November 2022



Ancient Woodland Summary Report



High Speed Two (HS2) Limited has been tasked by the Department for Transport (DfT) with managing the delivery of a new national high speed rail network. It is a non-departmental public body wholly owned by the DfT.

High Speed Two (HS2) Limited, Two Snowhill Snow Hill Queensway Birmingham B4 6GA

Telephone: 08081 434 434

General email enquiries: HS2enquiries@hs2.org.uk

Website: www.hs2.org.uk

High Speed Two (HS2) Limited has actively considered the needs of blind and partially sighted people in accessing this document. The text will be made available in full on the HS2 website. The text may be freely downloaded and translated by individuals or organisations for conversion into other accessible formats. If you have other needs in this regard please contact High Speed Two (HS2) Limited.

© High Speed Two (HS2) Limited, 2022, except where otherwise stated.

Copyright in the typographical arrangement rests with High Speed Two (HS2) Limited.

This information is licensed under the Open Government Licence v3.0. To view this licence, visit www.nationalarchives.gov.uk/doc/open-government-licence/version/3 **OGL** or write to the Information Policy Team, The National Archives, Kew, London TW9 4DU, or e-mail: psi@nationalarchives.gsi.gov.uk. Where we have identified any third-party copyright information you will need to obtain permission from the copyright holders concerned.



Printed in Great Britain on paper containing at least 100% recycled fibre.

Contents

1	Introduction	1
2	Background to our ancient woodland reporting	4
3	Changes since the Phase One Environmental Statement	5
4	The HS2 Green Corridor and Ancient Woodland reporting	8
5	Consulting with our stakeholders	9
6	The HS2 Woodland Fund	10
List of	ftables	
Table	1: Summary of changes to the area of ancient woodland impacts	
on Pha	ase One since 2017	5
Table :	2: Summary of schemes delivered as of the end of the financial year	
2021/	22 through the HS2 Woodland Fund on Phase One	10
Table :	3: Detailed breakdown of changes to HS2's impact on Phase One	
ancien	nt woodlands	11

1 Introduction

- 1.1.1 This report provides information on how HS2 Ltd has reduced impacts to ancient woodlands on Phase One since publication of the Environmental Statement in 2017. The area of ancient woodlands that we originally reported would be lost has reduced by 8.4 hectares since the Environmental Statement was published, from 29.0¹ hectares to 20.6 hectares, representing a 29% reduction.
- 1.1.2 In England, ancient woodlands are areas that have been continuously wooded since at least 1600AD. They are complex ecosystems and take hundreds of years to establish. As such they are irreplaceable². Both ancient semi-natural woodland and plantations on ancient woodland sites (PAWS) are afforded equal policy protection under the National Planning Policy Framework.
- 1.1.3 There are over 52,000 ancient woodland sites in England. Our new assessments mean that our Phase One work is now set to affect 25 ancient woodlands compared with 32 ancient woodlands previously forecast to be impacted in the Environmental Statement and the Phase One Ancient Woodland Strategy³.
- 1.1.4 Where an ancient woodland is described as affected, in many cases this means a small section of an overall woodland is affected. On Phase One, 88% of the total area of the 25 ancient woodlands will remain intact and untouched by HS2.
- 1.1.5 This report provides more details on how we have achieved this reduction.
- 1.1.6 HS2 Ltd have incorporated avoidance, mitigation and compensation measures across all phases of the Project in accordance with the mitigation hierarchy. We have designed, where reasonably practicable, to avoid impacts on sensitive ecological receptors like ancient woodlands. However, given the scale of HS2, and a series of sometimes conflicting environmental constraints, there are locations where impacts to ancient woodlands cannot be reasonably avoided. In these instances, design development seeks to mitigate impacts and reduce the areas of ancient woodland loss where reasonably practicable.

¹ The original area of loss within the Phase One Ancient Woodland Strategy contained an error in the total area of ancient woodland that was forecast to be lost at Broadwells Wood. This error included a 0.4ha area of non-ancient woodland and grassland in the total area of Broadwells Wood to be lost. This figure has been corrected in this report.

² National Planning Policy Framework (2021), Glossary defines irreplaceable habitats as: 'Habitats which would be technically very difficult (or take a very significant time) to restore, recreate or replace once destroyed, taking into account their age, uniqueness, species diversity or rarity. They include ancient woodland, ancient and veteran trees, blanket bog, limestone pavement, sand dunes, salt marsh and lowland fen'.

³ https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1070370/hs2_phase_one_anci_ent_woodland_strategy.pdf (Last accessed 17/08/22)

- 1.1.7 Where losses of ancient woodland are expected to occur, a range of compensatory measures have been proposed by HS2 Ltd, including:
 - translocation of ancient woodland soils;
 - salvage of ancient woodland soils;
 - translocation of coppice stools, bulbs and deadwood;
 - salvage of coppice stools, bulbs and deadwood;
 - new woodland creation; and
 - enhancement of existing ancient and non-ancient woodlands.
- 1.1.8 A combination of the above measures will be employed, utilising professional ecological judgement, in order to provide an appropriate level of compensation for each area of ancient woodland loss that occurs as a result of HS2. The compensation requirements for individual impacts have been considered on a site-by-site basis, taking into account the scale of the impacts of the woodland affected, before consolidating this into a suitable compensation strategy for the wider local area.
- 1.1.9 Ancient woodland soil translocation is a technique that follows established best practice (including timing and movement methods) and provides the soils the best opportunity for re-establishing within the donor site. Ancient woodland soil salvage is a technique that will follow as closely as possible what is described above by ancient woodland soil translocation whilst acknowledging that certain elements will not be conformed with (for example the timing or the works). Soil salvage will also involve provision of additional compensation measures (such as planting) to address the additional compensation needs of the site in question (determined on a site by site basis). Using the soil salvage approach provides a better use of these important soil resources that have developed over many hundreds of years compared to, for example, approaches such as the disposal of this material to landfill when soil translocation is not possible.
- 1.1.10 The location and design of habitat creation areas, including woodland planting to compensate for the loss of ancient woodland, has sought (where possible) to adhere to the key Lawton Review⁴ principles of 'Bigger, Better, More and Joined'. These principles aim to result in habitat creation areas which will also enhance and connect habitat parcels within the local area. These measures also support climate change adaptation by increasing the resilience of ecological networks.
- 1.1.11 HS2 Ltd launched the HS2 Green Corridor online mapping tool⁵ in 2020 to show how the Project is minimising and compensating for environmental impacts and the

⁴ Lawton, J.H., Brotherton, P.N.M., Brown, V.K., Elphick, C., Fitter, A.H., Forshaw, J., Haddow, R.W., Hilborne, S., Leafe, R.N., Mace, G.M., Southgate, M.P., Sutherland, W.J., Tew, T.E., Varley, J., & Wynne, G.R. (2010), Making Space for Nature: a review of England's wildlife sites and ecological network. Report to Defra.

⁵ https://www.hs2.org.uk/building-hs2/sustainability-and-environment/hs2-green-corridor/ (Last accessed 19/01/22)

progress of environmental and community projects. We have updated the HS2 Green Corridor online mapping tool in 2022 to show HS2's impact on ancient woodlands and their associated compensation on Phase One. The information pertaining to ancient woodland impacts and associated compensation measures on the HS2 Green Corridor online mapping tool will be updated annually and will include other phases of HS2 once they start construction and sufficient information is available to report on.

1.1.12 This summary report, which is required by the High Speed Rail (West Midlands – Crewe) Act 2021, looks at the background to our strategy and our work to date to reduce ancient woodland impacts. It provides information on how we have reduced impacts to ancient woodlands on Phase One since publication of the Environmental Statement to the financial year 2021/22. This report will be updated annually, in line with future publications of the HS2 Environmental Sustainability Progress Report⁶, to include other phases of HS2 once they start construction and sufficient information is available to report on. It is recommended that this document is read in conjunction with the Phase One Ancient Woodland Strategy and previous versions of this Ancient Woodland Summary Report.

⁶ High Speed Two Ltd (2021), Environmental Sustainability Progress Report.

2 Background to our ancient woodland reporting

- 2.1.1 The Phase One Ancient Woodland Strategy was published in 2017. It set out our forecast for how building HS2 would affect ancient woodlands on the route between London and the West Midlands based on the design at the time of submission of the hybrid Bill. It was followed by the Phase 2a Ancient Woodland Strategy⁷ in 2020 and the Phase 2b Western Leg Ancient Woodland Strategy in 2022⁸. These documents look at the expected effects of our work on ancient woodlands from the West Midlands to Crewe and from Crewe to Manchester respectively based on the designs at the time of submission of the hybrid Bills.
- 2.1.2 Further information on HS2 Ltd's Ancient Woodland Strategies can be found here www.gov.uk/government/publications/hs2-ancient-woodland-reports
- 2.1.3 This summary report builds on these strategies. It summarises the impact of HS2 on ancient woodlands and how this has evolved from 2017 to 2022 as the designs have developed.
- 2.1.4 As of 2022, we have only started building⁹ Phase One of HS2. For this reason, the information in this document is confined to this part of the HS2 network. We will update this document with information on subsequent phases of the railway, starting with Phase 2a between the West Midlands and Crewe, once construction starts and sufficient information is available to report on.

⁷ https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/872799/CS_Phase2aAncientW_oodlandStrategy_RD.pdf (Last accessed 17/08/22)

⁸ https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1070375/CS1716_Ancient_Woodland_Strategy.pdf (Last accessed 17/08/22)

⁹ The construction phase is defined as the period once all pre-commencement conditions have been discharged and the main civils contractors commence work. Construction does not include enabling works such as ground investigation works.

3 Changes since the Phase One Environmental Statement

- 3.1.1 The figures originally presented within the Phase One Environmental Statement were based on the design of the Project at the time of hybrid Bill submission in 2017. The design has developed significantly since then which has resulted in changes to areas required for construction and operation.
- 3.1.2 Based on the current design in 2022, there have been reductions to our forecast in the areas of ancient woodlands that will be lost due to HS2 planned works based on the current design. These changes have happened since Royal Assent was granted on Phase One.
- 3.1.3 A summary of the changes, based on our 2022 forecast as detailed in the HS2 Environmental Sustainability Progress Report, is shown in Table 1. A detailed breakdown of changes per ancient woodland is shown in Appendix 1.

Table 1: Summary of changes to the area of ancient woodland impacts on Phase One since 2017

Document reporting ancient woodland impacts	Year	Area of ancient woodland loss (ha)
Environmental Statement and Ancient Woodland Strategy	2017	29.0 ¹
Environmental Sustainability Progress Report and Ancient Woodland Summary Report (Feb 2022)	2022	23.7
Ancient Woodland Summary Report (Nov 2022)	2022	20.6

- 3.1.4 The area of ancient woodlands that we originally reported would be lost has reduced by 8.4 hectares since Phase One received Royal Assent in 2017.
- 3.1.5 As of 2022, we now forecast the total area of ancient woodlands that will be lost is approximately 20.6 hectares (including 4.6 hectares of Plantations on Ancient Woodland Sites (PAWS)) compared with 29.0 hectares (including 4.6 hectares of PAWS) as previously reported in the Environmental Statement and Phase One Ancient Woodland Strategy¹. To date, through design development, we have therefore reduced the area of ancient woodlands forecast to be impacted by nearly a third.
- 3.1.6 As of 2022, our work is now set to affect 25 ancient woodlands compared with 32 ancient woodlands previously forecast to be impacted in the Environmental Statement and the Phase One Ancient Woodland Strategy.

- 3.1.7 The reduction of 8.4 hectares includes two woodlands (totalling 2.3ha) that have been declassified and removed from the ancient woodland inventory by Natural England since the Environmental Statement and Phase One Ancient Woodland Strategy was published.
- 3.1.8 As of 2022, approximately 20.4 hectares of ancient woodland has been felled and an addition 0.2 hectares of ancient woodland is still forecast to be felled during construction.
- 3.1.9 Since 2017, HS2 Ltd have completed the necessary site surveys (such as soil and hydrogeological surveys) to inform the detailed design of the ancient woodland compensation. The design of our ancient woodland compensation has also considered HS2 Ltd's commitments made during passage of the Bill to petitioners and Parliament concerning the implementation of Phase One. These considerations resulted in changes to design and/or location of ancient woodland compensation compared to what was outlined in the Phase One Environmental Statement and Phase One Ancient Woodland Strategy.
- 3.1.10 As of 2022, the total area of new planting in response to the loss of ancient woodland that has been delivered (excluding ancient woodland soils receptor sites) is 64.1 hectares. This means 68% of the total area of compensatory planting for ancient woodland impacts has been completed to date. There is further work to be completed by our main works contractors to design and deliver the remaining areas of new planting in response to the loss of ancient woodland (excluding ancient woodland soils receptor sites), as proposed in the Phase One Environmental Statement and the Phase One Ancient Woodland Strategy.
- 3.1.11 Where impacts have been removed from an ancient woodland, the compensation measures previously outlined in the Phase One Environmental Statement and the Phase One Ancient Woodland Strategy are no longer required.
- 3.1.12 Based on the current design on Phase One, all proposed ancient woodland soils translocation and soil salvage work has been completed. Best efforts were made to relocate all ancient woodland soils where impacts occurred. However, there were instances where it was not possible to move areas of ancient woodland soils to ancient woodland soils receptor sites. Some areas of ancient woodland soils that were forecast to be translocated were deemed unsuitable for translocation on site due to factors such as waterlogging, over-compaction (footpaths), presence of nonnative plant species and topography (slope steepness). We have published a paper

- on the number of best practice and lessons learnt from the work carried out to date on ancient woodland soil translocation and salvage on HS2¹⁰.
- 3.1.13 The Phase One Environment Statement did not report any enhancement of ancient and non-ancient woodland at Ravenshaw Wood or Slaish Wood as part of our ancient woodland compensation measures. The Phase One Ancient Woodland Strategy however incorrectly reported areas of ancient and non-ancient woodland enhancement at Ravenshaw Wood and Slaish Wood (8.7 hectares of ancient woodland enhancement and 13.0 hectares of non-ancient woodland enhancement). These errors have been corrected in this document as HS2 Ltd does not have the legal powers to undertake these enhancement works as these areas of enhancement are outside of the Act limits. However, a greater area of compensatory planting is being provided in addition to the areas originally proposed within the Phase One Environmental Statement and the Phase One Ancient Woodland Strategy for the ancient woodlands where impacts remain.
- 3.1.14 The Phase One Ancient Woodland Strategy contained an error when reporting the extent of ancient woodland at Broadwells Wood. The figures and plans incorrectly showed an area of non-ancient woodland to the west of Broadwells Wood as ancient woodland, as well as showing an area of grassland south of Broadwells Wood as an area of retained ancient woodland within the Act limits. These two errors totalled 0.4 hectares. The figures provided in this report correct these issues and align with the area of Broadwells Wood denoted as ancient woodland as per Natural England's Ancient Woodland Inventory.
- 3.1.15 The revised forecast in the areas of ancient woodland losses and associated compensation shown in Table 1 and Table 2 and the total area of ancient woodland felled as reported above are based on the 2022 'as-built' data (the measurements collected after the works have been completed at each woodland). Any further changes in impacts to ancient woodlands and associated compensation will also be published in the annual Environmental Sustainability Progress Report and will be annually updated onto the HS2 Green Corridor online mapping tool.
- 3.1.16 A revised breakdown of compensation figures for each ancient woodland on Phase One is shown in Appendix 1.

¹⁰ https://learninglegacy.hs2.org.uk/document/ancient-woodland-soils-translocation/

4 The HS2 Green Corridor and Ancient Woodland reporting

- 4.1.1 HS2 Ltd have included the data on ancient woodland impacts and associated compensation on the HS2 Green Corridor online mapping tool to give people a better picture of the work we are undertaking on the ground as we build the railway.
- 4.1.2 The HS2 Green Corridor online mapping tool provides layers of detail to help stakeholders and members of the public see and better understand the effects of constructing HS2 on ancient woodlands, and how we are compensating. It shows where we have:
 - impacts on ancient woodlands;
 - reduced the impact of HS2 on ancient woodlands; and
 - made best endeavours to compensate for our work when it affects ancient woodlands, including areas of compensatory planting delivered to date, ancient woodland soil translocation, woodland enhancements and projects delivered under the HS2 Woodland Fund¹¹.
- 4.1.3 The areas of compensatory planting will be updated on the HS2 Green Corridor online mapping tool as further areas of compensatory planting are designed and delivered by our main works contractors.
- 4.1.4 The HS2 Green Corridor online mapping tool is available on our website and further information on this initiative is outlined within the accompanying prospectus https://www.hs2.org.uk/building-hs2/sustainability-and-environment/hs2-green-corridor/.

¹¹ https://www.gov.uk/guidance/hs2-woodland-fund (Last accessed: 15/08/22)

5 Consulting with our stakeholders

- 5.1.1 HS2 Ltd has worked with the Woodland Trust to develop the format for presenting our ancient woodland data on the HS2 Green Corridor online mapping tool to make sure it provides an accurate picture of our work. We have consulted with Natural England, the Woodland Trust, the Forestry Commission and the Department for Transport about our method for reporting on ancient woodlands.
- 5.1.2 The structure of this summary report and the format for presenting our ancient woodland data on the HS2 Green Corridor online mapping tool have been agreed between HS2 Ltd the Woodland Trust through a series of bilateral meetings.
- 5.1.3 We liaise with Natural England when it updates its Ancient Woodland Inventory, which identifies more than 52,000 ancient woodlands in England¹². This report and the HS2 Green Corridor online mapping tool will be updated annually in line with the HS2 Environmental Sustainability Progress Report. We also have a Service Level Agreement with Natural England which means the communication on matters like updates to the Ancient Woodland Inventory is quick.
- 5.1.4 Two woodlands relevant to the Phase One route have been removed from the Ancient Woodland Inventory¹³ by Natural England since Phase One received Royal Assent in 2017. The two woodlands are included in this report for information. However, these two woodlands and any additional woodlands that Natural England remove from the Ancient Woodland Inventory will not be included in HS2's future reporting on ancient woodlands.
- 5.1.5 We will continue to work with Natural England to identify updates to the Ancient Woodland Inventory and reflect any updates in our future reporting.

¹² Natural England Open Data, <a href="https://naturalengland-defra.opendata.arcgis.com/datasets/a14064ca50e242c4a92d020764a6d9df/explore-defra.opendata.arcgis.com/datasets/a14064ca50e242c4a92d020764a6d9df/explore-defra.opendata.arcgis.com/datasets/a14064ca50e242c4a92d020764a6d9df/explore-defra.opendata.arcgis.com/datasets/a14064ca50e242c4a92d020764a6d9df/explore-defra.opendata.arcgis.com/datasets/a14064ca50e242c4a92d020764a6d9df/explore-defra.opendata.arcgis.com/datasets/a14064ca50e242c4a92d020764a6d9df/explore-defra.opendata.arcgis.com/datasets/a14064ca50e242c4a92d020764a6d9df/explore-defra.opendata.arcgis.com/datasets/a14064ca50e242c4a92d020764a6d9df/explore-defra.opendata.arcgis.com/datasets/a14064ca50e242c4a92d020764a6d9df/explore-defra.opendata.arcgis.com/datasets/a14064ca50e242c4a92d020764a6d9df/explore-defra.opendata.arcgis.com/datasets/a14064ca50e242c4a92d020764a6d9df/explore-defra.opendata.arcgis.com/datasets/a14064ca50e242c4a92d020764a6d9df/explore-defra.opendata.arcgis.com/datasets/a14064ca50e242c4a92d020764a6d9df/explore-defra.opendata.arcgis.com/datasets/a14064ca50e242c4a92d020764a6d9df/explore-defra.opendata.arcgis.com/datasets/a14064ca50e24c4a92d020764a6d9df/explore-defra.opendatasets/a14064ca50e24c4a92d020764a6d9df/explore-defra.opendatasets/a14064ca50e24c4a92d020764a6d9df/explore-defra.opendatasets/a14064ca50e24c4a92d020764a6d9df/explore-defra.opendatasets/a14064ca50e24c4a92d020764a6d9df/explore-defra.opendatasets/a14064ca50e24c4a92d020764a6d9df/explore-defra.opendatasets/a14064ca50e24c4a92d020764a6d9df/explore-defra.opendatasets/a14064ca50e24ca

¹³ The woodlands declassified and removed from the ancient woodland inventory by Natural England are: 'Woodland along the bridleway adjacent to the landfill southeast of Calvert' and 'Woodland opposite Decoypond Wood'.

6 The HS2 Woodland Fund

- 6.1.1 HS2 Ltd have established a £5 million HS2 Woodland Fund on Phase One to support new woodland creation and PAWS restoration projects in the area 25 miles around the Phase One route on third party land. This fund provides additional compensation, beyond the mitigation measures outlined in the Environmental Statement and Ancient Woodland Strategy, for unavoidable impacts to ancient woodlands. A similar £2 million HS2 Woodland Fund on Phase 2a will be launched in late 2022/early 2023.
- 6.1.2 The HS2 Woodland Fund provides capital funding to restore and maintain PAWS sites, including restocking with native trees and shrubs, and associated items including fencing, gates and natural flood management items. It also provides capital funding for creating, protecting and maintaining new native woodland.
- 6.1.3 HS2 Ltd has a contract with Forestry Commission to design, deliver and manage the HS2 Woodland Fund on Phase One.
- 6.1.4 Table 2 provides a summary of the schemes delivered through the HS2 Woodland Fund on Phase One as of 2022.

Table 2: Summary of schemes delivered as of the end of the financial year 2021/22 through the HS2 Woodland Fund on Phase One

Number of HS2 Woodland Fund schemes completed	Total value of HS2 Woodland Fund schemes	Area of woodland creation schemes (ha)	Area of PAWS restoration schemes (ha)	Total number of trees planted
34	c. £1.4million	123.65 (c.210,000 trees)	71.95 (c. 110,000 trees)	c. 320

- 6.1.5 HS2 Ltd will continue to work with the Forestry Commission to deliver additional schemes through the HS2 Woodland Fund on Phase One to the value of £5 million.
- 6.1.6 The locations of the HS2 Woodland Fund schemes that have been delivered to date are shown on the HS2 Green Corridor online mapping tool.
- 6.1.7 Further information about the HS2 Woodland Fund on Phase One can be found here https://www.gov.uk/guidance/hs2-woodland-fund.

Appendix 1

Table 3: Detailed breakdown of changes to HS2's impact on Phase One ancient woodlands

	able 3: Detailed breakdown of changes to HS2's impact on Phase One ancient woodlands									
Ancient woodland	Area of ancient woodland (ha)	Area of anticipated direct loss of ancient woodland reported in Ancient Woodland Strategy (2017)	Updated anticipated direct loss of ancient woodland in Nov 2022 (ha)	Change in anticipated direct loss of ancient woodland (ha)	Updated area of ancient woodland that will be retained within Act limits (ha)	Updated area of receptor site for ancient woodland soils (ha)	Total area of new planting to be delivered in response to loss of ancient woodland (excluding ancient woodland soils receptor site) (ha)	Total area of new planting delivered to date in response to loss of ancient woodland (excluding ancient woodland soils receptor sites (ha)	Area of enhancement and/or restoration of ancient woodland (ha)	Area of enhancement and/or restoration non- ancient woodland (ha)
Newyear's Green Covert	2.2	-	-	-	2.2	-	-	-	-	
Pinnocks Wood	2.2	-	-	-	0.3	-	-	-	-	
Ranston Covert and Battlesford Wood	2.3	0.1	-	-0.1	0.1	-	-	-	-	
Jones' Hill Wood	1.8	0.7	0.7	-	-	0.7	4.1	3.3	-	
Woodland along the bridleway adjacent to the landfill southeast of Calvert (Sheephouse Wood) ¹⁴	N/A	1.4	-	-1.4	1.4	-	-	-	-	
Woodland opposite Decoypond Wood ¹⁴	N/A	0.9	-	-0.9	0.9	-	-	-	-	
Decoypond Wood	8.6	1.1	1.1	-	-	1.2 (combined	33.4 (combined	33.4 (combined	-	
Woodland to the south of Calvert and west of the route	0.3	0.1	0.1	-	-	provision)	provision)	provision)	-	
Woodland to the south of Calvert and east of the route	0.8	0.5	0.5	-	-				-	
Fox Covert (Whitfield)	0.6	-	-	-	-	-	-	-	-	
Mossycorner Spinney	0.5	0.3	0.3	-	-	0.3	3.6	0.0	-	
Halse Copse South	6.0	0.3	0.3	-	-	0.3	9.8	2.0	-	
Fox Covert (Glyn Davies Wood)	3.3	1.3	0.3	-1.0	1.0	0.2	7.7	<0.1 (0.01)	-	
Burnt Firs	1.4	1.1	-	-1.1	1.1	-	-	-	-	
South Cubbington	33.6	2.0 (all PAWS)	2.2 (all PAWS)	+0.2	1.0	2.1	6.7	5.3	-	
Unnamed Woodland south of the B4115 Ashow Road in Stoneleigh	1.1	0.2	0.1	-0.1	0.1	0.1	0.2	0.0	-	
Crackley Wood North, including Crackley Wood North Extension	5.6	1.0	0.7	-0.3	0.3	0.7 (combined provision)	1.5 (combined provision)	0.5 (combined provision)	-	
Birches Wood	0.6	0.6	0.4	-0.2	0.2				-	

¹⁴ Woodlands have been declassified and removed from the Ancient Woodland Inventory by Natural England since the Environmental Statement

Ancient woodland	Area of ancient woodland (ha)	Area of anticipated direct loss of ancient woodland reported in Ancient Woodland Strategy (2017)	Updated anticipated direct loss of ancient woodland in Nov 2022 (ha)	Change in anticipated direct loss of ancient woodland (ha)	Updated area of ancient woodland that will be retained within Act limits (ha)	Updated area of receptor site for ancient woodland soils (ha)	Total area of new planting to be delivered in response to loss of ancient woodland (excluding ancient woodland soils receptor site) (ha)	Total area of new planting delivered to date in response to loss of ancient woodland (excluding ancient woodland soils receptor sites (ha)	Area of enhancement and/or restoration of ancient woodland (ha)	Area of enhancement and/or restoration non- ancient woodland (ha)
Roughknowles Wood	5.0	0.4 (all PAWS)	0.3 (all PAWS)	-0.1	0.1				-	
Broadwells Wood	15.6	3.2 ¹⁵ (including 0.4ha PAWS)	2.9 (including 0.4ha PAWS)	-0.3	0.9	2.3	5.7	2.9	8.3 (enhancements proposed at Black Waste	
Black Waste Wood	11.0	0.6	0.7	+0.1	-	-	0.2	0.0	Wood as combined	
Little Poors Wood	1.4	0.2	0.2	-<0.1 (0.04)	<0.1 (0.04)	-	-	-	Provision for impacts at Broadwells Wood, Little Poors Wood and Black Waste Wood)	
Sych Wood	4.4	0.2	-	-0.2	0.2	-	-	-	-	
North Wood	7.1	1.8 (including 0.3ha PAWS)	1.4 (including 0.3ha PAWS)	-0.4	0.4	1.4	2.8	2.8	-	
Walkers Spinney	1.2	0.1	0.1	-	-	0.1	<0.1	<0.1	-	
Unnamed Copse off Drayton Lane	0.2	0.2	0.1	-0.1	0.1	0.1	0.3	0.3	-	
Roundhill Wood	4.2	1.3	1.1	-0.2	0.2	1.1 (combined	10.9 (combined	9.9 (combined	-	
Rookery	7.4	1.4	0.4	-1.0	1.0	provision)	provision)	provision)	-	
Fulfen Wood	1.0	0.4	0.4	-	0.6	0.4	0.9	0.2	-	
Little Lyntus Wood	1.4	1.4	1.3	-0.1	0.1	1.7 (combined	1.8 (combined	0.2 (combined	-	
Big Lyntus Wood	5.3	0.8 (all PAWS)	0.7 (all PAWS)	-0.1	0.1	provision)	provision)	provision)	-	
Ravenshaw Wood	7.9	1.7 (including 0.7ha of PAWS)	1.7 (including 0.7ha of PAWS)	-	-	1.7	2.7	1.0	-	
Slaish Wood	2.6	-	-	-	-	-	-	-	-	
Vicar's Coppice	7.7	0.6	-	-0.6	0.6	-	-	-	-	
John's Gorse (including Hanch Wood)	3.4	2.7	2.6	-0.1	0.1	1.1	2.3	2.3	-	
Park Hall Wood	9.216	0.4	-	-0.4	5.9 ¹⁶	-	-	-	-	
Totals		29.0 (including 4.6ha PAWS)	20.6 (including 4.6ha PAWS)	-8.4	18.9	15.5	94.6	64.1	8.3	0.0

¹⁵ Broadwells Wood extent corrected to match Natural England's Ancient Woodland Inventory. ¹⁶ Areas include Langley Hill Wood and Parkhill Wood which are unaffected by HS2.