the Joint Nature Conservation Committee provides a useful model (e.g. JNCC 2004a,b; Robertson and Jefferson 2000), and one that has been adapted for local use by BBOWT and others.

Full monitoring of all Commons would require an enormous input of resources, and is not realistic. Monitoring should be carefully targeted, and kept as simple as possible in order to maximise the chances of sustaining it over a reasonable time period. Options for prioritising monitoring work include: targeting those Commons that are undergoing change, and/or those that are being actively managed; targeting those Commons that are particularly vulnerable to change; selecting a sample of Commons that are 'representative' in some way; selecting a set of 'indicator' species; resisting the temptation to monitor everything every year!

- The first job is to decide what needs monitoring and why.
- Any proposed monitoring project needs careful preparation to ensure that it is addressing relevant priorities; will provide reliable information; will have sufficient resources for fieldwork, data management and interpretation; and is cost-effective.
- There are opportunities to work with local volunteers to set up site-specific monitoring programmes.
- For wider monitoring across the region the best approach may be to link with existing projects, encouraging local volunteers to participate in these wider projects.
- It would be useful to organise a workshop or conference to discuss monitoring and share experience.

## 6.5 Other data

Although computerised data on GIS and databases has many uses, it is not the only type of information available! Much information on the biodiversity of Commons is out there in people's diaries, photographs and brains, and may never reach any of the formal recording schemes. Projects aimed at capturing some of this information can be valuable, as shown in local examples such as the current Special Trees of the Chilterns project, and a BBOWT project from the 1990s that involved face-to-face interviews with reserve wardens and other volunteers in order to capture both species records and accounts of the site's history.

Photographic records can provide excellent information on habitats and change. Potential projects include: tracking down historical photos and then trying to re-find and re-photograph the same views; setting up new photomonitoring projects (i.e. 'fixed-point photos'); using digital photography and websites to capture images from a wide public (see for example <http://www.geograph.org.uk>).

Such data can be difficult to categorise and analyse, and also runs the risk of accumulating for its own sake, rather than being used to any useful purpose, but projects that are well planned and clearly defined can produce very good results.

## 7. References

- DEFRA. 2006. *Local Sites - guidance on their identification, selection and management*. DEFRA, London.
- JNCC. 2004a. Common Standards Monitoring guidance for lowland grassland habitats. See: <http://www.jncc.gov.uk/page-2199>
- JNCC. 2004b. Common Standards Monitoring guidance for woodland habitats. See: <http://www.jncc.gov.uk/page-2199>
- Robertson, H.J. & Jefferson, R.J. 2000. *Monitoring the condition of lowland grassland SSSIs. I. English Natures rapid assessment method*. English Nature Research Report 315, Peterborough.

## Appendix 1: Commons and protected sites

Code	Common	Total area (ha)	SAC area (ha)	SSSI area (ha)	CWS area (ha)	BNS Area (ha)
Be004	Whipsnade Heath	14.202			12.858	
Be013	Dunstable Downs	47.297		37.092	37.122	
Be018	Studham Common	26.546			26.123	
Be030	Warden and Galley Hills	47.595		41.150	45.172	
Be031	Totternhoe Regulated Pastures on the North West side of Icknield Way (part)	1.684				
Be032	Totternhoe Regulated Pastures on the South East side of Icknield Way (part)	0.500				
Be034	Public Chalk Quarry	0.807		0.807	0.752	
Be051	Whipsnade Heath	7.429			6.552	
Be059	Land near Tring Road	0.420				
Bu001	Booker Common	36.445			19.969	11.081
Bu002	Newmer Common	4.064				3.449
Bu005	Northend Common	13.156				2.013
Bu006	Turville Heath	20.912				17.455
Bu009	Summer Heath	8.235				7.633
Bu010	Gravesend	0.009			0.002	
Bu013	Bolters End Common	9.463			1.580	
Bu014	Cadmore End Common	19.094				17.299
Bu015	Little Common	2.380				
Bu016	Northern Corner of Moorend Common	0.058		0.001		
Bu017	The Pound in Fingest Manor	0.004				
Bu018	Land on either side of the road from Fingest to Stokenchurch	0.064				
Bu019	Land to the south-west of St. Bartholomew's Church	0.039				
Bu020	Land at the junction of Moor End Road with Fingest-Bolter End Road	0.017				
Bu021	Hawridge and Cholesbury Commons	42.623			29.726	
Bu024	The Green	0.054				
Bu025	Land extending Southwards from Cholesbury Common	1.339				
Bu026	Land including Bank Green and Peppett Green	7.701			0.293	0.865
Bu027	Manorial Waste at Asheridge	0.696				
Bu028	Manorial Waste at Chartridge	3.619				0.388
Bu032	Manorial Waste in Little Hundridge Lane	0.728				0.197
Bu033	Land at Hyde Heath	0.094				
Bu034	Land at Hyde Heath	0.692				
Bu035	Weedonhill Green	2.990				
Bu048	Ditchfield Common	4.628				0.090
Bu049	Moor Common	5.167				3.919
Bu050	Marlow Common	23.283				12.891
Bu052	Forty Green	1.010				
Bu055	Hundridge Wood	6.389				6.367
Bu063	Naphill Common	61.087	60.898	60.896		
Bu067	Pitstone Common	23.840	23.840	23.840	23.831	
Bu070	Toweridge Common	1.711				
Bu072	The Common Moor	0.688				
Bu073	Downley Common	22.255				20.764
Bu074	Wheeler End Common	14.263				9.522
Bu077	Part of Wheeler End Common	5.232				2.778
Bu078	Land off Bolter End Lane	0.005				
Bu079	Handleton Common	4.081				2.393
Bu081	Land at Lane End	0.118				
Bu082	Moor End Common	23.240		21.361		
Bu085	Big Round Green	0.614			0.142	
Bu087	Ibstone Common	16.607				3.033
Bu091	Bradenham Hill	4.867	0.441	0.441		1.654
Bu098	Coleshill Pond	0.198				
Bu099	Ivinghoe Common	70.706	70.105	70.109	70.533	
Bu101	Little Hampden Common	17.902				
Bu105	Copy Green	0.621				
Bu106	Land on either side of Dobbins Lane, High Street and Pound Street	0.035				
Bu110	Chawley Green Farm	0.332				
Bu114	Part of Pitstone Common	0.156	0.156	0.156	0.150	
Bu115	Part of Naphill Common	0.028				
Bu116	Part of Downley Common	0.047				0.046

Code	Common	Total area (ha)	SAC area (ha)	SSSI area (ha)	CWS area (ha)	BNS Area (ha)
Bu117	Part of Booker Common	1.013			0.039	0.015
Bu118	Part of Newmer Common	0.072				0.072
Bu121	Beechgrove Pond	0.022				
Bu122	Studmere Pond	0.108				
Bu123	City Pond	0.019				
Bu124	Horse Pond	0.060				
Bu125	Cadmore Pond	0.059				
Bu126	Wigmore Pond	0.030				
Bu127	Timor Pond	0.009				
Bu128	Whitewashing Pond	0.048				
Bu129	Deep Pit Pond	0.018				
Bu130	Public Pond at Turnip End	0.010				
Bu131	The Parish Well at Loosley Row	0.001				
Bu132	Land south of Leyland's Farm	0.030				
Bu133	Land near Kiln Cottage	0.029				
Bu134	Land at the Entrance to St Lawrence's Church	0.033				
Bu135	The Pound at Askeatt	0.001				
Bu137	Allotment Gardens at Dagnall	1.766				
Bu142	Southend Common	1.968				1.248
Bu148	Great Hampden Common	23.666				
Bu157	West Wycombe Hill	21.219			17.236	
Bu166	Allotments at Water End	0.410				
Bu167	Allotments at Stokenchurch	2.888				
Bu168	Swilly Pond	0.102				
Bu181	The Pound at Stokenchurch	0.002				
Bu184	The Green	0.036				
Bu185	Allotment Gardens at Bennett End	0.409				
Bu186	Allotment Gardens at Spriggs Alley	0.476				
Bu187	Allotment Gardens at the Chapel	1.174				
Bu188	Allotment Gardens at the City	1.234				
Bu189	Well at Town End	0.009				
Bu190	Well Adjoining Radnage Common	0.004				
Bu191	Pond in Sprigg's Alley	0.005				
Bu192	Pond at the City	0.016				
Bu193	Pond in Green End Road	0.072				
Bu194	Pond in Radnage Common Road	0.009				
Bu195	Pond adjoining the Chapel	0.040				
Bu196	The Knowl	0.874				
Bu197	Land at Fagnall Lane	0.074				
Bu198	Winchmore Hill Common	2.290				
Bu199	Part of Penn Street Common	1.930				
Bu200	The Pound	0.050				
Bu201	Land at Potters Cross	0.146				
Bu202	Land at Beacon Hill	0.022				
Bu207	Turville Heath (Southern Part)	5.735				5.198
Bu208	Land between Parrotts Lane and Sandpit Hill	0.062				
Bu213	Part of Marlow Common	0.424	0.339	0.339		
Bu214	Southern Tip of Wheeler End Common	0.042				
Bu215	Pheasants Hill	15.517			0.848	13.566
Bu216	Land by St John's Church	0.279				
Bu217	Land at Little Frieth	0.039				
Bu219	Land at Rockwell End	0.074				
Bu220	Pond at Walter's Ash	0.029				
Bu223	Pond at Upper North Dean	0.011				
Bu224	Ponds at Great Kingshill	0.017				
Bu225	Pond by Cockpit hole	0.111				
Bu230	Land to the north-east of Bray's wood	0.126				
Bu231	Land to the east of the Red Lion Public House	0.012				
Bu240	The Rag Pit	0.520				
Bu241	The Rag Pit	0.753				0.528
Bu249	Land in Keepers Lane	0.207				
Bu257	Part of Turville Heath	0.025				0.021
Bu258	Part of Turville Heath	0.007				
Bu259	Part of Cadmore End Common	0.032				
Bu260	Part of Cadmore End Common	0.005				0.002
Bu261	Part of Little Common	0.142				
Bu268	Land at Penn Street	0.391				
Bu271	Land at Asheridge	0.372				
Bu272	Chenies Village Green	0.263				

Code	Common	Total area (ha)	SAC area (ha)	SSSI area (ha)	CWS area (ha)	BNS Area (ha)
Bu286	Land adjoining Church Lane	0.396				
Bu288	Part of Southend Common	0.020				
Bu289	Part of Southend Common	0.259				0.218
Bu294	Pond at Studley Green	0.057				
Bu295	Pond at Beacons Bottom	0.039				
Bu299	Loxborough Hill	1.438				0.980
Bu301	Chalkpit	0.190				
Bu302	Pond adjoining western side of Studdridge Lane	0.028				
Bu303	Pond near Widmer End Farm	0.007				
Bu304	Land to the North of Cobblers Hill Farm	0.258				
He003	Hedges Wood Common	6.064				
He047	Northchurch and Berkhamsted Common	373.134	165.979	165.974	370.622	
He058	Rag Pit	0.304				
He069	Berkhamsted Common	0.506			0.318	
He072	Lilley Hoo	75.365			6.119	
He073	Aldbury Common	112.169	109.159	109.155	110.762	
He074	Berkhamsted Common (part)	64.859			61.486	
He080	Little Heath	3.921		1.198	3.544	
He081	Hudnall Common	47.517			47.326	
He118	Little Heath (part)	4.777			4.726	
He119	Land on the west of Berkhamsted Common	0.179			0.009	
He120	Land lying on the east side of Allotment Gardens and part of Aldbury Common	0.139			0.048	
He192	Manorial waste	2.539			0.500	
He193	Manorial waste	4.466			2.977	
He196	Part of Dean Lane	0.459			0.013	
He198	Manorial waste	6.817				
He200	Green Lane	2.531			2.419	
He203	Track leading from Bradden Lane	0.569				
He265	Little Heath	1.129			1.115	
He281	Dawes Common	5.081			4.603	
He320	Ponds close to the road between Park Farm to the north and Clayhill to the South	0.183				
Ox001	Ewelme Cow Common	22.338				
Ox003	Tinepit Pond	0.138				
Ox004	Quern's Pond	0.222				
Ox005	Furzemoor Pond	0.136				
Ox006	Hyde's Pond	0.219				
Ox009	Cookley Green	2.186				
Ox011	Seven Pitts Pond	0.207				
Ox012	Shervilles Pond	0.027				
Ox013	Grays Pond	0.233				
Ox014	Cheesemore Pond	0.085				
Ox015	The Ponds	0.612				
Ox018	Crockerend Green	5.078			1.489	
Ox019	Greys Green and Shephards Green	11.595				
Ox032	Chalk Pits	1.171		0.666		
Ox034	Land containing 3.715 acres or thereabouts in the parish of Crowmarsh	1.442				
Ox038	Land in the parishes of Nettlebed, Highmoor and Rotherfield Peppard	236.953			114.492	
Ox041	Hempton Plain	26.865		25.323		
Ox050	Land in the parishes of Checkendon Common...Nuffield	116.090			46.047	
Ox060	The Pound	0.047				
Ox069	Russells Water Common	108.824		28.307		
Ox070	Widmore Pond	0.247				
Ox076	Bottom Wood	2.994				
Ox081	Chalk Pits	0.431				
Ox092	Kidmore End Pond and The Pond, Park Lane	0.103				
Ox096	Maidensgrove Scrubs	17.333		16.835		
Ox112	Crowell Common	13.517	13.503	13.503		

## Appendix 2: Commons and UK BAP habitat inventories

Code	Common	Total area (ha)	Mixed Deciduous Woodland (ha)	Lowland Beech (ha)	Wet Woodland (ha)	Lowland Heath (ha)	Calcareous Grassland (ha)	Undetermined BAP Grassland (ha)
Be004	Whipsnade Heath	14.202						
Be013	Dunstable Downs	47.297					36.402	
Be018	Studham Common	26.546						
Be030	Warden and Galley Hills	47.595					41.999	
Be031	Totternhoe Regulated Pastures on the North West side of Icknield Way (part)	1.684						
Be032	Totternhoe Regulated Pastures on the South East side of Icknield Way (part)	0.500						
Be034	Public Chalk Quarry	0.807					0.778	
Be051	Whipsnade Heath	7.429						
Be059	Land near Tring Road	0.420						
Bu001	Booker Common	36.445	31.956					
Bu002	Newmer Common	4.064						
Bu005	Northend Common	13.156						
Bu006	Turville Heath	20.912						
Bu009	Summer Heath	8.235						
Bu010	Gravesend	0.009	0.009					
Bu013	Bolters End Common	9.463			3.099			
Bu014	Cadmores End Common	19.094						
Bu015	Little Common	2.380						
Bu016	Northern Corner of Moorend Common	0.058				0.001		
Bu017	The Pound in Fingest Manor	0.004						
Bu018	Land on either side of the road from Fingest to Stokenchurch	0.064						
Bu019	Land to the south-west of St. Bartholomew's Church	0.039						
Bu020	Land at the junction of Moor End Road with Fingest-Bolter End Road	0.017						
Bu021	Hawridge and Cholesbury Commons	42.623				8.872		
Bu024	The Green	0.054						
Bu025	Land extending Southwards from Cholesbury Common	1.339						
Bu026	Land including Bank Green and Peppett Green	7.701						
Bu027	Manorial Waste at Asheridge	0.696						
Bu028	Manorial Waste at Chartridge	3.619						
Bu032	Manorial Waste in Little Hundridge Lane	0.728						
Bu033	Land at Hyde Heath	0.094						
Bu034	Land at Hyde Heath	0.692						
Bu035	Weedonhill Green	2.990						
Bu048	Ditchfield Common	4.628						
Bu049	Moor Common	5.167						
Bu050	Marlow Common	23.283	0.433					
Bu052	Forty Green	1.010						
Bu055	Hundridge Wood	6.389	6.296					
Bu063	Naphill Common	61.087						
Bu067	Pitstone Common	23.840						23.826

Code	Common	Total area (ha)	Mixed Deciduous Woodland (ha)	Lowland Beech (ha)	Wet Woodland (ha)	Lowland Heath (ha)	Calcareous Grassland (ha)	Undetermined BAP Grassland (ha)
Bu070	Toweridge Common	1.711						
Bu072	The Common Moor	0.688						
Bu073	Downley Common	22.255						
Bu074	Wheeler End Common	14.263						
Bu077	Part of Wheeler End Common	5.232						
Bu078	Land off Bolter End Lane	0.005						
Bu079	Handleton Common	4.081						
Bu081	Land at Lane End	0.118						
Bu082	Moor End Common	23.240				20.896		1.317
Bu085	Big Round Green	0.614						
Bu087	Ibstone Common	16.607						
Bu091	Bradenham Hill	4.867		0.208				
Bu098	Coleshill Pond	0.198						
Bu099	Ivinghoe Common	70.706				69.660		69.520
Bu101	Little Hampden Common	17.902						
Bu105	Copy Green	0.621						
Bu106	Land on either side of Dobbins Lane, High Street and Pound Street	0.035						
Bu110	Chawley Green Farm	0.332						
Bu114	Part of Pitstone Common	0.156	0.152			0.133		0.102
Bu115	Part of Naphill Common	0.028						
Bu116	Part of Downley Common	0.047						
Bu117	Part of Booker Common	1.013	0.101					
Bu118	Part of Newmer Common	0.072						
Bu121	Beechgrove Pond	0.022						
Bu122	Studmere Pond	0.108						
Bu123	City Pond	0.019						
Bu124	Horse Pond	0.060						
Bu125	Cadmore Pond	0.059						
Bu126	Wigmore Pond	0.030						
Bu127	Timor Pond	0.009						
Bu128	Whitewashing Pond	0.048						
Bu129	Deep Pit Pond	0.018						
Bu130	Public Pond at Turnip End	0.010						
Bu131	The Parish Well at Loosley Row	0.001						
Bu132	Land south of Leyland's Farm	0.030						
Bu133	Land near Kiln Cottage	0.029						
Bu134	Land at the Entrance to St Lawrence's Church	0.033						
Bu135	The Pound at Askett	0.001						
Bu137	Allotment Gardens at Dagnall	1.766						
Bu142	Southend Common	1.968						
Bu148	Great Hampden Common	23.666	3.496					
Bu157	West Wycombe Hill	21.219						
Bu166	Allotments at Water End	0.410						
Bu167	Allotments at Stokenchurch	2.888						
Bu168	Swilly Pond	0.102						

Code	Common	Total area (ha)	Mixed Deciduous Woodland (ha)	Lowland Beech (ha)	Wet Woodland (ha)	Lowland Heath (ha)	Calcareous Grassland (ha)	Undetermined BAP Grassland (ha)
Bu181	The Pound at Stokenchurch	0.002						
Bu184	The Green	0.036						
Bu185	Allotment Gardens at Bennett End	0.409						
Bu186	Allotment Gardens at Spriggs Alley	0.476						
Bu187	Allotment Gardens at the Chapel	1.174						
Bu188	Allotment Gardens at the City	1.234						
Bu189	Well at Town End	0.009						
Bu190	Well Adjoining Radnage Common	0.004						
Bu191	Pond in Sprigg's Alley	0.005						
Bu192	Pond at the City	0.016						
Bu193	Pond in Green End Road	0.072						
Bu194	Pond in Radnage Common Road	0.009						
Bu195	Pond adjoining the Chapel	0.040						
Bu196	The Knowl	0.874						
Bu197	Land at Fagnall Lane	0.074						
Bu198	Winchmore Hill Common	2.290						
Bu199	Part of Penn Street Common	1.930						
Bu200	The Pound	0.050						
Bu201	Land at Potters Cross	0.146						
Bu202	Land at Beacon Hill	0.022						
Bu207	Turville Heath (Southern Part)	5.735						
Bu208	Land between Parrots Lane and Sandpit Hill	0.062						
Bu213	Part of Marlow Common	0.424		0.068				
Bu214	Southern Tip of Wheeler End Common	0.042						
Bu215	Pheasants Hill	15.517						
Bu216	Land by St John's Church	0.279						
Bu217	Land at Little Frieth	0.039						
Bu219	Land at Rockwell End	0.074						
Bu220	Pond at Walter's Ash	0.029						
Bu223	Pond at Upper North Dean	0.011						
Bu224	Ponds at Great Kingshill	0.017						
Bu225	Pond by Cockpit hole	0.111						
Bu230	Land to the north-east of Bray's wood	0.126						
Bu231	Land to the east of the Red Lion Public House	0.012						
Bu240	The Rag Pit	0.520						
Bu241	The Rag Pit	0.753						
Bu249	Land in Keepers Lane	0.207						
Bu257	Part of Turville Heath	0.025						
Bu258	Part of Turville Heath	0.007						
Bu259	Part of Cadmore End Common	0.032						
Bu260	Part of Cadmore End Common	0.005						
Bu261	Part of Little Common	0.142						
Bu268	Land at Penn Street	0.391						



Code	Common	Total area (ha)	Mixed Deciduous Woodland (ha)	Lowland Beech (ha)	Wet Woodland (ha)	Lowland Heath (ha)	Calcareous Grassland (ha)	Undetermined BAP Grassland (ha)
Bu271	Land at Asheridge	0.372						
Bu272	Chenies Village Green	0.263						
Bu286	Land adjoining Church Lane	0.396						
Bu288	Part of Southend Common	0.020						
Bu289	Part of Southend Common	0.259						
Bu294	Pond at Studley Green	0.057						
Bu295	Pond at Beacons Bottom	0.039						
Bu299	Loxborough Hill	1.438						
Bu301	Chalkpit	0.190						
Bu302	Pond adjoining western side of Studdridge Lane	0.028						
Bu303	Pond near Widmer End Farm	0.007						
Bu304	Land to the North of Cobblers Hill Farm	0.258						
He003	Hedges Wood Common	6.064						
He047	Northchurch and Berkhamsted Common	373.134				195.995		162.456
He058	Rag Pit	0.304						
He069	Berkhamsted Common	0.506						
He072	Lilley Hoo	75.365						4.696
He073	Aldbury Common	112.169	9.412			35.312		107.655
He074	Berkhamsted Common (part)	64.859				7.672		
He080	Little Heath	3.921						
He081	Hudnall Common	47.517						
He118	Little Heath (part)	4.777						
He119	Land on the west of Berkhamsted Common	0.179						
He120	Land lying on the east side of Allotment Gardens and part of Aldbury Common	0.139						
He192	Manorial waste	2.539	0.071					
He193	Manorial waste	4.466						
He196	Part of Dean Lane	0.459	0.018					
He198	Manorial waste	6.817						
He200	Green Lane	2.531						
He203	Track leading from Bradden Lane	0.569						
He265	Little Heath	1.129						
He281	Dawes Common	5.081						
He320	Ponds close to the road between Park Farm to the north and Clayhill to the South	0.183						
Ox001	Ewelme Cow Common	22.338						
Ox003	Tinepit Pond	0.138						
Ox004	Quern's Pond	0.222						
Ox005	Furzemoor Pond	0.136						
Ox006	Hyde's Pond	0.219						
Ox009	Cookley Green	2.186						
Ox011	Seven Pitts Pond	0.207						
Ox012	Shervilles Pond	0.027						
Ox013	Grays Pond	0.233						
Ox014	Cheesemore Pond	0.085						

Code	Common	Total area (ha)	Mixed Deciduous Woodland (ha)	Lowland Beech (ha)	Wet Woodland (ha)	Lowland Heath (ha)	Calcareous Grassland (ha)	Undetermined BAP Grassland (ha)
Ox015	The Ponds	0.612						
Ox018	Crockerend Green	5.078						
Ox019	Greys Green and Shephards Green	11.595						
Ox032	Chalk Pits	1.171				0.780		0.577
Ox034	Land containing 3.715 acres or thereabouts in the parish of Crowmarsh	1.442						
Ox038	Land in the parishes of Nettlebed, Highmoor and Rotherfield Peppard	236.953	47.342			12.810		
Ox041	Hempton Plain	26.865					26.160	
Ox050	Land in the parishes of Checkendon Common...Nuffield	116.090	4.502			11.856		
Ox060	The Pound	0.047						
Ox069	Russells Water Common	108.824	28.300					
Ox070	Widmore Pond	0.247						
Ox076	Bottom Wood	2.994						
Ox081	Chalk Pits	0.431						
Ox092	Kidmore End Pond and The Pond, Park Lane	0.103						
Ox096	Maidensgrove Scrubs	17.333	15.981					
Ox112	Crowell Common	13.517	11.610	1.890				

### Appendix 3: Commons and the national ancient woodland inventory

Code	Common	Total area (ha)	Ancient Woodland (ha)	Ancient Replanted Woodland (ha)	Ancient Semi-natural Woodland (ha)
Be004	Whipsnade Heath	14.202			
Be013	Dunstable Downs	47.297			
Be018	Studham Common	26.546			
Be030	Warden and Galley Hills	47.595			
Be031	Totternhoe Regulated Pastures on the North West side of Icknield Way (part)	1.684			
Be032	Totternhoe Regulated Pastures on the South East side of Icknield Way (part)	0.500			
Be034	Public Chalk Quarry	0.807			
Be051	Whipsnade Heath	7.429			
Be059	Land near Tring Road	0.420			
Bu001	Booker Common	36.445	31.957		31.957
Bu002	Newmer Common	4.064			
Bu005	Northend Common	13.156			
Bu006	Turville Heath	20.912			
Bu009	Summer Heath	8.235			
Bu010	Gravesend	0.009	0.009	0.009	
Bu013	Bolters End Common	9.463	3.099		3.099
Bu014	Cadmore End Common	19.094			
Bu015	Little Common	2.380			
Bu016	Northern Corner of Moorend Common	0.058			
Bu017	The Pound in Fingest Manor	0.004			
Bu018	Land on either side of the road from Fingest to Stokenchurch	0.064			
Bu019	Land to the south-west of St. Bartholomew's Church	0.039			
Bu020	Land at the junction of Moor End Road with Fingest-Bolter End Road	0.017			
Bu021	Hawridge and Cholesbury Commons	42.623			
Bu024	The Green	0.054			
Bu025	Land extending Southwards from Cholesbury Common	1.339			
Bu026	Land including Bank Green and Peppett Green	7.701			
Bu027	Manorial Waste at Asheridge	0.696			
Bu028	Manorial Waste at Chartridge	3.619			
Bu032	Manorial Waste in Little Hundridge Lane	0.728			
Bu033	Land at Hyde Heath	0.094			
Bu034	Land at Hyde Heath	0.692			
Bu035	Weedonhill Green	2.990			
Bu048	Ditchfield Common	4.628			
Bu049	Moor Common	5.167			
Bu050	Marlow Common	23.283	0.464		0.464
Bu052	Forty Green	1.010			
Bu055	Hundridge Wood	6.389	6.297		6.297
Bu063	Naphill Common	61.087			
Bu067	Pitstone Common	23.840			
Bu070	Toweridge Common	1.711			
Bu072	The Common Moor	0.688			
Bu073	Downley Common	22.255			
Bu074	Wheeler End Common	14.263			
Bu077	Part of Wheeler End Common	5.232			
Bu078	Land off Bolter End Lane	0.005			
Bu079	Handleton Common	4.081			
Bu081	Land at Lane End	0.118			
Bu082	Moor End Common	23.240			
Bu085	Big Round Green	0.614			
Bu087	Ibstone Common	16.607			
Bu091	Bradenham Hill	4.867	0.209		0.209
Bu098	Coleshill Pond	0.198			
Bu099	Ivinghoe Common	70.706			

Code	Common	Total area (ha)	Ancient Woodland (ha)	Ancient Replanted Woodland (ha)	Ancient Semi-natural Woodland (ha)
Bu101	Little Hampden Common	17.902			
Bu105	Copy Green	0.621			
Bu106	Land on either side of Dobbins Lane, High Street and Pound Street	0.035			
Bu110	Chawley Green Farm	0.332			
Bu114	Part of Pitstone Common	0.156	0.152		0.152
Bu115	Part of Naphill Common	0.028			
Bu116	Part of Downley Common	0.047			
Bu117	Part of Booker Common	1.013	0.101		0.101
Bu118	Part of Newmer Common	0.072			
Bu121	Beechgrove Pond	0.022			
Bu122	Studmere Pond	0.108			
Bu123	City Pond	0.019			
Bu124	Horse Pond	0.060			
Bu125	Cadmore Pond	0.059			
Bu126	Wigmore Pond	0.030			
Bu127	Timor Pond	0.009			
Bu128	Whitewashing Pond	0.048			
Bu129	Deep Pit Pond	0.018			
Bu130	Public Pond at Turnip End	0.010			
Bu131	The Parish Well at Loosley Row	0.001			
Bu132	Land south of Leyland's Farm	0.030			
Bu133	Land near Kiln Cottage	0.029			
Bu134	Land at the Entrance to St Lawrence's Church	0.033			
Bu135	The Pound at Askett	0.001			
Bu137	Allotment Gardens at Dagnall	1.766			
Bu142	Southend Common	1.968			
Bu148	Great Hampden Common	23.666	3.494	3.482	
Bu157	West Wycombe Hill	21.219			
Bu166	Allotments at Water End	0.410			
Bu167	Allotments at Stokenchurch	2.888			
Bu168	Swilly Pond	0.102			
Bu181	The Pound at Stokenchurch	0.002			
Bu184	The Green	0.036			
Bu185	Allotment Gardens at Bennett End	0.409			
Bu186	Allotment Gardens at Spriggs Alley	0.476			
Bu187	Allotment Gardens at the Chapel	1.174			
Bu188	Allotment Gardens at the City	1.234			
Bu189	Well at Town End	0.009			
Bu190	Well Adjoining Radnage Common	0.004			
Bu191	Pond in Sprigg's Alley	0.005			
Bu192	Pond at the City	0.016			
Bu193	Pond in Green End Road	0.072			
Bu194	Pond in Radnage Common Road	0.009			
Bu195	Pond adjoining the Chapel	0.040			
Bu196	The Knowl	0.874			
Bu197	Land at Fagnall Lane	0.074			
Bu198	Winchmore Hill Common	2.290			
Bu199	Part of Penn Street Common	1.930			
Bu200	The Pound	0.050			
Bu201	Land at Potters Cross	0.146			
Bu202	Land at Beacon Hill	0.022			
Bu207	Turville Heath (Southern Part)	5.735			
Bu208	Land between Parrotts Lane and Sandpit Hill	0.062			
Bu213	Part of Marlow Common	0.424	0.068		0.068
Bu214	Southern Tip of Wheeler End Common	0.042			
Bu215	Pheasants Hill	15.517			
Bu216	Land by St John's Church	0.279			
Bu217	Land at Little Frieth	0.039			
Bu219	Land at Rockwell End	0.074			
Bu220	Pond at Walter's Ash	0.029			
Bu223	Pond at Upper North Dean	0.011			
Bu224	Ponds at Great Kingshill	0.017			
Bu225	Pond by Cockpit hole	0.111			

Code	Common	Total area (ha)	Ancient Woodland (ha)	Ancient Replanted Woodland (ha)	Ancient Semi-natural Woodland (ha)
Bu230	Land to the north-east of Bray's wood	0.126			
Bu231	Land to the east of the Red Lion Public House	0.012			
Bu240	The Rag Pit	0.520			
Bu241	The Rag Pit	0.753			
Bu249	Land in Keepers Lane	0.207			
Bu257	Part of Turville Heath	0.025			
Bu258	Part of Turville Heath	0.007			
Bu259	Part of Cadmore End Common	0.032			
Bu260	Part of Cadmore End Common	0.005			
Bu261	Part of Little Common	0.142			
Bu268	Land at Penn Street	0.391			
Bu271	Land at Asheridge	0.372			
Bu272	Chenies Village Green	0.263			
Bu286	Land adjoining Church Lane	0.396			
Bu288	Part of Southend Common	0.020			
Bu289	Part of Southend Common	0.259			
Bu294	Pond at Studley Green	0.057			
Bu295	Pond at Beacons Bottom	0.039			
Bu299	Loxborough Hill	1.438			
Bu301	Chalkpit	0.190			
Bu302	Pond adjoining western side of Studdridge Lane	0.028			
Bu303	Pond near Widmer End Farm	0.007			
Bu304	Land to the North of Cobblers Hill Farm	0.258			
He003	Hedges Wood Common	6.064			
He047	Northchurch and Berkhamsted Common	373.134			
He058	Rag Pit	0.304			
He069	Berkhamsted Common	0.506			
He072	Lilley Hoo	75.365			
He073	Aldbury Common	112.169	9.411		9.117
He074	Berkhamsted Common (part)	64.859			
He080	Little Heath	3.921			
He081	Hudnall Common	47.517			
He118	Little Heath (part)	4.777			
He119	Land on the west of Berkhamsted Common	0.179			
He120	Land lying on the east side of Allotment Gardens and part of Aldbury Common	0.139			
He192	Manorial waste	2.539	0.071		0.071
He193	Manorial waste	4.466			
He196	Part of Dean Lane	0.459	0.018		0.018
He198	Manorial waste	6.817			
He200	Green Lane	2.531			
He203	Track leading from Bradden Lane	0.569			
He265	Little Heath	1.129			
He281	Dawes Common	5.081			
He320	Ponds close to the road between Park Farm to the north and Clayhill to the South	0.183			
Ox001	Ewelme Cow Common	22.338			
Ox003	Tinepit Pond	0.138			
Ox004	Quern's Pond	0.222			
Ox005	Furzemoor Pond	0.136			
Ox006	Hyde's Pond	0.219			
Ox009	Cookley Green	2.186			
Ox011	Seven Pitts Pond	0.207			
Ox012	Shervilles Pond	0.027			
Ox013	Grays Pond	0.233			
Ox014	Cheesemore Pond	0.085			
Ox015	The Ponds	0.612			
Ox018	Crockerend Green	5.078			
Ox019	Greys Green and Shephards Green	11.595			
Ox032	Chalk Pits	1.171			

Code	Common	Total area (ha)	Ancient Woodland (ha)	Ancient Replanted Woodland (ha)	Ancient Semi-natural Woodland (ha)
Ox034	Land containing 3.715 acres or thereabouts in the parish of Crowmarsh	1.442			
Ox038	Land in the parishes of Nettlebed, Highmoor and Rotherfield Peppard	236.953	70.163	20.534	49.629
Ox041	Hempton Plain	26.865			
Ox050	Land in the parishes of Checkendon Common...Nuffield	116.090	18.359		17.411
Ox060	The Pound	0.047			
Ox069	Russells Water Common	108.824			
Ox070	Widmore Pond	0.247			
Ox076	Bottom Wood	2.994			
Ox081	Chalk Pits	0.431			
Ox092	Kidmore End Pond and The Pond, Park Lane	0.103			
Ox096	Maidensgrove Scrubs	17.333	15.980		15.980
Ox112	Crowell Common	13.517	1.719		1.719

## Appendix 4: Contact details for Local Environmental Records Centres

There are four records centres that hold wildlife and biodiversity data for the Chilterns. Information available includes wildlife species, protected sites and priority habitats. We work closely with voluntary groups to collate records for the area.

To find out more about records centres, join our mailing lists, request information or send in records, please get in touch.


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### ***Bedfordshire and Luton Biodiversity Recording and Monitoring Centre (BRMC)***



 : [www.bedsbionet.org.uk](http://www.bedsbionet.org.uk)

 : [brmc@bedsbionet.org.uk](mailto:brmc@bedsbionet.org.uk)

 : 01234 355435

 : 01234 346752

 : c/o The Wildlife Trust, Priory Country Park Visitor Centre, Barkers Lane, Bedford, MK41 9SH


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### ***Buckinghamshire and Milton Keynes Environmental Records Centre (BMERC)***



 : [www.bucksmerkerc.org.uk](http://www.bucksmerkerc.org.uk)

 : [mcharvey@buckscc.gov.uk](mailto:mcharvey@buckscc.gov.uk)

 : 01296 696012

 : 01296 624519

 : Museum Resource Centre, Tring Road, Halton, Aylesbury, HP22 5PN


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### ***Hertfordshire Biological Records Centre (HBRC)***



 : [enquire.hertscc.gov.uk/hbrc](http://enquire.hertscc.gov.uk/hbrc)

 : [biorec.info@hertscc.gov.uk](mailto:biorec.info@hertscc.gov.uk)

 : 01992 555220

 : HBRC, Environment, County Hall, Hertford, SG13 8DN


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### ***Thames Valley Environmental Records Centre (TVERC)***




 : [www.tverc.org](http://www.tverc.org)

 : [gavin.bird@oxfordshire.gov.uk](mailto:gavin.bird@oxfordshire.gov.uk)

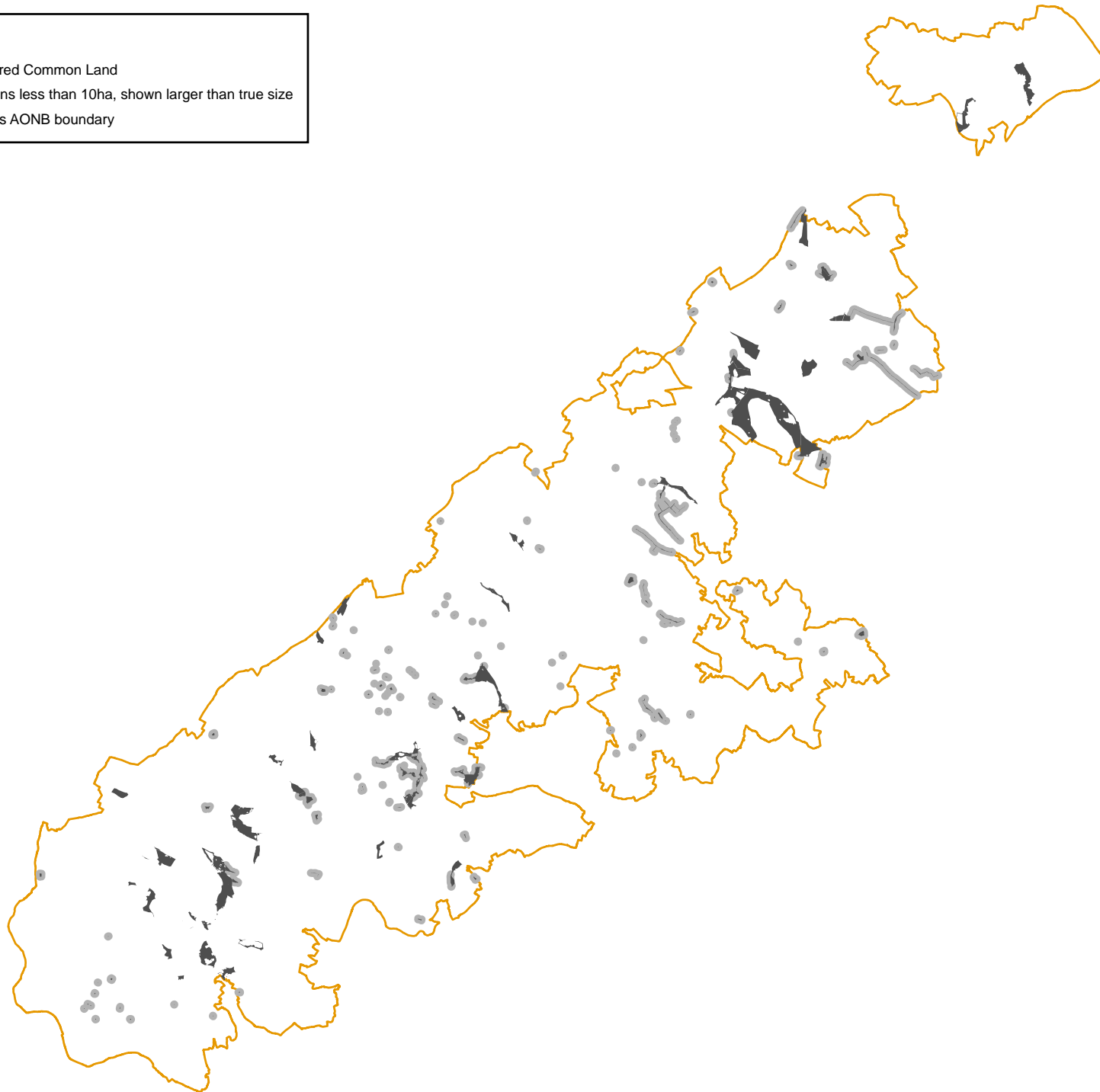
 : 01993 814147

 : 01993 814116

 : c/o the Museum of Oxfordshire, Fletcher's House, Park Street, Woodstock, Oxon, OX20 1SN

**Legend**

- Registered Common Land
- Commons less than 10ha, shown larger than true size
- Chilterns AONB boundary



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[www.bucksmkerc.org.uk](http://www.bucksmkerc.org.uk)  
[erc@buckscc.gov.uk](mailto:erc@buckscc.gov.uk) - 01296 696012

**MAP 1:**  
**Registered Commons in  
the Chilterns AONB**





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**Legend**


 Chilterns AONB boundary


 1km squares overlapping Commons


**UK BAP Priority spp. per 1km-square**


**Species per square**

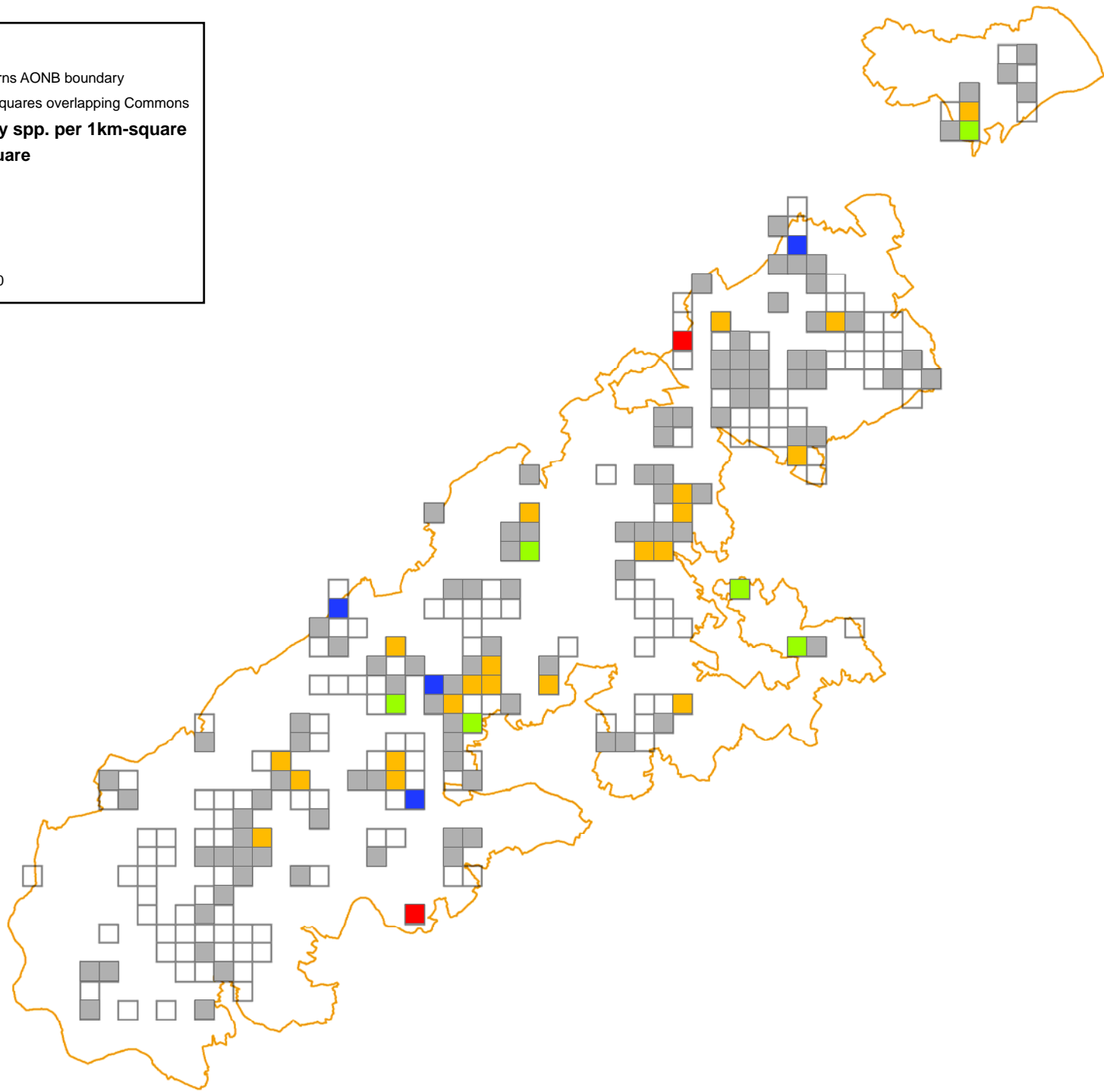
 1 - 2

 3 - 4

 5 - 7

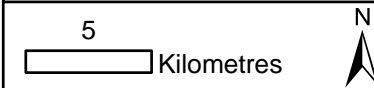
 8 - 10

 11 - 20



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erc@buckscc.gov.uk - 01296 696012

**MAP 2:**  
**UK BAP Priority species**  
**per 1km-square**  
**over-lapping Commons**



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