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TVERC

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BIODIVERSITY SITE ASSESMENT FOR WEST BERKSHIRE LOCAL PLAN

SEPTEMBER 2018

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FEEDBACK

If you have any feedback on this project, please email tverc@oxfordshire.gov.uk

BIODIVERSITY ASSESSMENT FOR WEST BERKSHIRE LOCAL PLAN

SUMMARY

West Berkshire Council is currently preparing a new Local Plan. As part of the Local Plan process, a number of proposed development sites have been identified. An assessment of each site for it suitability as a development location needs to be carried out for each of these sites.

West Berkshire Council have asked the Thames Valley Environmental Records Centre (TVERC) to carry out a desktop biodiversity assessment for each of these sites to determine which would need to have ecological surveys carried out. This assessment will help to prioritise ecological survey work and to help with the screening process for these sites.

In this report each site is evaluated against several criteria relating to the potential development impacts and potential opportunities in relation to biodiversity conservation. TVERC has also produced maps depicting each proposed development site along with surrounding priority habitats and protected sites.

TVERC found that of the 248 HELAA sites, 209 sites are classified as amber. The remaining 39 are classed as red due to the presence of ancient woodland or statutory sites within the proposed development area.

CONTENTS

Jack Hatfield, Biodiversity Projects Officer
September 2018

PROJECT DETAILS

1.1. AIMS

The aim of the project is to provide a desktop assessment of each site identified in the Local Plan to determine their biodiversity value and the requirement for further survey.

1.2. OUTPUTS

The output from this project is a report summarising for each site:

- The presence of priority habitats on or adjacent to each site;
- The presence of ancient woodland on or adjacent to each site;
- The presence of European protected species on or near to each site;
- The presence of priority species on or near to each site;
- The presence of any statutorily protected sites (e.g. SSSI, SPA, SAC) for wildlife on or immediately adjacent to each site;
- Whether the site is within a SSSI Impact Risk Zone and what the risks are;
- And the presence of any non-statutorily protected Local Wildlife Sites or Local Geological Sites on or immediately adjacent to each site.

The report includes maps of habitats and protected wildlife sites for each proposed development site.

In addition, TVERC has conducted a preliminary assessment for each site to determine the potential impacts of development. This uses a scoring system for each site. A score will also be assigned to each site summarizing its potential to contribute to improved habitat connectivity, or habitat or species conservation. TVERC also provides a Red Amber Green (RAG) alert system for each site.

TVERC has produced a summary of the scoring and alert system for each site in the reports. We have also provided a summary spreadsheet for each site which includes the scoring criteria, total scores and the RAG alert for each site, to allow quick comparisons to be made. This can also be used as a join layer in GIS.

In this report we provide a summary describing the methods used in the project and a summary of the results.

1.3. METHODS

We used data held by TVERC on species, habitats and sites in West Berkshire. TVERC holds comprehensive data on biodiversity for the District.

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September 2018

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P a g e | 5
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TVERC used Geographic Information Systems (GIS) to extract data corresponding to each site. We then used these data to create maps and provide summaries of these data for each site.

For priority and European protected species, we use species records data to select sites where surveys for protected species should be carried out. We selected priority and European Protected species records within 500 metres of each site. Priority species were defined as those classified under NERC S.41 2006. This legislation corresponds to species "of principal importance for the purpose of conserving biodiversity" (Section 41 (England) NERC Act (2006)) and must therefore be taken into account by public bodies when performing any of their functions regarding conserving biodiversity. European Protected species are those listed in BirdsDir-A1, HabDir-A2np, HabDir-A4 and HabDir-A5. BirdsDir-A1 lists all species in Annex 1 of EC Directive 79/409/EEC on the Conservation of Wild Birds. This legislation covers birds which are subject to special conservation measures concerning their habitat in order to ensure their survival and reproduction in their area of distribution. The HabDir legislation is from annexes 2, 4 and 5 of the EC Habitats Directive which is Council Directive 92/43/EEC on the Conservation of natural habitats and of wild fauna and flora. The exact details are provided below:

HabDir-A2np	Animal and plant species of Community interest (i.e. endangered, vulnerable, rare or endemic in the European Community) whose conservation requires the designation of special areas of conservation. Note that the contents of this annex have been updated in April 2003 following the treaty of Accession.
HabDir-A4	Animal and plant species of Community interest (i.e. endangered, vulnerable, rare or endemic in the European Community) in need of strict protection. They are protected from killing, disturbance or the destruction of them or their habitat. Note that the contents of this annex have been updated in April 2003 following the treaty of Accession.
HabDir-A5	Animal and plant species of Community interest whose taking in the wild and exploitation may be subject to management measures.

We used a 500 metre buffer of each site to select appropriate habitats and sites.

The following summaries are provided for each site:

- Area of each priority habitat on or adjacent to each site (i.e. within 500 metre buffer)
- A list of statutory and non-statutory sites on or adjacent to each site
- The SSSI Impact Risk Zone risks for the site

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- A summary of the European protected and priority species recorded on or near each site, including details of the most recent record and total number of records for each species
- Area of Ancient woodland on or adjacent to each site (500 m)

Only the area of each priority habitat type within the proposed site boundaries and a surrounding 500 m buffer was calculated, with priority habitat being first clipped to the extent of the proposed sites and their buffer surrounds. All ancient woodlands within 500 m of the proposed site were identified and the total area of each woodland patch summed. This included woodland outside of the 500 m buffer if the woodland formed part of a patch of which part was within the 500 m buffer.

Maps of each site showing the following are provided:

- Priority habitats
- Statutory sites (e.g. SSSIs)
- Non-statutory sites (i.e. Local Wildlife Sites)

TVERC has conducted an assessment for each site to determine the potential impacts of development. TVERC used a scoring system to rank each site as follows:

TABLE 1: SCORING CRITERIA FOR DEVELOPMENT IMPACT

Criteria	Score	Alert (Red or Amber)
Statutory wildlife site (e.g. SSSI, SAC, SPA) on development site	-2	Red
Ancient Woodland on site	-2	Red
Statutory site adjacent to site	-1	Amber
Ancient woodland adjacent to site	-1	Amber
Site in SSSI Impact Risk Zone	-1	Amber
LWS or LGS on or adjacent to site	-1	Amber
Priority habitat on or adjacent to site	-1	Amber
European protected species on or near site	-1	Amber
Priority species on or near site	-1	Amber

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September 2018

P a g e | 7
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A total development impact score for each site is provided in each site report and in the overall summary table.

TVERC also scored each site for its potential to contribute to improved habitat connectivity, or habitat or species conservation as follows:

TABLE 2: SCORING CRITERIA FOR CONSERVATION OPPORTUNITIES SCORE

Criteria	Score
Within a Biodiversity Opportunity Area	+1
Within a Habitat Network	+1
LWS on or adjacent to site	+1

A total opportunities score is provided for each site within each site report and summarized in the main summary table. Sites that overlap or are adjacent to a LWS can contribute to habitat management and enhancement as part of the scheme, which would be a positive contribution to local nature conservation.

To provide a quick reference TVERC also provides a Red Amber Green alert system for each site as follows:

- Red – High risk a site could have adverse impacts on biodiversity. This would include sites where there is a statutorily designated site (e.g. SSSI), ancient woodland, habitat that is of national importance for the county, or populations of species that are of national importance (e.g. horseshoe bat maternity roost) on part or all of a site. Sites which have these features on part of the site could still be suitable for development with appropriate avoidance and mitigation measures.

- Amber – Medium risk a site could have adverse impacts. This would include any site adjacent to a statutorily designated site, within a SSSI impact risk zone, on or adjacent to a LWS or LGS, supporting priority habitat, or supporting European protected or priority species. Risk could be lowered by implementing appropriate avoidance and mitigation measures.

- Green – Low risk of adverse impacts on biodiversity. Sites where none of the above criteria are met.

This alert system takes no account of the proportion of a site which contains important biodiversity assets. A large site may contain an important asset in a small area, which would not mean that development could not take place on other parts of the site. Conversely, small sites may be largely or entirely taken up with important assets and development on these sites would be considered inappropriate. In practice, no sites would be considered green until further information was available to assess the ecological condition of the

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September 2018

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P a g e | 8
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site. There is likely to be ecological information about a site to which TVERC does not have access, which will not have been included in these assessments. The vast majority of sites are amber; further information or survey work could mean sites become green if there were no ecological constraints on site, or red if evidence of nationally important habitats or species were discovered on site. We recommend appropriate survey work based on the results of the assessment for each site.

We include a summary of the scoring and alert system for each site in the reports. We also provide a summary table within each site report which includes the scoring criteria, total scores and the RAG alert for each site, to allow quick comparisons to be made. This can also be used as a join layer in GIS.

2. RESULTS SUMMARY

The majority of sites were classified as Amber for potential development impacts. Overall 209 sites were classified as Amber with the remaining 39 (15.7%) classified as Red.

Impact score ranges between -3 and -9 with an average score of -5.7. The conservation opportunities score ranges between 0 and 3 with an average of 2.1.

RAG
● ● ●
84.3% of sites are classified as AMBER and 15.7% are classified as RED.

2.1. STATUTORY SITES

A total of 25 different statutory sites were within 500 m of the proposed development sites which in total created 128 HELAA-statutory site proximity overlaps (within 500 m). There were two LNRs, one SAC and 22 SSSIs that were found in proximity to HELAA sites. We found that 7 HELAA sites were on statutory sites and a further 70 were within 500 m of a statutory site.

2.2. ANCIENT WOODLAND

A total of 33 sites overlapped with ancient woodland and an additional 106 were within 500 m of at least one area of ancient woodland. This represents 176 patches of ancient woodland with a total area of over 1,270 ha.

2.3. SSSI IMPACT RISK ZONES

All sites were within a least one SSSI impact risk zone with the conditions for future development detailed in the individual site reports.

2.4. NON-STATUTORY SITES

A total of 180 of the proposed sites were within 500 m of a least one Local Wildlife Site, proposed Local Wildlife Site (or extension), Local Geological Site or Roadside Nature Reserve. HELAA sites were within 500 m of 170 individual non-statutory sites: 157 Local Wildlife Sites, seven Roadside Nature Reserves, three proposed Local Wildlife Sites, two Local Geological Sites and one proposed Local Wildlife Site extension.

2.5. PRIORITY HABITATS

Overall 239 sites were within 500 m of priority habitat. The priority habitat surrounding each site is shown in individual maps for each site and its area summarised in each site report. In total > 2,000 ha of priority habitat was within 500 m of the proposed HELAA sites.

2.6. EUROPEAN PROTECTED SPECIES

European protected species were recorded within 500 m of 245 sites. This represents > 7,000 records for more than 80 different species ranging from 1981 to 2018.

2.7. PRIORITY SPECIES

For a total of 246 sites, priority species were detected within 500 m. This represents > 15,000 records of more than 140 different species ranging from 1963 to 2018.

2.8. BIODIVERSITY OPPORTUNITY AREAS

A total of 104 sites were classed as being within a biodiversity opportunity area.

2.9. HABITAT NETWORKS

In total 246 sites are within a habitat network.

2.10. LOCAL WILDLIFE SITES

In total 172 sites are within 500 m of a Local Wildlife Site or a proposed Local Wildlife Site (or proposed extension).

6. SUMMARY AND RECOMMENDATIONS

RECOMMENDATIONS FOR FURTHER WORK

Up to date ecological surveys are needed to establish current site conditions and the presence of any protected species at the site. Where protected species, sites or habitats are present on the proposed development site, avoidance and mitigation measures must be proposed. Amber sites with the lowest impact scores, as the most suitable for future development, are good targets for future survey work. Development on red sites should be avoided, subject to ecological survey and implementation of appropriate mitigation where practical. Any development that would impact a statutory site requires Natural England to be first consulted.

Sites that have a high opportunities score should be prioritised for the improvement of biodiversity, habitat connectivity and the enhancement of nearby Local Wildlife Sites.

Please share any survey data collected as part of the work commissioned by West Berkshire Council with TVERC.

7. ABOUT TVERC

Thames Valley Environmental Records Centre (TVERC) is a 'not for profit' organisation covering Berkshire and Oxfordshire. We are run by a partnership and are one of a national network of local records centres. We are a member of the Association of Local Records Centres (ALERC) and the National Biodiversity Network (NBN). Our funding partners include all the local authorities in Oxfordshire & Berkshire plus the Environment Agency. We also work closely with the Berkshire, Buckinghamshire and Oxfordshire Wildlife Trust.

WHAT WE DO

We provide our funding partners with annually updated species and sites information as GIS tables, and undertake surveys of local wildlife sites. We also carry out data analysis for the monitoring of local authority Local Plans. We provide information to parish councils, local people, conservation bodies, land-owners, students and commercial organisations such as ecological consultants and utilities companies via data searches, data licensing and data exchanges. We provide other services such as ecological surveys, data analysis & presentation and training.

OUR RECORDS

We hold around 1.8 million records of flora and fauna in Berkshire and Oxfordshire plus information about Local Wildlife and Geological Sites, NERC Act S41 Habitats of Principal Importance (previously called UK Biodiversity Action Plan (BAP) habitats) and Ecological Networks (Conservation Target Areas and Biodiversity Opportunity Areas). We collect this data from the general public, skilled volunteer /amateur recorders, professionals working for wildlife charities (BBOWT and RSPB), professionals working for government agencies (the Environment Agency & local authorities) and ecological consultants. This information is used:

- by planning authorities and developers to make informed decisions on the design and location of sustainable development
- to help farmers, land-owners and conservation organisations manage land in the best way to enhance biodiversity
- by nature partnerships to direct wildlife conservation work
- by teachers, students and scientists for education and scientific research.

For more information please visit our website: www.tverc.org

8. APPENDICES

APPENDIX 1: TABLE SHOWING THE SCORES UNDER EACH CRITERIA AND TOTALS FOR EACH HELAA SITE

HELAA Site	Statutory Sites	Ancient Woodland	SSSI Impact Zone	Non-Statutory Site	Priority Habitats	European Protected Species	Priority Species	RAG	BOA	Habitat Network	LWS	Impact Score	Opportunities Score
ALD1	0	-2	-1	-1	-1	-1	-1	Red	1	1	1	-7	3
ALD2	-1	0	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
ALD3	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
ALD4	0	0	-1	0	-1	-1	-1	Amber	0	1	0	-4	1
ALD5	-1	0	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
ALD6	-1	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-7	3
ALD7	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
BAS1	0	0	-1	0	-1	-1	-1	Amber	0	1	0	-4	1
BAS2	0	0	-1	-1	-1	-1	-1	Amber	1	1	1	-5	3
BAS3	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
BAS4	0	0	-1	-1	-1	-1	-1	Amber	0	1	1	-5	2
BAS5	0	0	-1	0	-1	-1	-1	Amber	1	1	0	-4	2
BEED1	0	-1	-1	0	-1	-1	-1	Amber	0	1	0	-5	1
BEED2	0	-1	-1	0	-1	-1	-1	Amber	0	1	0	-5	1
BEED3	0	-1	-1	0	-1	-1	-1	Amber	0	1	0	-5	1
BEED4	0	0	-1	0	-1	-1	-1	Amber	0	1	0	-4	1
BEEN1	-1	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-7	2
BEEN2	-1	-1	-1	0	-1	-1	-1	Amber	1	1	0	-6	2
BEEN3	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
BEEN4	0	0	-1	0	-1	-1	-1	Amber	0	1	0	-4	1

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September 2018

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HELAA Site	Statutory Sites	Ancient Woodland	SSSI Impact Zone	Non-Statutory Site	Priority Habitats	European Protected Species	Priority Species	RAG	BOA	Habitat Network	LWS	Impact Score	Opportunities Score
BEEN5	0	0	-1	-1	-1	-1	-1	Amber	0	1	1	-5	2
BEEN6	0	0	-1	0	-1	-1	-1	Amber	0	1	0	-4	1
BEEN7	-2	-2	-1	-1	-1	-1	-1	Red	1	1	1	-9	3
BEEN8	-1	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-7	3
BEEN9	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
BH1	0	-2	-1	-1	-1	-1	-1	Red	0	1	1	-7	2
BH2	0	-1	-1	-1	-1	-1	-1	Amber	0	1	0	-6	1
BRAD1	-1	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-7	3
BRAD2	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
BRAD3	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
BRAD4	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
BRAD5	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
BRAD6	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
BRAD7	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
BRIG1	0	0	-1	0	-1	-1	-1	Amber	0	1	0	-4	1
BRIM1	-1	0	-1	0	-1	-1	-1	Amber	1	1	0	-5	2
BRIM2	-1	0	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
BRIM3	-1	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-7	3
BUCK1	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
BUCK2	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
BUR1	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
BUR10	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
BUR11	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
BUR12	0	0	-1	-1	-1	-1	-1	Amber	0	1	1	-5	2

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HELAA Site	Statutory Sites	Ancient Woodland	SSSI Impact Zone	Non-Statutory Site	Priority Habitats	European Protected Species	Priority Species	RAG	BOA	Habitat Network	LWS	Impact Score	Opportunities Score
BUR13	0	0	-1	-1	-1	-1	-1	Amber	1	1	1	-5	3
BUR14	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
BUR15	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
BUR2	0	0	-1	0	-1	-1	-1	Amber	0	1	0	-4	1
BUR3	0	0	-1	-1	-1	-1	-1	Amber	0	1	1	-5	2
BUR4	0	0	-1	0	-1	-1	-1	Amber	0	1	0	-4	1
BUR5	0	0	-1	-1	-1	-1	-1	Amber	1	1	1	-5	3
BUR6	-1	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-7	3
BUR7	0	0	-1	-1	-1	-1	-1	Amber	0	1	1	-5	2
BUR8	0	-2	-1	-1	-1	-1	-1	Red	1	1	1	-7	3
BUR9	0	-2	-1	-1	-1	-1	-1	Red	1	1	1	-7	3
CA1	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
CA10	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
CA11	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
CA12	0	0	-1	-1	-1	-1	-1	Amber	0	1	1	-5	2
CA13	0	0	-1	-1	-1	-1	-1	Amber	0	1	1	-5	2
CA14	-1	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-7	2
CA15	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
CA16	0	0	-1	-1	-1	-1	-1	Amber	0	1	1	-5	2
CA17	0	0	-1	-1	-1	-1	-1	Amber	0	1	1	-5	2
CA18	0	-1	-1	0	-1	-1	-1	Amber	0	1	0	-5	1
CA2	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
CA3	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
CA4	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2

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HELAA Site	Statutory Sites	Ancient Woodland	SSSI Impact Zone	Non-Statutory Site	Priority Habitats	European Protected Species	Priority Species	RAG	BOA	Habitat Network	LWS	Impact Score	Opportunities Score
CA5	0	-2	-1	-1	-1	-1	-1	Red	0	1	1	-7	2
CA6	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
CA7	-1	-1	-1	-1	-1	0	-1	Amber	1	1	1	-6	3
CA8	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
CA9	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
CHI1	0	0	-1	0	0	-1	-1	Amber	0	1	0	-3	1
CHI10	0	-2	-1	-1	-1	-1	-1	Red	1	1	1	-7	3
CHI11	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
CHI12	0	-2	-1	-1	-1	-1	-1	Red	1	1	1	-7	3
CHI13	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
CHI14	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
CHI15	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
CHI16	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
CHI17	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
CHI18	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
CHI19	0	0	-1	0	0	-1	-1	Amber	0	1	0	-3	1
CHI2	0	-1	-1	0	-1	-1	-1	Amber	0	1	0	-5	1
CHI20	0	0	-1	0	0	-1	-1	Amber	0	1	0	-3	1
CHI21	0	-2	-1	-1	-1	-1	-1	Red	1	1	1	-7	3
CHI22	0	-2	-1	-1	-1	-1	-1	Red	1	1	1	-7	3
CHI3	0	-2	-1	-1	-1	-1	-1	Red	1	1	1	-7	3
CHI4	0	0	-1	0	-1	-1	-1	Amber	0	1	0	-4	1
CHI5	0	0	-1	0	0	-1	-1	Amber	0	1	0	-3	1
CHI6	0	0	-1	0	0	-1	-1	Amber	0	1	0	-3	1

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September 2018

Biodiversity Assessment – West Berkshire

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HELAA Site	Statutory Sites	Ancient Woodland	SSSI Impact Zone	Non-Statutory Site	Priority Habitats	European Protected Species	Priority Species	RAG	BOA	Habitat Network	LWS	Impact Score	Opportunities Score
CHI7	0	0	-1	0	0	-1	-1	Amber	0	1	0	-3	1
CHI8	0	0	-1	0	0	-1	-1	Amber	0	1	0	-3	1
CHI9	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
COM1	0	0	-1	0	-1	-1	-1	Amber	0	1	0	-4	1
COM2	0	0	-1	0	-1	-1	-1	Amber	0	1	0	-4	1
COM3	0	0	-1	0	-1	-1	-1	Amber	0	1	0	-4	1
COM4	0	0	-1	0	-1	-1	-1	Amber	0	1	0	-4	1
COM5	0	0	-1	0	-1	-1	-1	Amber	0	1	0	-4	1
EG1	-1	0	-1	0	-1	-1	-1	Amber	0	1	0	-5	1
EI1	0	0	-1	0	-1	-1	-1	Amber	0	1	0	-4	1
ENB1	0	0	-1	0	-1	-1	-1	Amber	0	1	0	-4	1
ENB2	-1	-2	-1	-1	-1	-1	-1	Red	1	1	1	-8	3
GRE1	-2	-1	-1	-1	-1	-1	-1	Red	1	1	1	-8	3
GRE2	0	-2	-1	-1	-1	-1	-1	Red	1	1	1	-7	3
GRE3	-1	-2	-1	-1	-1	-1	-1	Red	1	1	1	-8	3
GRE4	-1	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-7	3
GRE5	-1	0	-1	0	-1	-1	-1	Amber	1	1	0	-5	2
GRE6	-1	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-7	3
GRE7	-1	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-7	3
GRE8	-1	-2	-1	-1	-1	-1	-1	Red	1	1	1	-8	3
GRE9	-1	-2	-1	-1	-1	-1	-1	Red	1	1	1	-8	3
HER1	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
HER2	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
HER3	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2

Biodiversity Assessment – West Berkshire

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HELAA Site	Statutory Sites	Ancient Woodland	SSSI Impact Zone	Non-Statutory Site	Priority Habitats	European Protected Species	Priority Species	RAG	BOA	Habitat Network	LWS	Impact Score	Opportunities Score
HER4	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
HER5	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
HN1	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
HN2	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
HUN1	-1	0	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
HUN10	-1	0	-1	-1	-1	-1	-1	Amber	1	1	0	-6	2
HUN11	-1	0	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
HUN12	0	0	-1	-1	-1	-1	-1	Amber	0	1	0	-5	1
HUN13	-1	0	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
HUN2	-2	0	-1	-1	-1	-1	-1	Red	1	1	1	-7	3
HUN3	-1	0	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
HUN4	0	0	-1	0	0	-1	-1	Amber	0	1	0	-3	1
HUN5	0	0	-1	0	-1	-1	-1	Amber	0	1	0	-4	1
HUN6	-1	0	-1	-1	-1	-1	-1	Amber	0	1	0	-6	1
HUN7	-1	0	-1	-1	-1	-1	-1	Amber	0	1	0	-6	1
HUN8	-1	0	-1	-1	-1	-1	-1	Amber	0	1	0	-6	1
HUN9	-1	0	-1	-1	-1	-1	-1	Amber	1	1	0	-6	2
KIN1	-1	0	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
KIN2	-1	0	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
KIN3	0	0	-1	-1	-1	-1	-1	Amber	1	1	1	-5	3
KIN4	0	0	-1	-1	-1	-1	-1	Amber	1	1	1	-5	3
KIN5	-1	0	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
KIN6	-1	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-7	2
LAM1	0	0	-1	0	-1	-1	-1	Amber	0	1	0	-4	1

Jack Hatfield, Biodiversity Projects Officer
September 2018

Biodiversity Assessment – West Berkshire

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HELAA Site	Statutory Sites	Ancient Woodland	SSSI Impact Zone	Non-Statutory Site	Priority Habitats	European Protected Species	Priority Species	RAG	BOA	Habitat Network	LWS	Impact Score	Opportunities Score
LAM2	-1	0	-1	-1	-1	-1	-1	Amber	0	1	0	-6	1
LAM3	-1	0	-1	0	-1	-1	-1	Amber	0	1	0	-5	1
LAM4	-1	0	-1	0	-1	-1	-1	Amber	0	1	0	-5	1
LAM5	-1	0	-1	0	-1	-1	-1	Amber	0	1	0	-5	1
LAM6	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
LAM7	-1	0	-1	0	-1	-1	-1	Amber	0	1	0	-5	1
LECK1	0	0	-1	0	0	-1	-1	Amber	0	1	0	-3	1
MID1	0	0	-1	0	-1	-1	-1	Amber	1	1	0	-4	2
MID2	-1	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-7	3
MID3	-1	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-7	2
MID4	-1	-2	-1	-1	-1	-1	-1	Red	0	1	1	-8	2
NEW1	-2	0	-1	0	-1	-1	-1	Red	0	1	0	-6	1
NEW2	0	0	-1	0	-1	-1	-1	Amber	0	1	0	-4	1
NEW3	-1	0	-1	0	-1	-1	-1	Amber	0	0	0	-5	0
NEW4	0	0	-1	-1	-1	-1	-1	Amber	1	1	1	-5	3
NEW5	0	0	-1	-1	-1	-1	-1	Amber	0	1	1	-5	2
NEW6	-1	0	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
NEW7	-1	0	-1	0	-1	-1	-1	Amber	0	1	0	-5	1
NEW8	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
NEW9	-1	0	-1	0	-1	-1	-1	Amber	0	1	0	-5	1
PAD1	-1	0	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
PAD2	-1	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-7	3
PAD3	0	0	-1	-1	-1	-1	-1	Amber	1	1	1	-5	3
PAN1	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2

Jack Hatfield, Biodiversity Projects Officer
September 2018

Biodiversity Assessment – West Berkshire

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HELAA Site	Statutory Sites	Ancient Woodland	SSSI Impact Zone	Non-Statutory Site	Priority Habitats	European Protected Species	Priority Species	RAG	BOA	Habitat Network	LWS	Impact Score	Opportunities Score
PAN2	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
PAN3	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
PAN4	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
PAN5	0	0	-1	0	-1	-1	-1	Amber	0	1	0	-4	1
PAN6	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
PAN7	0	0	-1	0	-1	-1	-1	Amber	0	1	0	-4	1
SCD1	0	-1	-1	-1	-1	0	0	Amber	0	1	1	-4	2
SCD2	-1	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-7	3
SCD3	-1	0	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
SCD4	-1	-2	-1	-1	-1	-1	-1	Red	1	1	1	-8	3
SCD5	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
SCD6	0	-1	-1	-1	-1	0	0	Amber	0	1	1	-4	2
SM1	0	0	-1	0	-1	-1	-1	Amber	1	1	0	-4	2
SM2	0	-1	-1	0	-1	-1	-1	Amber	0	1	0	-5	1
SM3	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
SM4	0	0	-1	-1	-1	-1	-1	Amber	1	1	1	-5	3
SM5	0	-2	-1	0	-1	-1	-1	Red	0	1	0	-6	1
SM6	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
SPE1	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
SPE2	-1	0	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
SPE3	0	0	-1	-1	-1	-1	-1	Amber	0	1	1	-5	2
SPE4	0	0	-1	-1	-1	-1	-1	Amber	0	1	1	-5	2
SPE5	0	0	-1	-1	-1	-1	-1	Amber	0	1	1	-5	2
STR1	-1	0	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2

Jack Hatfield, Biodiversity Projects Officer
September 2018

Biodiversity Assessment – West Berkshire

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HELAA Site	Statutory Sites	Ancient Woodland	SSSI Impact Zone	Non-Statutory Site	Priority Habitats	European Protected Species	Priority Species	RAG	BOA	Habitat Network	LWS	Impact Score	Opportunities Score
STR2	-1	-2	-1	-1	-1	-1	-1	Red	1	1	1	-8	3
STR3	-1	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-7	2
SUL1	0	0	-1	-1	-1	-1	-1	Amber	1	1	1	-5	3
SUL2	0	0	-1	-1	-1	-1	-1	Amber	1	1	1	-5	3
SUL3	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
SUL4	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
SUL5	0	0	-1	-1	-1	-1	-1	Amber	0	1	1	-5	2
SUL6	0	0	-1	-1	-1	-1	-1	Amber	1	1	1	-5	3
THA1	-2	0	-1	-1	-1	-1	-1	Red	1	1	1	-7	3
THA10	0	-2	-1	-1	-1	-1	-1	Red	1	1	1	-7	3
THA11	-1	0	-1	0	-1	-1	-1	Amber	0	1	0	-5	1
THA12	0	0	-1	0	-1	-1	-1	Amber	0	1	0	-4	1
THA13	-1	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-7	2
THA14	-1	-2	-1	-1	-1	-1	-1	Red	1	1	1	-8	3
THA15	0	0	-1	-1	-1	-1	-1	Amber	0	1	1	-5	2
THA2	0	0	-1	0	-1	-1	-1	Amber	0	1	0	-4	1
THA3	-1	0	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
THA4	-1	0	-1	0	-1	-1	-1	Amber	1	1	0	-5	2
THA5	-1	0	-1	0	-1	-1	-1	Amber	1	1	0	-5	2
THA6	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
THA7	-2	0	-1	-1	-1	-1	-1	Red	1	1	1	-7	3
THA8	0	-2	-1	-1	-1	-1	-1	Red	1	1	1	-7	3
THA9	-2	0	-1	0	-1	-1	-1	Red	1	1	0	-6	2
THE1	-1	-1	-1	0	-1	-1	-1	Amber	1	1	0	-6	2

Biodiversity Assessment – West Berkshire

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HELAA Site	Statutory Sites	Ancient Woodland	SSSI Impact Zone	Non-Statutory Site	Priority Habitats	European Protected Species	Priority Species	RAG	BOA	Habitat Network	LWS	Impact Score	Opportunities Score
THE2	0	0	-1	0	-1	-1	-1	Amber	0	1	0	-4	1
THE3	0	0	-1	-1	-1	-1	-1	Amber	0	1	1	-5	2
THE4	0	0	-1	-1	-1	-1	-1	Amber	0	1	1	-5	2
THE5	0	0	-1	-1	-1	-1	-1	Amber	1	1	1	-5	3
THE6	0	0	-1	0	-1	-1	-1	Amber	0	1	0	-4	1
THE7	-1	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-7	3
THE8	-1	-1	-1	0	-1	-1	-1	Amber	0	1	0	-6	1
THE9	0	0	-1	0	-1	-1	-1	Amber	0	0	0	-4	0
TID1	-1	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-7	2
TIL1	0	-1	-1	0	-1	-1	-1	Amber	1	1	0	-5	2
TIL10	0	-2	-1	-1	-1	-1	-1	Red	1	1	1	-7	3
TIL11	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
TIL12	0	-2	-1	-1	-1	-1	-1	Red	1	1	1	-7	3
TIL13	-1	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-7	3
TIL14	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
TIL15	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
TIL16	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
TIL17	-1	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-7	3
TIL2	0	-1	-1	0	-1	-1	-1	Amber	0	1	0	-5	1
TIL3	0	-2	-1	0	-1	-1	-1	Red	1	1	0	-6	2
TIL4	0	-2	-1	-1	-1	-1	-1	Red	1	1	1	-7	3
TIL5	0	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-6	2
TIL6	0	-2	-1	-1	-1	-1	-1	Red	1	1	1	-7	3
TIL7	0	-2	-1	-1	-1	-1	-1	Red	1	1	1	-7	3

Jack Hatfield, Biodiversity Projects Officer
September 2018

Biodiversity Assessment – West Berkshire

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HELAA Site	Statutory Sites	Ancient Woodland	SSSI Impact Zone	Non-Statutory Site	Priority Habitats	European Protected Species	Priority Species	RAG	BOA	Habitat Network	LWS	Impact Score	Opportunities Score
TIL8	0	-2	-1	-1	-1	-1	-1	Red	1	1	1	-7	3
TIL9	0	-2	-1	-1	-1	-1	-1	Red	1	1	1	-7	3
WEL1	0	-1	-1	0	-1	-1	-1	Amber	0	1	0	-5	1
WOK1	0	-2	-1	-1	-1	-1	-1	Red	0	1	1	-7	2
WOK2	0	0	-1	-1	-1	-1	-1	Amber	0	1	1	-5	2
WOK3	0	-1	-1	0	-1	-1	-1	Amber	0	1	0	-5	1
WOK4	0	-2	-1	-1	-1	-1	-1	Red	1	1	1	-7	3
WW1	-1	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-7	2
WW2	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
WW3	-1	-1	-1	-1	-1	-1	-1	Amber	0	1	1	-7	2
WW4	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3
WW5	0	-1	-1	-1	-1	-1	-1	Amber	1	1	1	-6	3

Jack Hatfield, Biodiversity Projects Officer
September 2018