Connectivity



Connectivity

### Site name: Leconfield Road, Nanpantan

Planning reference number: P/20/2199/2

Existing	Habitat Area (ha)	Hedgerow impact (km)	Features (km)	Biodiversity Value	Hedgerow Biodiversity Value	Biodiversity Value	_
Onsite Biodiversity Impact	1.42	0.01	0.00	6.75	0.98	0.00	1
Indirect Biodiversity Impact	0.00	0.00	0.00	0.00	0.00	0.00	ı
Total habitat / linear features impacted	1.42	0.01	0.00	6.75	0.98	0.00	C
Retained / Created / Enhanced	,						h:
Onsite biodiversity retained	0.28	0.10	0.00	1.51	0.00	0.00	ا اri
Onsite Creation	1.46	0.43	0.00	2.39	0.72	0.00	lo
Biodiversity retained and enhanced	0.03	0.00	0.00	0.20	0.00	0.00	hi
Total biodiversity retained/enhanced	1.77	0.53	0.00	4.10	0.72	0.00	jin
Trading Down	n/a	n/a	n/a	-2.18	-0.72	0.00	j <sup>a</sup> '
Biodiversity Impact	n/a	n/a	n/a	-4.83	-0.06	0.00	1

CAUTION - Destruction of habitats of high distinctiveness, e.g. lowland meadow or species-rich hedgerows, may be against local policy. Has the mitigation hierarchy been followed, can impact to these habitats be avoided?

Habitat Impacts	Loss	Gain	Impact	%age losses	Compensatory Unit loss	Indicative Offset (ha)	WCC Offset units	WCC Indicative Offset Contribution
Woodland Habitat	0.78	0.39	-0.39	11.64	-0.56	1.31	-0.56	£33,106
Grassland Habitat	4.25	1.29	-2.96	88.36	-4.27	6.41	-4.27	£143,699
Wetland Habitat	0.00	0.07	0.07					
Other Habitat (incl. Built Env)	0.12	0.75	0.63					
Total	5.15	2.50	-2.65	100.00	-4.83	7.72	-4.83	£176,805
		Trading down	-2.18					
	·		-4.83					

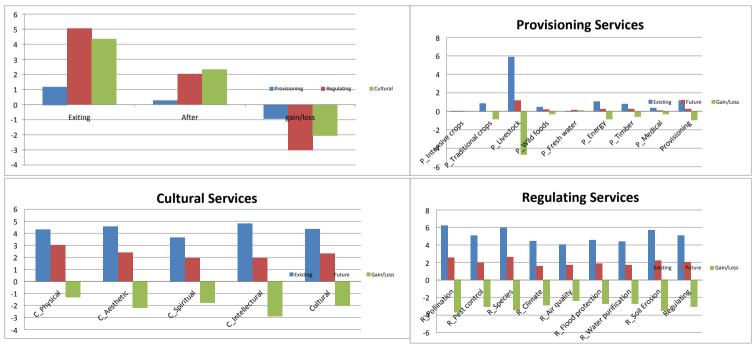
Hadraraw Immasta						Indicative	WCC Offset	WCC Offset
Hedgerow Impacts	Loss	Gain	Trading down	Impact	Unit loss	Offset (km)	units	Contribution
Hedgerow	0.06	0.72	-0.72	-0.06	-0.06	0.01	-0.06	£17,190

### SUMMARY

This development will result in -4.83 Habitat Biodiversity Units loss; -0.06 Hedgerow Units loss and 0 Connectivity Biodivesity Units loss

This loss will need to be compensated for, either through a condition or an obligation, via a 'Biodiversity Offsetting Scheme' that compensates for the each habitat and their resepective units. The Biodiversity Offsetting Scheme can be one arranged by you or by a financial contribution to Warwickshire County Council indicatively of £193995.

### **ECOSYSTEM SERVICES ANALYSIS**



For any questions with regard to biodiversity impact and this development please contact Warwickshire County Council Ecological Services: email: planningecology@warwickshire.gov.uk or telephone 01926 418060

## Warwickshire, Coventry & Solihull - Habitat Impact Assessment Calculator

KEY	
	No action required
	Enter value
	Drop-down menu
	Calculation
	Automatic lookup
	Automatic Condition setting
	Result

Local Planning Authority:	Other
Site name:	Leconfield Road, Nanpantan
Planning application reference number:	P/20/2199/2
Assessor:	Oliver Ramm; Lauri Leivers
Date:	09/11/2021

Please fill in both tables

Please do not edit the formulae or structure

To condense the form for display hide vacant rows, do not delete them

If additional rows are required, or to provide feedback on the calculator please contact WCC Ecological Services 01926
418060

		Result												_
										Habitat B	odiversity Value	)		
		Foliation babitate on elle						Habitats to I	oe retained with		e retained and		- l l4   4 -1	
		Existing habitats on site		Habitat disti	nctiveness	Habitat c	ondition		nge within		ed within		o be <u>lost</u> within	
		Please enter all habitats within the site bounda	Ty .						lopment		opment	dev	elopment	
			Habitat area											
T. No	te code	Phase 1 habitat description	(ha)		Score	Condition	Score	Area (ha)	Existing value	Area (ha)	Existing value	Area (ha)	Existing value	Comment
	10 0000	Direct Impacts and retained habitats	(110)	2.04040	A		В	C	$A \times B \times C = D$		$A \times B \times E = F$	G	A x B x G = H	
	B6	Grassland: Poor semi-improved grassland	1.00	Medium-Low	3	Poor	1	0.00	AXBX O - B	0.00	AXBXE-I	1.00	3.00	Poor Semi-Improved Grassland. Additional information including details of the condition assessment are available
-	B6		0.03	Medium-Low	3	Poor	1	0.00		0.00	0.09	1.00	3.00	
		Grassland: Poor semi-improved grassland							0.00		0.09			Poor Semi-Improved Grassland. Additional information including details of the condition assessment are available
	B6	Grassland: Poor semi-improved grassland	0.01	Medium-Low	3	Poor	1	0.01	0.03	0.00		0.10	2.70	Area of grassland near the road outside main gates of site.
	A21	Woodland: Dense continuous scrub	0.35	Medium-Low	3	Moderate	2	0.22	1.32	0.00		0.13	0.78	Dense continuous scrub, present throughout the site. Additional information including details of the condition ass
	C31	Other: Tall ruderal	0.04	Medium-Low	3	Poor	1	0.00		0.00		0.04	0.12	Tall ruderal habitat. Additional information including details of the condition assessment are available within the a
	n/a	Built Environment: Buildings/hardstanding	0.03	none	0	Poor	1	0.03	0.00	0.00				Hardstanding road
	A3	Woodland: Scattered trees	0.02	Medium	4	Moderate	2	0.02	0.16					Scattered trees on site.
	B12	Grassland: Semi-improved acidic grassland	0.25	Medium-High	5	Poor	1	0.00				0.25	1.25	
		T.	tal 1.73				Total	0.2	8 1.51	0.03	0.09	1.42	E 15	1
		I	1.73				Total	0.2	0 1.51	0.0	0.09	1.42		
											0:1 1 1:1 11:		$\Sigma D + \Sigma F + \Sigma H$	
			_								Site habitat bi	odiversity value	6.75	
		Indirect Negative Impacts							from indirect impa	icts				
	Before/afte	Including off site habitats						KxAxB						
	impa		K					= Li, Lii	Li - Lii					
	Befor													
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	Befor													
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	7 (110		tal 0.00						0.00	M			HIS = J + M	
			0.00						0.00		Habitat Impe	act Score (HIS)		
0.411										Ļ	nabitat impa	act Score (mis)	5.15	J

CAUTION - Destruction of habitats of high distinctiveness, e.g. lowland meadow or ancient woodland, may be against local policy. Has the mitigation hierarchy been followed, can impact to these habitats be avoided? Any unavoidable loss of habitats of high distinctiveness must be replaced like-for-like.

		Proposed habitats on site (Onsite mitigation)		Target habitats		Target habit				rget condition	rest	of creation / oration	Habitat biodiversity value	
lote co		Phase 1 habitat description	Area (ha)	Distinctiveness	Score	Condition	Score		Time (years)	Score	Difficulty	Score	•	Comment
		Habitat Creation	N		0		Р			Q		R	$(N \times O \times P) / Q / R$	
		Grassland: Amenity grassland	0.15	Low	2	Poor	1		3 Years	1.1	Low	1	0.27	This area is to be planted with Naturescapes N14 Flowering lawn mix (or similar). This contains a mix of na
B2	22	Grassland: Semi-improved neutral grassland	0.24	Medium	4	Moderate	2		10 years	1.4	Medium	1.5	0.91	This is to be planted with a grassland wildflower mix such as naturescapes N4 summer flowering butterfly a
A2		Woodland: Dense continuous scrub	0.07	Medium-Low	3	Moderate	2		15 years	1.7	Low	1	0.25	Mixed scrub will be managed twice per year and planted with a mix of scrub species: Hawthorn, Hazel, Bla
n/a		Built Environment: Buildings/hardstanding	0.54	none	0	Poor	1		3 Years	1.1	Low	1	0.00	This area comprises houses and roads
G		Wetland: Standing water	0.02	High	6	Poor	1		3 Years	1.1	Medium	1.5	0.07	This is the area within the proposed SUDS, likely to be standing water for much of the year and in periods
n/a		Built Environment: Gardens (lawn and planting)	0.41	Low	2	Poor	1		3 Years	1.1	Low	1	0.75	This area comprises vegetated garden
A3	3	Woodland: Scattered trees	0.03	Medium	4	Moderate	2		15 years	1.7	Low	1	0.14	Scattered trees planted throughout the site. Trees planted along the western and south-western edges of
			Total 1.4	6 ERROR - Total a	rea of habitats cre	eated must equal	total area of habi	tats lost						
		Habitat Enhancement						Existing value	e				//NivOvD\ 0\/O/D	
								S(=F)					((NxOxP)-S)/Q/R	
B2	22	Grassland: Semi-improved neutral grassland	0.03	Medium	4	Moderate	2	0.09	10 years	1.4	Low	1	0.11	Area to be retained and enhanced. This section will be planted with nature scapes N10 Woodland meadow
		1	Total 0.0	3							Trading dowr	n correction value	-2.18	
											Habitat Mitigati	ion Score (HMS)	0.32	
											3			
													HBIS = HMS - HIS	
											-14-4 Dis-11	la de la compania de		
										I Hai	JILAT BIODIVERSI	ity Impact Score	-4.83	Loss

	Loss	Gain	Impact
Woodland Habitat	0.78	0.39	-0.39
Grassland Habitat	4.25	1.29	-2.96
Wetland Habitat	0.00	0.07	0.07
Other Habitat (including Built Environment)	0.12	0.75	0.63
Total	5.15	2.50	-2.65
		Trading down	-2.18
_			-4.83

Percentage of biodiversity impact loss

# Warwickshire, Coventry & Solihull - Hedge Impact Assessment Calculator

No action required Enter value
Drop-down menu
Calculation

This sheet calculates the impacts to hedges and lines of trees in and around the

These units are not transferrable as compensation for either the Habitat or

Connectivity Impact Assessment scores.

Please do not edit the formulae or structure To condense the form for display hide vacant rows, do not delete them
If additional rows are required, or to provide feedback on the calculator please contact WCC Ecological Services

> Trading down correction value Hedge Mitigation Score (HMS)

Hedge Biodiversity Impact Score
Percentage of linear impact loss

HBIS

**-0.06** Loss

Please fill in both tables

		omatic lookup	]	Connectivity Impact Assessmen	t scores.											please contact	WCC Ecological	l Services		
	Resu	sult	J													Hedgerow Ri	iodiversity Valu	10		٦
		Existing Hedgerow features on site		Hedgerow distinctiveness				Hedger	row condition a	assessments			•	<u>retained</u> wi	features to be ith no change evelopment	Hedgerow for retained an within de	eatures to be nd <u>enhanced</u>	Hedgerow feat within dev	tures to be <u>lost</u> velopment	
			Feature		A1	A2	B1	B2	C1	C2	D1	D2	Condition							Comment
T. Note code		dgerow habitat description	length (km)	Distinctiveness Score									Score	Length (km)				Length (km)	Existing value	
H1 n/a	Direc	ect Impacts and retained features dges: species rich hedge with trees	0.03	High 6	Pass	Fail	Fail	Pass	Fail	Fail	Pass	Fail	1	0.02	0.12	0.00	AxBxE=F	G 0.01	0.06	
H2 n/a	Hedg	dges: species rich hedge with trees	0.06	High 6	Pass	Pass	Fail	Pass	Fail	Fail	Pass	Fail	2	0.06	0.72	0.00		0.01	0.00	Hedge 3. Additional information including details of the condition assessment are available within the appeal Hedge 1. Additional information including details of the condition assessment are available within the appearance.
H3 n/a	Hedg	dges: non_species rich hedge	0.02	Low 2	Pass	Pass	Fail	Pass	Fail	Fail	Pass	Fail	2	0.02	0.08	0.00				Hedge 2. Additional information including details of the condition assessment are available within the appe
						-														
						-														
		Total	0.11										Totals	0.10	0.92	0.00	0.00	0.01		5 J
																	Site Hedge	Biodiversity Value	$\sum D + \sum F + \sum H$	
	Indir	irect Negative Impacts												Value of loss fr	rom indirect impa	acts	20 1 10490		0.50	
Before/af			V											K x A x B = Li, Lii	Li - Lii					
impa Befo														- LI, LII	LI - LII					
Af	After																			
Befo																				
Befo	After fore																			
	After																			
Befo Af																				
											+									
	fore After																			
Af	AILCI																			
Af	AILCI	Total	0.00												0.00	M	Hedge Imp	act Score (HIS)	HIS = J + M	
CAUTION - De	Destruction	on of features high distinctiveness may be against local policy. Ha	as the mitigation	n hierarchy been followed, can in	npact to these hab	pitats be avoided?	?								0.00	<mark>)</mark> M	Hedge Impa	act Score (HIS)	HIS = J + M 0.06	
CAUTION - De	Destruction	on of features high distinctiveness may be against local policy. Ha of valuable habitats must be replaced like-for-like All newly plar	as the mitigation	n hierarchy been followed, can in	npact to these hab	pitats be avoided? trees.	?								0.00	M				
CAUTION - De	Destruction	on of features high distinctiveness may be against local policy. Hat of valuable habitats must be replaced like-for-like All newly plar  Proposed hedge features on site	as the mitigation	n hierarchy been followed, can in	erows idelly with to	pitats be avoided? trees.	?	Hedger	row condition a	assessments						M get condition	Difficulty	of creation /		
CAUTION - De	Destruction	on of features high distinctiveness may be against local policy. Ha of valuable habitats must be replaced like-for-like All newly plar	as the mitigation	n hierarchy been followed, can in hould be native species-rich hedg	erows idelly with to	trees.	<u> </u>										Difficulty	of creation /	0.06	
CAUTION - De Any unavoidab	Destruction able loss o	on of features high distinctiveness may be against local policy. Hat of valuable habitats must be replaced like-for-like All newly plars Proposed hedge features on site (Onsite mitigation)	as the mitigation	n hierarchy been followed, can in could be native species-rich hedg Target hedge distinctiveness	erows idelly with to	pitats be avoided? trees.	? B1	Hedger	row condition a	assessments C2	D1	D2	Condition Score		Time till tar	get condition	Difficulty rest	of creation /	Linear biodiversity	
CAUTION - De Any unavoidab	Destruction able loss of the l	on of features high distinctiveness may be against local policy. Hat of valuable habitats must be replaced like-for-like All newly plars Proposed hedge features on site (Onsite mitigation)  ase 1 habitat description	as the mitigation	n hierarchy been followed, can in hould be native species-rich hedg	erows idelly with to	trees.	<u> </u>				D1	D2	Condition Score	9	Time till tar	get condition	Difficulty rest	of creation /	Linear biodiversity value	
CAUTION - De Any unavoidab	Destruction able loss of Phas	on of features high distinctiveness may be against local policy. Hat of valuable habitats must be replaced like-for-like. All newly plars  Proposed hedge features on site (Onsite mitigation)  ase 1 habitat description  digerow Creation	as the mitigation nted hedges sh Length (km)	Target hedge distinctiveness  Distinctiveness  Score	A1	A2	В1	В2	C1	C2			Condition Score	9	Time till tar	get condition  Score	Difficulty rest	of creation /	Linear biodiversity value (N x O x P) / Q / R	Comment
T. Note code	Destruction able loss of the Phas Hedg	on of features high distinctiveness may be against local policy. Hat of valuable habitats must be replaced like-for-like All newly plans Proposed hedge features on site (Onsite mitigation)  ase 1 habitat description agerow Creation  adges: non_species rich hedge	Length (km)  N 0.07	Target hedge distinctiveness  Distinctiveness  Score  Low  2	A1 Fail	A2 Fail	B1 Pass	B2 Pass	C1 Fail	C2 Fail	Pass	Pass	Condition Score		Time till tar	get condition  Score  Q 1.2	Difficulty rest  Difficulty  Low	of creation / toration Score	Linear biodiversity value (N x O x P) / Q / R 0.12	Comment  Introduced planting throughout gardens. Likely to be hevily managed to poor condition is assumed.
CAUTION - De Any unavoidab	Destruction able loss of the Phas Hedg	on of features high distinctiveness may be against local policy. Hat of valuable habitats must be replaced like-for-like. All newly plars  Proposed hedge features on site (Onsite mitigation)  ase 1 habitat description  digerow Creation	as the mitigation nted hedges sh Length (km)	Target hedge distinctiveness  Distinctiveness  Score	A1	A2	В1	В2	C1	C2			Condition Score		Time till tar	get condition  Score	Difficulty rest	of creation / toration Score	Linear biodiversity value (N x O x P) / Q / R 0.12	Comment
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T. Note code	Phas Hedge H	on of features high distinctiveness may be against local policy. Hat of valuable habitats must be replaced like-for-like. All newly plant Proposed hedge features on site (Onsite mitigation)  ase 1 habitat description ages: non_species rich hedge adges: non_species rich hedge adges: non_species rich hedge adges: non_species rich hedge	Length (km)  N 0.07 0.36	Target hedge distinctiveness  Distinctiveness  Score  Low 2 Low 2	A1 Fail	A2 Fail	B1 Pass	B2 Pass	C1 Fail	C2 Fail	Pass	Pass	Condition Score		Time till tar	get condition  Score  Q 1.2	Difficulty rest  Difficulty  Low	of creation / toration Score	Linear biodiversity value (N x O x P) / Q / R 0.12 0.60	Introduced planting throughout gardens. Likely to be hevily managed to poor condition is assumed.  Garden hedges planted bordering gardens throughout the site. Poor condition assumed as likely to be hea
T. Note code	Phas Hedge H	on of features high distinctiveness may be against local policy. Hat of valuable habitats must be replaced like-for-like All newly plant Proposed hedge features on site (Onsite mitigation)  ase 1 habitat description adgerow Creation adges: non_species rich hedge adges: non_species rich hedge adges: non_species rich hedge	Length (km)  N 0.07 0.36	Target hedge distinctiveness  Distinctiveness  Score  Low 2 Low 2	A1 Fail	A2 Fail	B1 Pass	B2 Pass	C1 Fail	C2 Fail	Pass	Pass	Condition Score		Time till tar	get condition  Score  Q 1.2	Difficulty rest  Difficulty  Low	of creation / toration Score	Linear biodiversity value (N x O x P) / Q / R 0.12 0.60	Introduced planting throughout gardens. Likely to be hevily managed to poor condition is assumed.  Garden hedges planted bordering gardens throughout the site. Poor condition assumed as likely to be hea
T. Note code	Phas Hedge H	on of features high distinctiveness may be against local policy. Hat of valuable habitats must be replaced like-for-like. All newly plant Proposed hedge features on site (Onsite mitigation)  ase 1 habitat description ages: non_species rich hedge adges: non_species rich hedge adges: non_species rich hedge adges: non_species rich hedge	Length (km)  N 0.07 0.36	Target hedge distinctiveness  Distinctiveness  Score  Low 2 Low 2	A1 Fail	A2 Fail	B1 Pass	B2 Pass	C1 Fail	C2 Fail	Pass	Pass	Condition Score	Existing value S ( = F )	Time till tar	get condition  Score  Q 1.2	Difficulty rest  Difficulty  Low	of creation / toration Score	Linear biodiversity value (N x O x P) / Q / R 0.12	Introduced planting throughout gardens. Likely to be hevily managed to poor condition is assumed.  Garden hedges planted bordering gardens throughout the site. Poor condition assumed as likely to be hea
T. Note code	Phas Hedge H	on of features high distinctiveness may be against local policy. Hat of valuable habitats must be replaced like-for-like. All newly plant Proposed hedge features on site (Onsite mitigation)  ase 1 habitat description ages: non_species rich hedge adges: non_species rich hedge adges: non_species rich hedge adges: non_species rich hedge	Length (km)  N 0.07 0.36	Target hedge distinctiveness  Distinctiveness  Score  Low 2 Low 2	A1 Fail	A2 Fail	B1 Pass	B2 Pass	C1 Fail	C2 Fail	Pass	Pass	Condition Score		Time till tar	get condition  Score  Q 1.2	Difficulty rest  Difficulty  Low	of creation / toration Score	Linear biodiversity value (N x O x P) / Q / R 0.12 0.60	Introduced planting throughout gardens. Likely to be hevily managed to poor condition is assumed.  Garden hedges planted bordering gardens throughout the site. Poor condition assumed as likely to be hea
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T. Note code	Phas Hedge H	on of features high distinctiveness may be against local policy. Hat of valuable habitats must be replaced like-for-like. All newly plant Proposed hedge features on site (Onsite mitigation)  ase 1 habitat description ages: non_species rich hedge adges: non_species rich hedge adges: non_species rich hedge adges: non_species rich hedge	Length (km)  N 0.07 0.36	Target hedge distinctiveness  Distinctiveness  Score  Low 2 Low 2	A1 Fail	A2 Fail	B1 Pass	B2 Pass	C1 Fail	C2 Fail	Pass	Pass	Condition Score		Time till tar	get condition  Score  Q 1.2	Difficulty rest  Difficulty  Low	of creation / toration Score	Linear biodiversity value (N x O x P) / Q / R 0.12 0.60	Introduced planting throughout gardens. Likely to be hevily managed to poor condition is assumed.  Garden hedges planted bordering gardens throughout the site. Poor condition assumed as likely to be hea
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T. Note code	Phas Hedge H	on of features high distinctiveness may be against local policy. Hat of valuable habitats must be replaced like-for-like. All newly plant Proposed hedge features on site (Onsite mitigation)  ase 1 habitat description ages: non_species rich hedge adges: non_species rich hedge adges: non_species rich hedge adges: non_species rich hedge	Length (km)  N 0.07 0.36	Target hedge distinctiveness  Distinctiveness  Score  Low 2 Low 2	A1 Fail	A2 Fail	B1 Pass	B2 Pass	C1 Fail	C2 Fail	Pass	Pass	Condition Score		Time till tar	get condition  Score  Q 1.2	Difficulty rest  Difficulty  Low	of creation / toration Score	Linear biodiversity value (N x O x P) / Q / R 0.12 0.60	Introduced planting throughout gardens. Likely to be hevily managed to poor condition is assumed.  Garden hedges planted bordering gardens throughout the site. Poor condition assumed as likely to be hea

No action required Action required
Drop-down menu
Calculation Automatic lookup Overall Gain Overall Loss

# Warwickshire Coventry and Solihull - Connectivity Impact Assessment [optional] Please fill in both tables Please do not edit the formulae or structure To condense the form for display hide vacant Connectivity Features This sheet gives and indication as to whether the development will enhance connectivity thorugh or around the site. rows, do not delete them If additional rows are required, or to provide feedback on the calculator please contact WCC Ecological Services These units are not transferrable as compensation for either the Habitat or Hedgerow Impact Assessment scores. Connectivity features to be lost within development ΣD + ΣF + ΣH After Before After Before After Before After After CIS = J + M Connectivity Impact Score (CIS) Proposed linear features on site (Onsite mitigation) Target Connectivity distinctiveness Difficulty of creation Target Connectivity condition Time till target condition Connectivity iodiversity value (N x O x P) / Q / R restoration Connectivity Enhancement Existing value S ( = F ) rading down correction value vity Mitigation Score (CMS)

### Habitat trading down correction calculator

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Existing Site						T
Existing habitat	Area of habitat impact	Distinctiveness	High distinctiveness habitat loss biodiversity value			Medium-Low distinctiveness habitat loss biodiversity value
Direct impacts						
Grassland: Poor semi-improved grassland	1.00	Medium-Low	0.00	0.00	0.00	3.00
Grassland: Poor semi-improved grassland		Medium-Low	0.00	0.00	0.00	
Grassland: Poor semi-improved grassland		Medium-Low	0.00	0.00	0.00	
Woodland: Dense continuous scrub	0.13	Medium-Low	0.00	0.00	0.00	0.78
Other: Tall ruderal	0.04	Medium-Low	0.00	0.00	0.00	0.12
Built Environment: Buildings/hardstanding		none	0.00	0.00	0.00	0.00
Woodland: Scattered trees		Medium	0.00	0.00		0.00
Grassland: Semi-improved acidic grassland	0.25	Medium-High	0.00	1.25	0.00	0.00
-			0.00	0.00	0.00	0.00
-			0.00	0.00	0.00	0.00
-			0.00	0.00	0.00	0.00
-			0.00	0.00	0.00	0.00
-			0.00	0.00	0.00	0.00
-			0.00	0.00	0.00	0.00
-			0.00	0.00	0.00	0.00
-			0.00	0.00	0.00	0.00
-			0.00	0.00	0.00	0.00
-			0.00	0.00	0.00	0.00
-			0.00	0.00	0.00	0.00
-			0.00	0.00	0.00	0.00
-			0.00	0.00	0.00	0.00
-			0.00	0.00	0.00	0.00
-			0.00	0.00	0.00	0.00
-			0.00	0.00	0.00	0.00
-			0.00	0.00	0.00	0.00
			0.00	0.00	0.00	0.00
			0.00	0.00	0.00	0.00
-			0.00	0.00	0.00	0.00
-			0.00	0.00	0.00	0.00
-			0.00	0.00	0.00	0.00
Indirect impacts						
	-		0.00	0.00	0.00	0.00
•	-		0.00	0.00	0.00	0.00
•	-		0.00	0.00	0.00	0.00
	-		0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00
TOTAL	1.42		0.00	1.25	0.00	3.90

Proposed Site

Proposed Site						
Proposed habitat creation	Area of habitat creation	Distinctiveness	High distinctiveness proposed biodiversity value	Medium-High distinctiveness proposed biodiversity value	Medium distinctiveness proposed biodiversity value	Medium-Low distinctiveness proposed biodiversity value
Grassland: Amenity grassland	0.15	Low	0.00	0.00	0.00	0.00
Grassland: Semi-improved neutral grassland	0.24	Medium	0.00	0.00	0.91	0.00
Woodland: Dense continuous scrub	0.07	Medium-Low	0.00	0.00	0.00	0.25
Built Environment: Buildings/hardstanding	0.54	none	0.00	0.00	0.00	0.00
Wetland: Standing water	0.02	High	0.07	0.00	0.00	0.00
Built Environment: Gardens (lawn and planting)	0.41	Low	0.00	0.00	0.00	0.00
Woodland: Scattered trees	0.03	Medium	0.00	0.00	0.14	0.00
-	-		0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00
Proposed habitat enhancement	Area	Distinctiveness	High	Medium-High	Medium	Medium-Low
Grassland: Semi-improved neutral grassland	0.03	Medium	0.00	0.00	0.11	0.00
-	-		0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00
-	-		0.00	0.00	0.00	0.00
-	- 1.10		0.00	0.00	0.00	0.00
TOTA	L 1.49		0.07	0.00	1.16	0.25

Trading Down Correction	High	Medium-High	Medium	Medium-Low
Value of existing habitat loss per distinctiveness	0.00	1.25	0.00	3.90
Value of created habitats per distinctiveness	0.07	0.00	1.16	0.25
Would this result in trading down habitats?	Never	No	Yes	No
If no, value each distinctiveness still requiring compensation	0	1.18	0	3.65
Surplus gain to be carried over to compensate loss of lower habitats (rolls over)	0.07	0	0	0
Trading down correction value	n/a	0	-1.16	0

This calculator assess whether there is any down trading in habitats value. E.g. loss of high distinctiveness habitat cannot be compensated for by surpluss medium mitigation. It calculates value which enters into the primary calculator to take this into account. Such that the full level of high habitat loss compensation is required. However if additional medium gain is gen value of the high loss, this surplus is still be taken into account with on site gain.

CAUTION - Destruction of habitats of high distinctiveness, e.g. lowland meadow or ancient woodland, may be against local policy. Has the mitigation hierarchy been followed, can impact to these habitats be avoided?

Any unavoidable loss of habitats of high distinctiveness must be replaced like-for like.

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Ev	icti	na	Site

Existing Hedgerow features	length of loss (km)	Distinctiveness	High distinctiveness Hedgerow loss biodiversity value	Medium-High distinctiveness Hedgerow loss biodiversity value	Medium distinctiveness Hedgerow loss biodiversity value	Medium-Low distinctiveness Hedgerow loss biodiversity value	Low distinctiveness Hedgerow loss biodiversity value	
Direct impacts								
Hedges: species rich hedge with trees	0.03	High	0.06	0.00	0.00	0.00	0.00	
Hedges: species rich hedge with trees	0.06	High		0.00	0.00	0.00	0.00	
Hedges: non_species rich hedge	0.02	Low	0.00	0.00	0.00	0.00		
-	0.00		0.00	0.00	0.00	0.00	0.00	
-	0.00		0.00	0.00	0.00	0.00	0.00	
-	0.00		0.00	0.00	0.00	0.00	0.00	
-	0.00		0.00	0.00	0.00	0.00	0.00	
-	0.00		0.00	0.00	0.00	0.00	0.00	
-	0.00		0.00	0.00	0.00	0.00	0.00	
-	0.00		0.00	0.00	0.00	0.00	0.00	
-	0.00		0.00	0.00	0.00	0.00	0.00	
-	0.00		0.00	0.00	0.00	0.00	0.00	
-	0.00		0.00	0.00	0.00	0.00	0.00	
-	0.00		0.00	0.00	0.00	0.00	0.00	
-	0.00		0.00	0.00	0.00	0.00	0.00	
-	0.00		0.00	0.00	0.00	0.00	0.00	
-	0.00		0.00	0.00	0.00	0.00	0.00	
-	0.00		0.00	0.00	0.00	0.00	0.00	
-	0.00		0.00	0.00	0.00	0.00	0.00	
-	0.00		0.00	0.00	0.00	0.00	0.00	
-	0.00		0.00	0.00	0.00	0.00	0.00	
-	0.00		0.00	0.00	0.00	0.00	0.00	
-	0.00		0.00	0.00	0.00	0.00	0.00	
-	0.00		0.00	0.00	0.00	0.00	0.00	
<u>-</u>	0.00		0.00	0.00	0.00	0.00	0.00	
<u>-</u>	0.00		0.00	0.00	0.00	0.00	0.00	
-	0.00		0.00	0.00	0.00	0.00	0.00	
-	0.00		0.00	0.00	0.00	0.00	0.00	
<u>-</u>	0.00		0.00	0.00	0.00	0.00	0.00	
-	0.00		0.00	0.00	0.00	0.00	0.00	
Indirect impacts								
-	-		0.00	0.00	0.00	0.00	0.00	
<u>-</u>	-		0.00	0.00	0.00	0.00	0.00	
<u>-</u>	-		0.00	0.00	0.00	0.00	0.00	
<u>-</u>	-		0.00	0.00	0.00	0.00	0.00	
-	-		0.00	0.00	0.00	0.00	0.00	
TOTAL	0.11		0.06	0.00	0.00	0.00	0.00	

### **Proposed Site**

Proposed hedgerow creation	Length of feature (km)	Distinctiveness	High distinctiveness proposed Hedgerow biodiversity value	Medium-High distinctiveness proposed Hedgerow biodiversity value	Medium distinctiveness proposed Hedgerow biodiversity value	Medium-Low distinctiveness proposed Hedgerow biodiversity value	Low distinctiveness proposed Hedgerow biodiversity value
Hedges: non_species rich hedge	0.07	Low	0.00	0.00	0.00	0.00	0.12
Hedges: non_species rich hedge	0.36	Low	0.00	0.00	0.00	0.00	0.60
-	0.00		0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
<u>-</u>	0.00		0.00	0.00	0.00	0.00	0.00
<u>-</u>	0.00		0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
-			0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
Proposed hedgerow enhancement	Length	Distinctiveness	High	Medium-High	Medium	Medium-Low	Low
-	0.00						0.00
-	0.00						0.00
-	0.00						0.00
-	0.00						0.00 0.00
-	0.00						0.00
	0.00						0.00
<u> </u>	0.00						0.00
<u> </u>	0.00						0.00
	0.00						0.00
	0.00						0.00
	0.00						0.00
-	0.00						0.00
	0.00						0.00
-	0.00						0.00
TOTAL	0.43		0.00	0.00	0.00	0.00	0.72

Hedgerow trading down correction	High	Medium-High	Medium	Medium-Low	Low	
Value of existing habitat loss per distinctiveness	0.06	0.00	0.00	0.00	0.00	
Value of created habitats per distinctiveness	0.00	0.00	0.00	0.00	0.72	
Would this result in trading down habitats?	Never	No	No	No	Yes	
If no, value each distinctiveness still requiring compensation	0.06	0	0	0	0	
Surplus gain to be carried over to compensate loss of lower habitats (rolls over)	0	0	0	0	n/a	Total
Trading down correction value	n/a	0	0	0	-0.72	-0.72

This calculator assess whether there is any down trading in Hedgerow habitats. E.g. loss of high distinctiveness habitat and surplus creation of medium or low habitats. It calculates a correction value which enters into the primary calculator to take this into account. Such that the full level of high habitat loss compensation is required. However if additional medium gain is generated above the value of the high loss, this surplus is still be taken into account with on site gain.

#### Linear trading down correction calculator

	Sit

Existing Site							
	length of		High distinctiveness	Medium-High	Medium	Medium-Low	Low distinctiveness
Existing linear features	loss (km)	Distinctiveness	linear loss biodiversity		distinctiveness linear	distinctiveness linear	linear loss biodiversi
	1000 (1011)		value	loss biodiversity value	loss biodiversity value	loss biodiversity value	value
Direct impacts							
-			0.00		0.00	0.00	0.00
-			0.00		0.00	0.00	0.00
-			0.00		0.00	0.00	0.00
-			0.00		0.00	0.00	0.00
-			0.00	0.00	0.00	0.00	0.00
-			0.00		0.00	0.00	0.00
-			0.00		0.00	0.00	0.00
-			0.00		0.00	0.00	0.00
-			0.00		0.00	0.00	0.00
-			0.00		0.00	0.00	0.00
-			0.00	0.00	0.00	0.00	0.00
-			0.00		0.00	0.00	0.00
-			0.00		0.00	0.00	0.00
-			0.00		0.00	0.00	0.00
-			0.00		0.00	0.00	0.00
-			0.00		0.00	0.00	0.00
-			0.00		0.00	0.00	0.00
-			0.00		0.00	0.00	0.00
-			0.00		0.00	0.00	0.00
-			0.00		0.00	0.00	0.00
-			0.00		0.00	0.00	0.00
-			0.00		0.00	0.00	0.00
-			0.00	0.00	0.00	0.00	0.00
-			0.00		0.00	0.00	0.00
-			0.00	0.00	0.00	0.00	0.00
-			0.00		0.00	0.00	0.00
-			0.00		0.00	0.00	0.00
-			0.00		0.00	0.00	0.00
-			0.00	0.00	0.00	0.00	0.00
-			0.00	0.00	0.00	0.00	0.00
ndirect impacts							
-	-		0.00	0.00	0.00	0.00	0.00
-	-		0.00		0.00	0.00	0.00
-	-		0.00		0.00	0.00	0.00
-	-		0.00		0.00	0.00	0.00
-	-		0.00		0.00	0.00	0.00
TOTAL	0.00		0.00	0.00	0.00	0.00	0.00

ronosad	Sito

Proposed linear creation	Length of feature (km)	Distinctiveness	High distinctiveness proposed linear biodiversity value	Medium-High distinctiveness proposed linear biodiversity value	Medium distinctiveness proposed linear biodiversity value	Medium-Low distinctiveness proposed linear biodiversity value	Low distinctiveness proposed linear biodiversity value
-	0.00		0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
	0.00		0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
Proposed linear enhancement	Length	Distinctiveness	High	Medium-High	Medium	Medium-Low	Low
-	0.00		0.00	0.00	0.00	0.00	0.00
	0.00		0.00		0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
	0.00		0.00	0.00	0.00	0.00	0.00
	0.00		0.00		0.00	0.00	0.00
-	0.00		0.00		0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
			0.00	0.00	0.00	0.00	0.00
-	0.00		0.00	0.00	0.00	0.00	0.00
- -	0.00		0.00		0.00	0.00	0.00

Linear trading down correction	High	Medium-High	Medium	Medium-Low	Low	
Value of existing habitat loss per distinctiveness	0.00	0.00	0.00	0.00	0.00	
Value of created habitats per distinctiveness	0.00	0.00	0.00	0.00	0.00	
Would this result in trading down habitats?	Never	No	No	No	No	
If no, value each distinctiveness still requiring compensation	0	0	0	0	0.00	
Surplus gain to be carried over to compensate loss of lower habitats (rolls over)	0	0	0	0	n/a	Total
Trading down correction value	n/a	0	0	0	0	0.00

This calculator assess whether there is any down trading in linear habitats. E.g. loss of high distinctiveness habitat and surplus creation of medium or low habitats. It calculates a correction value which enters into the primary calculator to take this into account. Such that the full level of high habitat loss compensation is required. However if additional medium gain is generated above the value of the high loss, this surplus is still be taken into account with on site gain.

						Preset Time to	Preset	Difficulty		Preset Time to		111/2: 11 11/1/2						
Phase 1 Habitat Type  Built Environment: Buildings/hardstanding	Phase 1 Habitat Codes	<b>Distinctiveness</b> none	0	Difficulty of creation	1	Target Condition (Moderate)	Time to Target Condition (Good) n/a	of restoratio n	1	Target Condition (Moderate)	Preset Time to Target Condition (Good)	•		/ NVC	Habitat Definition	Notes	Condition Assessment  Classify as poor condition	Habitat creation/restotation timescales
Built Environment: Gardens (lawn and planting)	n/a	Low		Low	1	n/a	n/a	Low	1	n/a	n/a	Not a priority habitat	Not a priority habitat		Include all stands which do not obviously originate from planting. Both ancient and more recent stands are included. Woodland where more than 30% is planted should be classified as plantation. However,		Classify as poor condition  Use FEP T08 condition assessment	0-5 years  Planted native woodlands will be about 120 years old before they can be considered semi-natural and should be composed of locally native species and have semi-natural woodland ground flora and shrub communities (Phase 1 Survey
Woodland: Broad-leaved semi-natural woodland	A111	High	6	n/a	-	n/a	n/a	Low	1	W_in_P	W_in_P	Lowland mixed deciduous woodland	Woodland		mature plantations (more than about 120 years old) of locally native species where there are semi-natural woodland ground flora and shrub communities should be classified as semi-natural (NCC, 1990). See Phase 1 Survey Handbook for definition of woodland types included in semi-natural category.			Handbook, NCC 1990) therefore cannot be created on timescales used in BIA.  Timescales for the restoration of existing semi-natural woodland will depend on reasons for unfavourable condition. Timescales for restoration will depend on reasons for unfavourable condition (see condition assessment) and management required to improve condition.
Woodland: Broad-leaved plantation	A112	Medium	4	Medium	1.5	32+ years	n/a	Low	1	W_in_P	W_in_P	Not a priority habitat	Not a priority habitat	Some forms of W8, W10, W16 or non NVC	Obviously planted woodland with no more than 10% of the canopy made up of conifer trees (NCC, 1990). See Phase 1 Survey Handbook for exceptions. The category includes recent stands (i.e less than about 120 years) planted with locally native trees.  The phase 1 handbook does not define a minimum size but the		Use T08 even though this habitat does not meet strict FEP definition for use with T08.	It is likely to take more than 100 years before the planted woodlands approach good condition e.g. with an age and structural diversity including canopy, understory and field layer that supports plants, insect, mammal and bird species typical of native woodlands. For these reasons, aim for moderate condition in 32+
Woodland: Coniferous semi-natural woodland	A121	Medium	4	n/a	_	n/a	n/a	Low	1	n/a	n/a	Native pine woodland (Scotland only). Yew stands are inclued in the lowland beech an		W13, W18	National Inventory of Woodland and Trees defines woodland as having a minimum area of 0.5ha and a minimum width of 20m.	This woodland type s not found in Warwickshire	Use T08 even though this habitat does not meet strict FEP definition for use with T08.	years. The minimum woodland size for Countryside Stewardship woodland creation grants is 0.5 hectares and must have a minimum width of 20 metres.
		Low			1.5						,	yew woodland plan and upland mixed ashwood plan.	Not a priority	Some forms of W10, W16 or	Obviously planted woodland with no more than 10% of the canopy made up of broadleaved trees (NCC, 1990). See Phase 1 Survey		Classify as poor condition	
Woodland: Coniferous plantation  Woodland: Mixed semi-natural woodland	A122	Medium	4	Medium n/a	-	n/a n/a	n/a n/a	Low	1	n/a W_in_P	W_in_P	Not a priority habitat  Lowland mixed deciduous woodland	habitat	non NVC	Handbook for exceptions. Typical trees species include larch ( <i>Larix</i> spp), pine ( <i>Pinus</i> spp) and spruce ( <i>Picea</i> spp).  Woods that do not obviously originate from planting (see Phase 1 Survey Handbook for exceptions) with a canopy made up of between ten and ninety percent of either broadleaved and coniferous trees		Use FEP T08 condition assessment	n/a
Woodland: Mixed plantation	A132	Low	2	Medium	1.5	32+years	n/a	Low	1	W_in_P	W_in_P	Not a priority habitat	Not a priority habitat		(NCC, 1990).  Obviuosly planted with 10-90% of either broadleaved or conifer trees in the canopy (NCC, 1990). See Phase 1 Survey Handbook for exceptions.		Use T08 even though this habitat does not meet strict FEP definition for use with T08.	It is likely to take more than 100 years before the planted woodlands approach good condition e.g. with an age and structural diversity including canopy, understory and field layer that supports plants, insect, mammal and bird species typical of native woodlands. Target condition should be moderate in 32+ years.
Woodland: Wet woodland	n/a	High	6	Medium	1.5	32+years	n/a	Medium	1.5	W_in_P	W_in_P	Wet woodland	Woodland	W1 - W7	Wet woodlands are found on poorly drained or seasonally wet soils. They are commonly found on floodplains, alongside rivers and stream, on fens and in damper areas of other woodland types. Alder, birch and willows are usually the dominant tree species.  A block of scrub is dominated by the shrub species less than five metres tall. It may have a few scattered trees but there will be no	Wet woodland is scarce in the County.  Scrub is often part of mosaic with other habitats. Its conservation value can be variable,	Use FEP T08 condition assessment  Use condition assessment V05 for scrub, even if the scrub does not meet the FEP	Scrub of high conservation value contains a range of shrub species (at least 3) with mixed age structure, has a complex vertical and horizontal structure i.e. variation in
Woodland: Dense continuous scrub	A21	Medium-Low	3	Low	1	10 years	15 years	Low	1	W_in_P	W_in_P	Not a priority habitat	Not a priority habitat	W21-24	recognisable canopy. To be dense or continuous, the scrub cover	and is often seen as of low value due to low botanical species diversity. However, it can be	definition of high environmental value scrub.	physical structure, age range and spacing, has many clearings and glades giving a high boundary/area ratio, a well developed edge with ungrazed tall herbs, and supports a range of rare/local invertebrates. Scrub typically matures in 15 years (RSPB), so it should be possible to create good quality scrub in 15 years with suitable management e.g. rotational cutting that achieves the above conditions.
															As above but scrub cover is less than thirty percent.	mammals and birds.  Scattered scrub occurs in association with other semi-natural habitats, frequently occurring as a	even if the scrub does not meet the FEP	Scrub of high conservation value contains a range of shrub species (at least 3) with mixed age structure, has a complex vertical and horizontal structure i.e. variation in
Woodland: Scattered scrub	A22	Medium	4	Low	1	10 years	15 years	Low	1	W_in_P	W_in_P	Not a priority habitat	Not a priority habitat	W21-24		mosaic with grassland or early uccessional communities, and often having occasional scattered trees. The presence of scattered scrub can add to a sites ecological interest. Where scrub is part of a habitat mosaic, for example with grassland, the habitat with the	definition of high environmental value scrub.	physical structure, age range and spacing, has many clearings and glades giving a high boundary/area ratio, a well developed edge with ungrazed tall herbs, and supports a range of rare/local invertebrates. Scrub typically matures in 15 years (RSPB), so it should be possible to create good quality scrub in 15 years with suitable management e.g. rotational cutting that achieves the above conditions.
													Not a priority		Habiat that is neither woodland or scrub, but have trees present. Tree cover must be less than thirty percent. However, most examples of planted trees over amenity grassland should be included in this	higher distinctiveness score should automatically be entered in the BIA.	No FEP condition assessment. See next column for important attributes.	The ecological value of scattered trees will depend on the tree species (species such as oak, birch, hawthorn and willows are most valuable), age (large, mature trees have higher value), location (the proximity of other habitats that add habitat,
Woodland: Scattered trees	A3	Medium	4	Low	1	32+ years	n/a	Low	1	W_in_P	W_in_P	Not a priority habitat	Not a priority habitat		category even where tree cover exceeds 30%  This category is for Wood Pasture and Parkland Priority	Where a parcel of land has more than one habitat e.g. scatterd trees on grassland, the habitat with the higher distinctiveness score should be entered.  This habitat is typical of large estates with a	Use FEP T03 condition assessment	species and structural diversity), the presence of features such as decay, loose bark, dense ivy cover etc. It takes decades for these features to develop.  Timecales for restoration will depend on reasons for current condition and
Woodland: Broad-leaved parkland	A31	High	6	Medium	1.5	n/a	n/a	Low	1	W_in_P	W_in_P	Wood-pasture and parkland	Old parkland & veteran trees	Range of NVC types	Habitat/Habitat of Principle Importance only. Wood-pasture and parkland is not defined by any particular type(s) of vegetation, NVC types, or Phase 1 habitat types. Instead they are mosaic habitats valued for their trees, especially veteran and ancient trees, and the plants and animals that they support (LBAP).	history of traditional management e.g. grazing by cattle or deer, but can also be found in cemeteries and churchyards. Such sites can often be important due to the presence of large numbers of mature trees and can also have historie, cultural and landagene importance.		management required to improve condition. Reasons for unfavourable condition may include e.g. loss of old trees (disease, root damage, soil compaction, felling) lack of replacement trees, lack of standing and fallen deadwood (removed for safety reasons, over-tidying), inappropriate management e.g. intensive grazing levels.
Woodland: Coniferous parkland Woodland: Recently felled woodland	A32 A4	Medium Low		Medium n/a	1.5	n/a n/a	n/a n/a	Low n/a	1 -	W_in_P n/a	W_in_P n/a	Not a priority habitat  Not a priority habitat	n/a Not a priority habitat		Parklands with introduced exotic trees such as cedar (Cedrus spp).  Only include areas where future land use is uncertain, e.g., if it is not clear whether they are to be replanted.  This category is for Traditional Orchards Priority Habitat/Habitats of Principal Importance only. Intensively managed orchards are not	historic, cultural and landscape importance.	Classify as poor condition  Use FEP T15 or PTES (Peoples Trust for Endangered Species) condition assessment	n/a  The PTES condition assessment has 3 condition categories: excellent (established, mixed ages of tree, grazed, standing and fallen deadwood), good/fair (includes
Woodland: Orchard	A5	High	6	Low	1	W_in_P	W_in_P	Low	1	W_in_P	W_in_P	Traditional orchard	Orchards	Range of NVC types	included. Tradition orchards are defined as groups of fruit and nut trees planted on vigorous rootstocks at low densities in permanent grassland and managed in a low intensity way. The minumum size of a traditional orchard is defined as at least five trees with crown edges less than 20m apart. Orchards are a mosaic habitat containing fruit		(see PTES/NE Project Report NECR077)	newly planted or young orchards that are mown, they lack good deadwood habitat and the mature trees that can provide it naturally), poor (gappy, no new trees, scrubbed over, trees damaged). Newly planted orchards can therefore be in moderate (i.e PTES good/fair) condition in 5-10 years provided assocatied habitats e.g. wildflower grassland, hedges, scrub, deadwood logpiles etc are incorporated.
															trees, deadwood, pasture or meadow, scrub, hedgerows, ponds etc. Prime examples support a diversity of vascular plants, bryophytes, lichens, fungi, vertebrates and invertebrates including BAP species, nationally rare and scarce species.			It will take a lot longer to achieve good condition i.e. trees of varying age, standing and fallen deadwood etc. See PTES website and Natural Englands Technical information notes (TIN12 to 21) for advice on planting, species and varities, wildlife, location, rootstocks etc), also Countryside Stewardship, Creation of traditional orchards option BE5.
Grassland: Unimproved acidic grassland	B11	High	6	Medium	1.5	n/a	n/a	Low	1	W_in_P	W_in_P	Lowland dry acid grassland	Acid grassland	U1-U4	Lowland acid grassland typically occurs on nutrient poor, free-draining soils of low pH (<5.5). Acid grasslands are characteristically species poor with typical species that include fine-leaved grasses such as common bent, sheep's fescue, mat-grass and wavy hair-grass and forbs such as heath bedstraw, tormentil and sheep's sorrel. Although species-poor compared to other semi-natural grasslands, it contains	Lowland acid grasslands are very rare in Warwickshire sub region. The HBA (2012) recorded a total resource of 72.7ha (2.4ha unimproved and 70.3ha semi-improved). It is mainly associated with heathland, woodland or post-industrial sites. They are largely confined	Use FEP G05 condition assessment	Unimproved grasslands cannot be recreated, at least not on timesacles used in the BIA metric. It is possible to create BAP quality grasslands that resemble old unimproved grasslands but these classified as semi-improved - see below.
															species-poor compared to other semi-natural grasslands, it contains important communities with species that are rare in the region.  Improvement reduces the acid character of the grassland and semi-improved acid grasslands will contain a mesotrophic species element	post-industrial sites. They are largely confined to the acid glacial soils in the north of the County on the Midlands Plateau Natural Area where they persist as fragments.  See above	Use FEP G05 condition assessment	A review of agri-environment schemes (5 sites) found it is possible to create/restore lowland dry acid grassland PH within 10-20 years. One site created (20 years ago)
Grassland: Semi-improved acidic grassland	B12	Medium-High	5	Medium	1.5	15 years	W_in_P	Low	1	W_in_P	W_in_P	Lowland dry acid grassland	Acid Grassland	U1-U4	(such as white clover, yarrow, common mouse-ear, perennial rye- grass, Yorkshire fog) but in practice, it can be difficult to separate unimproved and semi-improved grasslands.			on a field of free draining sand has a well established U1c grassland in good condition. The 4 restored sites were in moderate (3 sites) or good (1 site) condition over timescales of 10-20 years by reinstatement of management e.g, grazing, tree/shrub clearance. See attached guidance for details.
													Neutral	MG4, MG5,	fertilizers, slurry and herbicides. They are the product of a long history of traditional management such as hay making (meadows) or low intensity grazing (pastures) over many decades. Species diversity is	the sub region. The HBA recorded 174ha in 2017. SSSIs account for 73ha (40%) of this total. Outside of SSSIs remnant unimproved grasslands are generally small and highly	Use FEP G06 condition assessment	Studies (see attached guidance) give timescale trajectories of many decades for the recreation of unimproved neutral grassland. It is possible to create grasslands that superficially resemble species-rich grasslands (see below) but these will not have the natural vegetation patterns, full range of plant species and undisturbed soil fuana and flora of unimproved grasslands.
Grassland: Unimproved neutral grassland	B21	High	6	Medium	1.5	n/a	n/a	Low	1	W_in_P	W_in_P	Lowland meadow	Neutral grassland	MG4, MG5, MG8	often high (but where neglected can be rank) and can include rare or scarce plants such as green-winged orchid, dyer's greenweed, pepper saxifrage and adder's tongue fern. They also support a diverse fauna, especially invertebrate species.	orchards, woodland rides, churchyards, as fragments of remnant old grassland that have escaped intensification e.g. within or on the edge of urban areas. Many of these are		
															agricultural improvement such as fertilizer application, use of herbicide, intensive grazing or drainage but are typically not subject to regular reseeding (improved grasslands). Semi-improved grasslands	designated as Local Wildlife Sites.  Species-rich semi-improved grassland is more widespread in the sub region than unimproved grassland but still scarce. Species diversity will be lower than unimproved grasslands but still of	Use FEP G06 condition assessment	Evidence from agri-environment schemes (Wilson et al - see attached guidance) show that it is possible to create/restore lowland meadow PH of moderate to good quality typically in 8-15 years. Careful site selection (e.g. low soil nutrient levels) and suitable management (e.g. cutting and grazing) are important. Low frequency
Grassland: Semi-improved neutral grassland	B22	Medium	4	Medium	1.5	15 years	W_in_P	Low	1	15 years	W_in_P	Lowland meadow	Neutral grassland	MG1, MG6, MG4, MG5	cover a very broad range of grassland quality from almost unimproved (species-rich) to species-poor semi-improved grassland that is just slightly more species-rich than agriculturally improved grassland.	communities that resemble MG5 or MG4 grassland with species such as common knapweed, lady's bedstraw, yellow rattle, common bird's-foot-trefoil, meadow vetchling,		of positive indicator species was the primary reason for grasslands failing to achieve good status. It is possible therefore to create/restore lowland meadow PH to good condition in 10 years on high potential sites (see FEP manual Keys 1 and 2c). On low potential sites, moderate condition in 15 years is a more realistic target.
																oxeye daisy and great burnet but often at lower frequencies than seen in unimproved meadows. Rarer species associated with true unimproved grasslands will also tend to be absent.	Live FFD COA and Wine and an and an an and an	
															Calcareous grassland supports a range of plant communities in which lime-tolerant (calcicolous) plants are characteristic. Typical forb species include common centuary, yellow-wort, kidney vetch and dwarf thistle and grasses such as sheep's fescue, tor-Grass, upright brome, crested hair-grass and meadow oat-grass.	region, largely confined to the south and east o Warwickshire within the Cotswolds and Feldor areas (and with limited areas in the south of the Arden). The majority has a relatively recenorigin, falling within old or partially worked		Studies suggest timescale trajectories of 60-100 years for the restoration of ancient calcareous grasslands (see attached guidance).
Grassland: Unimproved calcareous grassland	B31	High	6	Medium	1.5	n/a	n/a	Low	1	W_in_P	W_in_P	Lowland calcareous grassland	Calcareous grassland	CG2, CG5		quarries, where disturbance has ceased some time ago. Further more important examples occur in cuttings. A little exists withir agricultural settings (often on steeper ground that has been left out of improvement schemes		
												gi assianu	yi assialiu			and along some road verges and railway of canal cuttings (Warwickshire LBAP). The lates figures from Habitat Biodiversity Audit (HBA 2012) give the total area of calcareous grassland in Warwickshire, Coventry and		
															Semi-improved calcareous grasslands that have been improved by the	Solihull to be 118 ha (35ha unimproved and 83ha semi-improved). A large part of this resource is included within designated sites (SSSIs and LWSs)		A review of agri-environment schemes (Wilson et al) found it is possible to
Grassland: Semi-improved calcareous grassland	B32	Medium-High	5	Medium	1.5	15 years	W_in_P	Low	1	15 years	W_in_P	Lowland calcareous grassland	Calcareous grassland	CG2, CG5	addition of some fertiliser will contain some mesotrophic species such as white clover, yarrow, Yorkshire fog, cock's-foot and crested dog's-tail.  This consists of semi-improved grassland which is more improved, poorer in species diversity, and more resembles species-poor neutral		Classify as poor condition	create/restore lowland calcareous grassland PH in 8-15 years. However, low soil nutruent levels and suitable grazing management are important. Of 15 sites studied, 10 were in good condition and 5 were in moderate condition.
Grassland: Poor semi-improved grassland	В6	Medium-Low	3	Medium	1.5	n/a	n/a	Low	1	n/a	n/a	Not a priority habitat	Not a priority habitat	Some examples of MG6	grassland irrespective of the underlying soil type. However, it is noticeably less improved and more species rich than improved grassland (NCC, 1990). Typical species including Yorkshire fog, meadow foxtail, cock's-foot, red fescue, ribwort plantain and meadow buttercup.			n/a
Grassland: Improved grassland	B4	Low	2	n/a	-	n/a	n/a	Low	1	n/a	n/a	Not a priority habitat  Coastal and floodplain	Not a priority habitat	WIGOA, WIG7	Improved grasslands are dominated by a limited range of grasses, particularly perennial rye-grass and have a very low forb diversity characteristically dominated by white clover.  This is a diffuse category covering certain Molinia grasslands,	It is the commonest grassland type in the County.	Classify as poor condition  Use FEP G07 condition assessment	n/a  A review of agri-environment schemes (by Wilson et al - see attached guidance) looked at three wet grassland schemes - one creation, two restoration. One site
Grassland: Marsh / Marshy grassland	B5	High	6	High	3	15 years	W_in_P	Medium	1.5	W_in_P	W_in_P	grazing marsh Purple moor-grass and rush pasture Lowland meadow		MG8-10, MG12, M22-28	grasslands with a high proportion of Juncus species, Carex species or Filipendula ulmaria, and wet meadows and pastures supporting communities of species such as Caltha palustris or Valeriana species, where broadleaved herbs predominate over grasses.  This represents a common mixture of dry heath and acid	Heathland is very rare in the County. The HBA	Use FEP M03 & G05	created on arable land (previously a fen) by raising water levels and natural regeneration from seedbank, was purple moor grass & ruch pasture PH in moderate condition after 12 years. The restored sites (scrub clearance and/or grazing) had achieved good condition after 2 & 11 years.
Grassland: Dry heath / Acidic grassland mosaic	D5	High	6	Medium	1.5	W_in_P	W_in_P	Medium	1.5	W_in_P	W_in_P	Lowland heathland Lowland dry acid grassland	Lowland heathland		grassland.Lowland heathland is typified by the presence of low growing shrubs such as heather ( <i>Calluna vulgaris</i> ), dwarf gorse ( <i>Ulex minor</i> ) and cross-leaved heath ( <i>Erica tetralix</i> ).  Arable field margins are herbaceous strips or blocks around arable	(2012) has recorded 7.76ha of dry heath/acid grassland mosaic. They are mainly associated with common land and woodland on the acid glacial soils in the north of the county.	Use FEP species features, including SP02	
Grassland: Set-aside / Arable field margins	J113	High	6	Low	1	W_in_P	W_in_P	Low	1	W_in_P	W_in_P	Arable field margins	Arable field margins		fields that are managed specifically to provide benefits for wildlife (see UK BAP, 2008 for definition of margin types that are included and those that are excluded). They are valued for supporting scarce/rare arable plants as well as invertebrates and nesting and feeding birds.  This comprises intensively managed and regularly mown grasslands, typical of lawns, playing fields, golf course fairways and many urban		uncommon vascular plants.  Classify as poor condition	
Grassland: Amenity grassland	J12	Low	2	Low	1	n/a	n/a	Low	1	n/a	n/a	Not a priority habitat	Not a priority habitat	Various grassland forms but	'savannah' parks, in which perennial rye grass, with or without white clover, often predominates. The sward composition will depend on the original seed mixture used and on the age of the community. Herbs such as daisy, greater plantain and dandelion may be present. If the amenity grassland has a sward rich in herbs, it may be possible to			n/a
														MG7	classify it as semi-improved acidic, neutral or calcareous grassland, as appropriate. In such cases, the area concerned should be mapped as the specific grassland type and its amenity use target noted (NCC, 1990).  Standing water includes lakes, reservoirs, pools, flooded gravel pits,	Typical floating and submerged plant species	Use FEP W07 condition assessment	Ponds colonise rapidly with plants, invertebrates and ampibians and can take just a
Wetland: Standing water	G1	High	6	Medium	1.5	W_in_P	W_in_P	Medium	1.5	W_in_P	W_in_P	Ponds	Ponds		ponds, water-filled ditches and canals.	include Duckweed (Lemna spp.), Canadian pondweed (Elodea canadensis), Hornwort (Ceratophyllum spp.), amphibious bistort (Persicaria amphibia) and yellow water-lily (Nuphar lutea). Standing water bodies are		few years to be of high wildlife value. However, the value of ponds is affected by the water quality (e.g. elevated nutrient levels), pollution risk e.g. road-runoff, presence of stream inflows, location (ponds in urban and arable areas tend to be of poorer quality). Good quality ponds tend to occur in close proximity to other ponds or wetland habitats and where they are buffered by semi-natural habitat. These factors
															Running water comprises rivers and streams (but not canals, which are classed as Standing Water).	important for a vast range of plants and animals, including several protected species such as great crested newt.  The habitat quality of watercourses can vary widely, with many adversely affected by human activities, such as channel straightening and	No FEP condition assessment. See next colun	should be taken into account when deciding on target condition.  Good quality watercourses will have a divesity of natural channel features typical of lowland watercourses. These include a variety of flow patterns (riffles, runs, glides, pools and married deed water) a variety of shapped features (cide bare, point bare).
Wetland: Running water	G2	High	6	Medium	1.5	W_in_P	W_in_P	Medium	1.5	W_in_P	W_in_P	Rivers & streams	Rivers & streams			pollution. However there are also many that have significant wildlife value, providing habitat for a range of plants and animals including protected species such water vole and otter.		pools and marginal dead water), a variety of channel features (side bars, point bars, silt deposits and islands), meanders and associated erosion/deposition features and natural variation of bankside habitats.
															Reed beds are wetlands dominated by, but not necessarily composed purely of, stands of the common reed (Phragmites australis). They can include areas of reed which are both wet and dry at their base but usually the water table is at or above ground level for much of the year (LBAP). Usually part of a mosaic with open water and ditches, wet	Reed beds are not common or extensive in the sub-region, being mainly associated with sand and gravel extraction within certain river valleys		Newly created reed bed can establish very rapidly ie within a few growing seasons (RSPB). However, reedbed habitat quality can vary greatly depending on size, degree of wetness and dryness, scrub cover, soil type, water quality and management. These factors should be taken into account when making decisions about target condition.
Wetland: Reedbed	F1	High	6	low	1	W_in_P	W_in_P	low	1	W_in_P	W_in_P	Reedbeds	Reedbeds		grassland, wet woodland etc. They usually require management e.g. grazing, cutting, scrub control to maintain a mosaic of vegetation at different stages of growth.	pools and formal lakes in country house estates, and occasionally as narrow fringes of reed along rivers, canals and ditches. There are dozens of small reed beds, though large ones are few in number and probably only account for 25-30ha.		
Wetland: Acid/neutral flush	E11	High		Very High	10	n/a W in P	n/a	High	3	n/a	n/a	Blanket bog Lowland raised bog	n/a	M1-3, M17-20	These typically support species-poor vegetation consisting of a Sphagnum carpet overlain by Carex or Juncus species. Characteristic moss species include Sphagnum recurvum, S. palustre and S.	Habitat not found in Warwickshire  Extremely rare in the County e.g. Coleshill and	n/a Use FEP W04 condition assessment	n/a
Wetland: Acid/neutral flush	E21	High	6	High	3	W_in_P	W_in_P	Medium	1.5	W_in_P	W_in_P	Lowlansd fens	Fen & swamp		auriculatum. Overlying vegetation may consist of small Carex species (Carex echinata, C. nigra or C cura), Carex rostrata, Juncus acutifloris, J. effusus, J. squarrosus, or Eriophorum angustifolium.  Basin mire is a topogenous fen, fed by ground water or streams. It develops in a waterlogged basin and does not contain much open	Habitat not found in Warwickshire		n/a
Wetland: Basin Mire	E32	High	6	High	3	n/a	n/a	Medium	1.5	n/a	n/a	Lowland fens	n/a	communities	water. The vegetation may be dominated by Sphagnum species, together with Carex rostrata and ericoids, or by tall swamp plants such as Phragmites australis, Schoenoplectus (Scirpus) lacustris and Typha species  Swamp contains tall emergent vegetation typical of the transition between open water and exposed land. Swamps are generally in	The Phase 1 category includes reedbed (see	n/a Use FEP W04 condition assessment	n/a
Wetland: Swamp	F1	High	6	High	3	W_in_P	W_in_P	Medium	1.5	W_in_P	W_in_P	Lowland fens	Fen & swamp		standing water for a large part of the year. Swamp vegetation includes both mixed and single-species stands include reedmace (Typha spp.), common reed (Phragmites australis), reed canary-grass (Phalaris arundinacea), reed sweet-grass (Glyceria maxima) and tall sedge species (Carex spp.).	above) as well as fen and swamp.		
Wetland: Inundation vegetation	F22	High	6	Low	1	W_in_P	W_in_P	Low	1	W_in_P	W_in_P	Not a priority habitat	Fen & swamp	MG11, MG13, OV28-36	Inundation vegetation covers areas that are periodically inundated. The species community is generally open and inherently unstable. Typical species present may include the following: knot grass (Polygonum) species, bulbous rush (Juncus bulbosus), beggartick and bur-marigold (Bidens) species, creeping bent grass (Agrostis			
Other: Arable	J11	Low	2	n/a	-	n/a	n/a	n/a	-	n/a	n/a	Not a priority habitat	Not a priority habitat	1	stolonifera), marsh foxtail (Alopecurus geniculatus), as well as many ruderal species (NCC, 1990).  This includes arable cropland, horticultural land (for example nurseries, vegetable plots, flower beds), freshly-ploughed land and recently reseeded grassland, such as rye grass and ryeclover leys,		Classify as poor condition	0-5 years
Other: Continuous bracken	C11	Low	2	Low	1	W_in_P	W_in_P	Low	1	W_in_P	W_in_P	Not a priority habitat	Not a priority habitat	W25	often managed for silage (NCC, 1990).  Areas dominated by Pteridium aquilinum (NCC, 1990).  This category comprises stands of tall perennial or biennial		Bracken should be classed as poor condition unless it meets the FEP definition of high environmental value bracken in which case its condition should be assessed against V05*.  Classify as poor condition, unless it meets the	
Other: Tall ruderal	C31	Medium-Low	3	Low	1	W_in_P	W_in_P	Low	1	W_in_P	W_in_P	Not a priority habitat	Not a priority habitat		This category comprises stands of tall perennial or biennial dicotyledons, usually more than 25cm high, of species such as rosebay willowherb and common nettle (NCC, 1990). It is often found as a habitat-edge community and in urban areas is frequently found on post industrial sites/waste ground.  Non-wooded stands of species such as Oreopteris limbosperma,		Classify as poor condition, unless it meets the criteria LWS selection.  Classify as poor condition	
Other: Non-ruderal	C32	Medium		Low		W_in_P	W_in_P	Low	1	W_in_P	W_in_P	Not a priority habitat	Not a priority habitat  Not a priority		Athyrium felix-femina, Dryopteris species or Luzula sylvatica should be included in this category (NCC, 1990).  Short, patchy plant associations typical of derelict urban sites, quarries and railway ballast. The vegetation typically lacks a clear dominant		Classify as poor condition  Classify as poor condition	
Other: Ephemeral/short perennial  Other: Allotments	J113	Low	2	Low		W_in_P	W_in_P	Low	1	W_in_P	W_in_P n/a	Not a priority habitat  Not a priority habitat	habitat  Allotments		species, but consists of a mixture of low-growing plants, often less than 25 cm high, such as greater plantain, creeping buttercup, white clover, black medick, coltsfoot, oxeye daisy and ragwort species, or of taller species such as Sisymbrium or Melilot species (NCC, 1990).  All alloments included		Classify as poor condition	
Other: Quarry Other: Spoil Other: Refuse tip	I21 I22 I24	Low Low Low	2	Low Low	1	n/a n/a	n/a n/a	Low Low	1 1 1	n/a n/a	n/a n/a	Not a priority habitat  Not a priority habitat  Not a priority habitat	Quarries & gravel pits Not a priority habitat Not a priority habitat	<u>-</u>	Excavations such as gravel, sand or chalk pits and stone quarries should be included in this category.  Includes abandoned industrial areas and tips of waste material such as coal mine spoil and slag.  Rubbish tips, worked landfill sites		Classify as poor condition  Classify as poor condition  Classify as poor condition	n/a n/a n/a
Other: Introduced shrub	J14	Low		Low		n/a	n/a	Low	1	n/a	n/a	Not a priority habitat	Not a priority habitat		This is vegetation dominated by shrub species that are not locally native, whether planted or selfsown. Common introduced shrubs include species of box, dog wood, laurel, privet, Rhododendron and snowberry. Formal beds of shrubs such as of Hypericum calycinum,		Classify as poor condition	0-5 years
Other: Bare ground  Other: Vertical face (correction factor)  Other: Living Wall  Other: Living roof - Extensive	J4 n/a n/a	Low none Medium-Low	0 3	Low Low Medium	1 1.5	W_in_P	n/a n/a W_in_P W_in_P W in P	Low Low	1 1 1	n/a W_in_P W_in_P	n/a W_in_P W_in_P	Not a priority habitat	Not a priority habitat		Cotoneaster, heaths and dwarf conifers should be included here.			n/a
Other: Living roof - Extensive Other: Living roof - Semi-intensive Other: Living roof - Intensive Other: Living roof - Brown Other: Living roof - Mosaic	n/a n/a n/a n/a n/a	Low Medium-Low Low Medium-Low Medium	3 2 3	Low Medium Low Low Medium	1.5 1 1	W_in_P W_in_P W_in_P W_in_P W_in_P	W_in_P W_in_P W_in_P W_in_P W_in_P	Low Low Low Low Low	1 1 1 1	W_in_P W_in_P W_in_P W_in_P W_in_P	W_in_P W_in_P W_in_P W_in_P W_in_P							
Linear features Hedges: Intact hedge Hedges: Native species rich intact hedge Hedges: Hedge with trees	J21 J211 J23	Medium High Medium-High	4 6 5	Low Low Low	1 1 1	W_in_P W_in_P W_in_P	W_in_P W_in_P W_in_P	Low Low Low	1 1 1	W_in_P W_in_P W_in_P	W_in_P W_in_P W_in_P							
Hedges: Native species rich hedge with trees Hedges: Defunct hedge Hedges: Linear scrub Hedges: Linear trees Hedges: Introduced shrub	J231 J22 A21 A3 J14	High Low Medium Medium Low	2 4 4	Low n/a Low Low	- 1 1	W_in_P W_in_P W_in_P W_in_P W_in_P	W_in_P W_in_P W_in_P W_in_P W_in_P	Low n/a Low Low Low	1 - 1 1 1 1	W_in_P W_in_P W_in_P W_in_P W_in_P	W_in_P W_in_P W_in_P W_in_P W_in_P							
Ditches: Standing water Ditches: Running water Ditches: Dry ditch Boundaries: Fence	G1 G2 J26 J24	High High Low None	6 6 2 0	Medium Medium Low	2 2 1	W_in_P W_in_P W_in_P W_in_P	W_in_P W_in_P W_in_P W_in_P	Low Low Low	1 1 1 1 1	W_in_P W_in_P W_in_P W_in_P	W_in_P W_in_P W_in_P W_in_P							
Boundaries: Wall Boundaries: Dry stone wall Other: Inland cliff Other: Earth bank	J25 J25 I1 J28 n/a	Low Medium Medium Low	4 4 2	Low Low Low	1 1 1	W_in_P W_in_P W_in_P W_in_P W_in_P	W_in_P W_in_P W_in_P W_in_P W_in_P	Low Low Low Low	1 1 1 1 1	W_in_P W_in_P W_in_P W_in_P W_in_P	W_in_P W_in_P W_in_P W_in_P W_in_P W in_P							
Other: Living wall  Habitats for creation	n/a Habitats for re	Low	2	Low	1	W_in_P Distinctiveness	vv_in_P	Low	1	l vv_in_P	ı W_in_P	1	1	ı		1	1	1

Habitats for creation	Habitats for restoration
Phase 1 Habitat Descriptions	Phase 1 Habitat Descriptions
Built Environment: Buildings/hardstanding	Woodland: Broad-leaved semi-natural woodland
Built Environment: Gardens (lawn and planting)	Woodland: Broad-leaved plantation
Woodland: Broad-leaved plantation	Woodland: Coniferous semi-natural woodland
Woodland: Coniferous plantation	Woodland: Coniferous plantation
Woodland: Mixed plantation	Woodland: Mixed semi-natural woodland
Woodland: Wet woodland	Woodland: Mixed plantation
Woodland: Dense continuous scrub	Woodland: Wet woodland
Woodland: Scattered scrub	Woodland: Dense continuous scrub
Woodland: Scattered trees	Woodland: Scattered scrub
Woodland: Coniferous parkland	Woodland: Scattered trees
Woodland: Orchard	Woodland: Broad-leaved parkland
Grassland: Semi-improved acidic grassland	Woodland: Coniferous parkland
Grassland: Semi-improved neutral grassland	Woodland: Orchard
Grassland: Semi-improved calcareous grassland	Grassland: Unimproved acidic grassland
Grassland: Marsh / Marshy grassland	Grassland: Semi-improved acidic grassland
Grassland: Dry heath / Acidic grassland mosaic	Grassland: Unimproved neutral grassland
Grassland: Set-aside / Arable field margins	Grassland: Semi-improved neutral grassland
Grassland: Amenity grassland	Grassland: Unimproved calcareous grassland
Wetland: Standing water	Grassland: Semi-improved calcareous grassland
Wetland: Running water	Grassland: Marsh / Marshy grassland
Wetland: Reedbed	Grassland: Dry heath / Acidic grassland mosaic
Wetland: Sphagnum Bog	Grassland: Set-aside / Arable field margins
Wetland: Acid/neutral flush	Wetland: Standing water
Wetland: Basin Mire	Wetland: Running water
Wetland: Swamp	Wetland: Reedbed
Wetland: Inundation vegetation	Wetland: Sphagnum Bog
Other: Continuous bracken	Wetland: Acid/neutral flush
Other: Tall ruderal	Wetland: Basin Mire
Other: Non-ruderal	Wetland: Swamp
Other: Ephemeral/short perennial	Wetland: Inundation vegetation
Other: Allotments	Other: Continuous bracken
Other: Quarry	Other: Tall ruderal
Other: Spoil	Other: Non-ruderal
Other: Refuse tip	Other: Ephemeral/short perennial
Other: Introduced chrub	Other: Alletments

Other: Introduced shrub
Other: Bare ground
Other: Living Wall

Other: Living roof - Extensive

Other: Living roof - Intensive
Other: Living roof - Brown
Other: Living roof Mosaic

Other: Living roof - Semi-intensive

Distinctiveness	
High	
Medium-High	
Medium	
Medium-Low	
Low	
none	
Condition	
Good	
Moderate	
Poor	
Time	
3 years	1.
5 years	1.
10 years	1.
15 years	1.
20 years	
25 years	2.
30 years	2.
32+ years	
Difficulty	
Very high	1
High	
Medium	1.
Low	
n/a	

Linear	Linear
Hedges: Intact hedge	Hedges: Intact hedge
Hedges: Native species rich intact hedge	Hedges: Native species rich intact hedge
Hedges: Hedge with trees	Hedges: Hedge with trees
Hedges: Native species rich hedge with trees	Hedges: Native species rich hedge with trees
Hedges: Linear scrub	Hedges: Linear scrub
Hedges: Linear trees	Hedges: Linear trees
Hedges: Introduced shrub	Ditches: Standing water
Ditches: Standing water	Ditches: Running water
Ditches: Running water	Ditches: Dry ditch
Ditches: Dry ditch	Boundaries: Dry stone wall
Boundaries: Fence	Other: Inland cliff
Boundaries: Wall	Other: Earth bank
Boundaries: Dry stone wall	Other: Living wall
Other: Inland cliff	
Other: Earth bank	
Other: Green wall	

Linear	Linear
Hedges: Intact hedge	Hedges: Intact hedge
Hedges: Native species rich intact hedge	Hedges: Native species rich intact hedge
Hedges: Hedge with trees	Hedges: Hedge with trees
Hedges: Native species rich hedge with trees	Hedges: Native species rich hedge with trees
Hedges: Linear scrub	Hedges: Linear scrub
Hedges: Linear trees	Hedges: Linear trees
Hedges: Introduced shrub	Ditches: Standing water
Ditches: Standing water	Ditches: Running water
Ditches: Running water	Ditches: Dry ditch
Ditches: Dry ditch	Boundaries: Dry stone wall
Boundaries: Fence	Other: Inland cliff
Boundaries: Wall	Other: Earth bank
Boundaries: Dry stone wall	Other: Living wall
Other: Inland cliff	•
Other: Earth bank	

Other: Allotments Other: Bare ground Other: Living roof - Extensive

Other: Living Wall

Other: Living roof - Semi-intensive

Other: Living roof - Intensive
Other: Living roof - Brown
Other: Living roof Mosaic

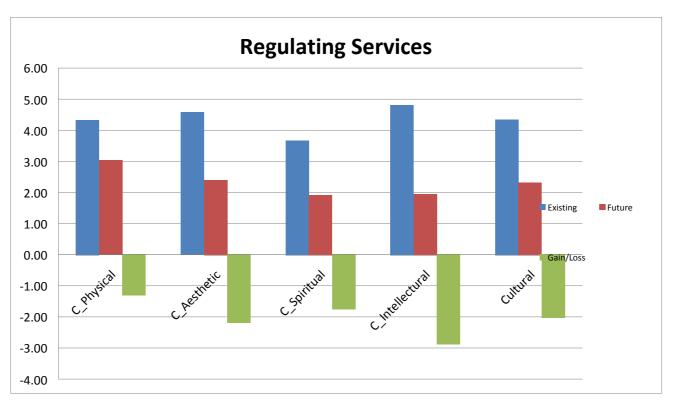
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				Medium-		Medium-			Medium-		Medium-			Medium-		Medium-			Medium-	Me	edium-			Medium-		Medium-
		Area Value	High	High	Medium	Low	Low	High	High	Medium		Low	High	High	Medium	Low	Low	High	High M	edium Lo	w	Low	High	High	Medium I	Low Low
Grassland: Poor semi-improved grassland	Medium-Low	1.00 3.00									3.00															
Grassland: Poor semi-improved grassland	Medium-Low	0.03																								
Grassland: Poor semi-improved grassland	Medium-Low	0.01																								
1 Woodland: Dense continuous scrub	Medium-Low	0.35 0.78				0.78	3																			
1 Other: Tall ruderal	Medium-Low	0.04 0.12									1										0.12			igspace		
Built Environment: Buildings/hardstanding	none	0.03									1													igsquare		
Woodland: Scattered trees	Medium	0.02									1													igspace		
2 Grassland: Semi-improved acidic grassland	Medium-High	0.25 1.25							1.25	)	<u> </u>															
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				Medium-		Medium-			Medium-		Medium-			Medium-		Medium-			Medium-	Me	edium-			Medium-	1	Medium-
Indirect Impacts			High	High	Medium	Low	Low	High	High	Medium	Low	Low	High	High	Medium	Low	Low	High	High M	edium Lo	w	Low	High	High	Medium l	Low Low
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					Woodland					Grassland					Wetland	1	,			Other				Bul	ilt Environme	
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Creation		Area Value	High	Medium- High	Medium	Medium- Low	Low		Medium- High	Medium	1	Low		Medium- High	Medium	Medium- Low	Low	High		I		Low		1		Medium- Low Low
Grassland: Amenity grassland	Low	0.15 0.27	High		Medium		Low				Low	Low 0.27			Medium		Low	High				Low				
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland	Low Medium	0.15 0.27 0.24 0.91	High		Medium	Low				Medium 0.91	Low	_			Medium		Low	High				Low				
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub	Low Medium Medium-Low	0.15 0.27 0.24 0.91 0.07 0.25	High		Medium						Low	_			Medium		Low	High				Low				
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding	Low Medium Medium-Low none	0.15 0.27 0.24 0.91 0.07 0.25 0.54 0.00	High		Medium	Low					Low	_	High	High	Medium		Low	High				Low				
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water	Low Medium Medium-Low none High	0.15         0.27           0.24         0.91           0.07         0.25           0.54         0.00           0.02         0.07	High		Medium	Low					Low	_		High	Medium		Low	High				Low				Low Low
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting)	Low Medium Medium-Low none High Low	0.15         0.27           0.24         0.91           0.07         0.25           0.54         0.00           0.02         0.07           0.41         0.75	High			0.25					Low	_	High	High	Medium		Low	High				Low				
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water	Low Medium Medium-Low none High	0.15         0.27           0.24         0.91           0.07         0.25           0.54         0.00           0.02         0.07           0.41         0.75           0.03         0.14	High		Medium  0.14	0.25					Low	_	High	High	Medium		Low	High				Low				Low Low
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting)	Low Medium Medium-Low none High Low	0.15         0.27           0.24         0.91           0.07         0.25           0.54         0.00           0.02         0.07           0.41         0.75           0.03         0.14           0.00	High			0.25					Low	_	High	High	Medium		Low	High				Low				Low Low
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting)	Low Medium Medium-Low none High Low	0.15         0.27           0.24         0.91           0.07         0.25           0.54         0.00           0.02         0.07           0.41         0.75           0.03         0.14	High			0.25					Low	_	High	High	Medium		Low	High				Low				Low Low
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting)	Low Medium Medium-Low none High Low	0.15 0.27 0.24 0.91 0.07 0.25 0.54 0.00 0.02 0.07 0.41 0.75 0.03 0.14 0.00 0.00 0.00 0.00	High			0.25					Low	_	High	High	Medium		Low	High				Low				Low Low
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting)	Low Medium Medium-Low none High Low	0.15 0.27 0.24 0.91 0.07 0.25 0.54 0.00 0.02 0.07 0.41 0.75 0.03 0.14 0.00 0.00 0.00 0.00 0.00	High			0.25					Low	_	High	High	Medium		Low	High				Low				Low Low
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting)	Low Medium Medium-Low none High Low	0.15 0.27 0.24 0.91 0.07 0.25 0.54 0.00 0.02 0.07 0.41 0.75 0.03 0.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00	High			0.25					Low	_	High	High	Medium		Low	High				Low				Low Low
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting)	Low Medium Medium-Low none High Low	0.15 0.27 0.24 0.91 0.07 0.25 0.54 0.00 0.02 0.07 0.41 0.75 0.03 0.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00	High			0.25					Low	_	High	High	Medium		Low	High				Low				Low Low
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting)	Low Medium Medium-Low none High Low	0.15 0.27 0.24 0.91 0.07 0.25 0.54 0.00 0.02 0.07 0.41 0.75 0.03 0.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00		High	0.14	0.25	5	High	High	0.91	Low	0.27	0.07	High		Low			High M	edium Lo	W		High	High	Medium I	Low
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting)	Low Medium Medium-Low none High Low	0.15 0.27 0.24 0.91 0.07 0.25 0.54 0.00 0.02 0.07 0.41 0.75 0.03 0.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00	High	High	0.14	0.25	5	High	High	0.91	Low	0.27	0.07	High		Low			High M					High	Medium I	Low
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting)	Low Medium Medium-Low none High Low	0.15 0.27 0.24 0.91 0.07 0.25 0.54 0.00 0.02 0.07 0.41 0.75 0.03 0.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00		High	0.14	4 0.25	5	High	High	0.91	Low	0.27	0.07	High	0.00	Low			High M	edium Lo	W		High	High	Medium I	Low Low
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting)	Low Medium Medium-Low none High Low	0.15 0.27 0.24 0.91 0.07 0.25 0.54 0.00 0.02 0.07 0.41 0.75 0.03 0.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00		High	0.14	4 0.25	5	High	High	0.91	Low	0.27	0.07	High		0.00			High M	Other	0.00		High	High  O.00	Medium I	Low Low O.00
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting) Woodland: Scattered trees	Low Medium Medium-Low none High Low Medium 0 0 0 0 0 0 0 0 0	0.15 0.27 0.24 0.91 0.07 0.25 0.54 0.00 0.02 0.07 0.41 0.75 0.03 0.14 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.0	High  Oo 0.00  Medium-	0.14 0 0.14 Woodland	4 0.25 Medium-	5 0.00	High  O.000	High  0.00	0.91 0.91 0.91 Grassland	Low  O.00  Medium-	0.27	0.07	High  O.00  Medium-	0.00	Low  0.00  Medium-	0.00	0.00	High M	Other Me	0.00	0.00	0.00	High  O.00  Built  Medium-	Medium I	Low Low  O.00  Denote the second of the seco
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting) Woodland: Scattered trees	Low Medium Medium-Low none High Low Medium 0 0 0 0 0 0 0 0 0 D D D D D D D D Distinctivenes	0.15		High	0.14	4 0.25	5	High  O.000	High	0.91  0.91  0.91  Grassland  Medium	Low  O.00  Medium-Low	0.27	0.07	High	0.00	0.00		0.00	High M	Other Me	0.00		0.00	High  O.00  Built	Medium I	Low Low O.00
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting) Woodland: Scattered trees	Low Medium Medium-Low none High Low Medium 0 0 0 0 0 0 0 0 0	0.15	0.0	High  Oo 0.00  Medium-	0.14 0 0.14 Woodland	4 0.25 Medium-	5 0.00	High  O.000	High  0.00	0.91 0.91 0.91 Grassland	Low  O.00  Medium-Low	0.27	0.07	High  O.00  Medium-	0.00	Low  0.00  Medium-	0.00	0.00	High M	Other Me	0.00	0.00	0.00	High  O.00  Built	Medium I	Low Low  O.00  Denote the second of the seco
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting) Woodland: Scattered trees	Low Medium Medium-Low none High Low Medium 0 0 0 0 0 0 0 0 0 D D D D D D D D Distinctivenes	0.15	0.0	High  Oo 0.00  Medium-	0.14 0 0.14 Woodland	4 0.25 Medium-	5 0.00	High  O.000	High  0.00	0.91  0.91  0.91  Grassland  Medium	Low  O.00  Medium-Low	0.27	0.07	High  O.00  Medium-	0.00	Low  0.00  Medium-	0.00	0.00	High M	Other Me	0.00	0.00	0.00	High  O.00  Built	Medium I	Low Low  O.00  Denote the second of the seco
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting) Woodland: Scattered trees	Low Medium Medium-Low none High Low Medium 0 0 0 0 0 0 0 0 0 D D D D D D D D Distinctivenes	0.15	0.0	High  Oo 0.00  Medium-	0.14 0 0.14 Woodland	4 0.25 Medium-	5 0.00	High  O.000	High  0.00	0.91  0.91  0.91  Grassland  Medium	Low  O.00  Medium-Low	0.27	0.07	High  O.00  Medium-	0.00	Low  0.00  Medium-	0.00	0.00	High M	Other Me	0.00	0.00	0.00	High  O.00  Built	Medium I	Low Low  O.00  Denote the second of the seco
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting) Woodland: Scattered trees	Low Medium Medium-Low none High Low Medium 0 0 0 0 0 0 0 0 0 D D D D D D D D Distinctivenes	0.15	0.0	High  Oo 0.00  Medium-	0.14 0 0.14 Woodland	4 0.25 Medium-	5 0.00	High  O.000	High  0.00	0.91  0.91  0.91  Grassland  Medium	Low  O.00  Medium-Low	0.27	0.07	High  O.00  Medium-	0.00	Low  0.00  Medium-	0.00	0.00	High M	Other Me	0.00	0.00	0.00	High  O.00  Built	Medium I	Low Low  O.00  Denote the second of the seco
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting) Woodland: Scattered trees	Low Medium Medium-Low none High Low Medium 0 0 0 0 0 0 0 0 0 D D D D D D D D Distinctivenes	0.15	0.0	High  Oo 0.00  Medium-	0.14 0 0.14 Woodland	4 0.25 Medium-	5 0.00	High  O.000	High  0.00	0.91  0.91  0.91  Grassland  Medium	Low  O.00  Medium-Low	0.27	0.07	High  O.00  Medium-	0.00	Low  0.00  Medium-	0.00	0.00	High M	Other Me	0.00	0.00	0.00	High  O.00  Built	Medium I	Low Low  O.00  Denote the second of the seco
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting) Woodland: Scattered trees	Low Medium Medium-Low none High Low Medium 0 0 0 0 0 0 0 0 0 D D D D D D D D Distinctivenes	0.15	0.0	High  Oo 0.00  Medium-	0.14 0 0.14 Woodland	4 0.25 Medium-	5 0.00	High  O.000	High  0.00	0.91  0.91  0.91  Grassland  Medium	Low  O.00  Medium-Low	0.27	0.07	High  O.00  Medium-	0.00	Low  0.00  Medium-	0.00	0.00	High M	Other Me	0.00	0.00	0.00	High  O.00  Built	Medium I	Low Low  O.00  Denote the second of the seco
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting) Woodland: Scattered trees	Low Medium Medium-Low none High Low Medium 0 0 0 0 0 0 0 0 0 D D D D D D D D Distinctivenes	0.15	0.0	High  Oo 0.00  Medium-	0.14 0 0.14 Woodland	4 0.25 Medium-	5 0.00	High  O.000	High  0.00	0.91  0.91  0.91  Grassland  Medium	Low  O.00  Medium-Low	0.27	0.07	High  O.00  Medium-	0.00	Low  0.00  Medium-	0.00	0.00	High M	Other Me	0.00	0.00	0.00	High  O.00  Built	Medium I	Low Low  O.00  Denote the second of the seco
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting) Woodland: Scattered trees	Low Medium Medium-Low none High Low Medium 0 0 0 0 0 0 0 0 0 D D D D D D D D Distinctivenes	0.15	0.0	High  Oo 0.00  Medium-	0.14 0 0.14 Woodland	4 0.25 Medium-	5 0.00	High  O.000	High  0.00	0.91  0.91  0.91  Grassland  Medium	Low  O.00  Medium-Low	0.27	0.07	High  O.00  Medium-	0.00	Low  0.00  Medium-	0.00	0.00	High M	Other Me	0.00	0.00	0.00	High  O.00  Built	Medium I	Low Low  O.00  Denote the second of the seco
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting) Woodland: Scattered trees	Low Medium Medium-Low none High Low Medium 0 0 0 0 0 0 0 0 0 D D D D D D D D Distinctivenes	0.15	0.0	High  Oo 0.00  Medium-	0.14 0 0.14 Woodland	4 0.25 Medium-	5 0.00	High  O.000	High  0.00	0.91  0.91  0.91  Grassland  Medium	Low  O.00  Medium-Low	0.27	0.07	High  O.00  Medium-	0.00	Low  0.00  Medium-	0.00	0.00	High M	Other Me	0.00	0.00	0.00	High  O.00  Built	Medium I	Low Low  O.00  Denote the second of the seco
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting) Woodland: Scattered trees	Low Medium Medium-Low none High Low Medium 0 0 0 0 0 0 0 0 0 D D D D D D D D Distinctivenes	0.15	0.0	High  Oo 0.00  Medium-	0.14 0 0.14 Woodland	4 0.25 Medium-	5 0.00	High  O.000	High  0.00	0.91  0.91  0.91  Grassland  Medium	Low  O.00  Medium-Low	0.27	0.07	High  O.00  Medium-	0.00	Low  0.00  Medium-	0.00	0.00	High M	Other Me	0.00	0.00	0.00	High  O.00  Built	Medium I	Low Low  O.00  Denote the second of the seco
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting) Woodland: Scattered trees	Low Medium Medium-Low none High Low Medium 0 0 0 0 0 0 0 0 0 D D D D D D D D Distinctivenes	0.15	0.0	High  Oo 0.00  Medium-	0.14 0 0.14 Woodland	4 0.25 Medium-	5 0.00	High  O.000	High  0.00	0.91  0.91  0.91  Grassland  Medium	Low  O.00  Medium-Low	0.27	0.07	High  O.00  Medium-	0.00	Low  0.00  Medium-	0.00	0.00	High M	Other Me	0.00	0.00	0.00	High  O.00  Built	Medium I	Low Low  O.00  Denote the second of the seco
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting) Woodland: Scattered trees	Low Medium Medium-Low none High Low Medium 0 0 0 0 0 0 0 0 0 D D D D D D D D Distinctivenes	0.15	0.0	High  Oo 0.00  Medium-	0.14 0 0.14 Woodland	4 0.25 Medium-	5 0.00	High  O.000	High  0.00	0.91  0.91  0.91  Grassland  Medium	Low  O.00  Medium-Low	0.27	0.07	High  O.00  Medium-	0.00	Low  0.00  Medium-	0.00	0.00	High M	Other Me	0.00	0.00	0.00	High  O.00  Built	Medium I	Low Low  O.00  Denote the second of the seco
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting) Woodland: Scattered trees	Low Medium Medium-Low none High Low Medium 0 0 0 0 0 0 0 0 0 D D D D D D D D Distinctivenes	0.15	0.0	High  Oo 0.00  Medium-	0.14 0 0.14 Woodland	4 0.25 Medium-	5 0.00	High  O.000	High  0.00	0.91  0.91  0.91  Grassland  Medium	Low  O.00  Medium-Low	0.27	0.07	High  O.00  Medium-	0.00	Low  0.00  Medium-	0.00	0.00	High M	Other Me	0.00	0.00	0.00	High  O.00  Built	Medium I	Low Low  O.00  Denote the second of the seco
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting) Woodland: Scattered trees	Low Medium Medium-Low none High Low Medium 0 0 0 0 0 0 0 0 0 D D D D D D D D Distinctivenes	0.15	O.C	Medium-High	0.14 Woodland Medium	4 0.25  Medium-Low	5 0.00 Low	High	Medium- High	0.91  O.91  Grassland  Medium  0.11	Medium-Low	0.27  0.27  Low	0.07  High	Medium- High	0.00 Wetland Medium	Low  O.00  Medium-Low	0.00	O.000	Medium-High M	Other Meadium Lo	O.00	0.00 Low	O.000	Built Medium-High	Medium I	Low Low  O.00  ment Medium- Low Low
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting) Woodland: Scattered trees	Low Medium Medium-Low none High Low Medium 0 0 0 0 0 0 0 0 0 D D D D D D D D Distinctivenes	0.15	0.0	Medium-High	0.14 Woodland Medium	4 0.25  Medium-Low	5 0.00 Low	High	Medium- High	0.91  O.91  Grassland  Medium  0.11	Medium-Low	0.27  0.27  Low	0.07  High	Medium- High	0.00 Wetland Medium	Low  O.00  Medium-Low	0.00	O.000	Medium-High M	Other Me	0.00	0.00 Low	0.00	Built Medium-High	Medium I	Low Low  O.00  ment Medium- Low Low
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting) Woodland: Scattered trees	Low Medium Medium-Low none High Low Medium 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.15	O.C	Medium-High	0.14 Woodland Medium	4 0.25  Medium-Low	5 0.00 Low	High	Medium- High	0.91  O.91  Grassland  Medium  0.11	Medium-Low	0.27  0.27  Low	0.07  High	Medium- High	0.00 Wetland Medium	Low  O.00  Medium-Low	0.00	O.000	Medium-High M	Other Meadium Lo	O.00	0.00 Low	O.000	Built Medium-High	Medium I	Low Low  O.00  ment Medium- Low Low
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting) Woodland: Scattered trees  Enhnacement Grassland: Semi-improved neutral grassland	Low Medium Medium-Low none High Low Medium 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.15	0.0	Medium- High	0.14 Woodland Medium	4 0.25  Medium-Low	5 0.00 Low	High	Medium- High	0.91  O.91  Grassland  Medium  0.11	Medium-Low	0.27  0.27  Low	0.07  High	Medium- High	0.00 Wetland Medium	Low  O.00  Medium-Low	0.00	O.000	Medium-High M	Other Meadium Lo	O.00	0.00 Low	O.000	Built Medium-High	Medium I	Low Low  O.00  ment Medium- Low Low
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting) Woodland: Scattered trees  Enhnacement Grassland: Semi-improved neutral grassland  Offset Requirements	Low Medium Medium-Low none High Low Medium  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.15	0.0 High	Medium-High	0 0.14  Woodland  Medium  0 0.00	4 0.25 Medium-Low 0 0.00	5 0.00 Low	High	Medium- High	0.91  O.91  Grassland  Medium  0.11	Medium-Low	0.27  0.27  Low	0.07  High	Medium- High	0.00 Wetland Medium	Low  O.00  Medium-Low	0.00	O.000	Medium-High M	Other Meadium Lo	O.00	0.00 Low	O.000	Built Medium-High	Medium I	Low Low  O.00  ment Medium- Low Low
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting) Woodland: Scattered trees  Enhnacement Grassland: Semi-improved neutral grassland  Offset Requirements Woodland	Low Medium Medium-Low none High Low Medium  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.15	0.0 High	Medium- High  00 0.00  Medium- High  14.729	0.14 Woodland Medium 0 0.00	4 0.25  Medium-Low  0.76	5 0.00 Low	High	Medium- High	0.91  O.91  Grassland  Medium  0.11	Medium-Low	0.27  0.27  Low	0.07  High	Medium- High	0.00 Wetland Medium	Low  O.00  Medium-Low	0.00	O.000	Medium-High M	Other Meadium Lo	O.00	0.00 Low	O.000	Built Medium-High	Medium I	Low Low  O.00  ment Medium- Low Low
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting) Woodland: Scattered trees  Enhnacement Grassland: Semi-improved neutral grassland  Offset Requirements Woodland Grassland	Low Medium Medium-Low none High Low Medium  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.15	0.0 High	Medium-High  00 0.00  17 % 14.72% 111.70%	0.14 Woodland Medium 0 0.00	0.25  Medium-Low  0.76 5.75	Low 0.00	High	Medium- High	0.91  O.91  Grassland  Medium  0.11	Medium-Low	0.27  0.27  Low	0.07  High	Medium- High	0.00 Wetland Medium	Low  O.00  Medium-Low	0.00	O.000	Medium-High M	Other Meadium Lo	O.00	0.00 Low	O.000	Built Medium-High	Medium I	Low Low  O.00  ment Medium- Low Low
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting) Woodland: Scattered trees  Enhnacement Grassland: Semi-improved neutral grassland  Offset Requirements Woodland Grassland Wetland	Low Medium Medium-Low none High Low Medium  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.15	0.0 High	Medium- High  Medium- High  14.72% 111.70% -2.64%	0.14 Woodland Medium  0 0.00	0.25  Medium- Low  0.76 5.75 -0.14	Low 0.00	High	Medium- High	0.91  O.91  Grassland  Medium  0.11	Medium-Low	0.27  0.27  Low	0.07  High	Medium- High	0.00 Wetland Medium	Low  O.00  Medium-Low	0.00	O.000	Medium-High M	Other Meadium Lo	O.00	0.00 Low	O.000	Built Medium-High	Medium I	Low Low  O.00  ment Medium- Low Low
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting) Woodland: Scattered trees  Enhnacement Grassland: Semi-improved neutral grassland  Offset Requirements Woodland Grassland Wetland Other	Low   Medium   Medium-Low   none   High   Low   Medium   O	0.15	0.0 High	Medium- High  Medium- High  14.72% 111.70% -2.64%	0.14 Woodland Medium  0 0.00	0.25  Medium-Low  0.76 5.75	Low 0.00	High	Medium- High	0.91  O.91  Grassland  Medium  0.11	Medium-Low	0.27  0.27  Low	0.07  High	Medium- High	0.00 Wetland Medium	Low  O.00  Medium-Low	0.00	O.000	Medium-High M	Other Meadium Lo	O.00	0.00 Low	O.000	Built Medium-High	Medium I	Low Low  O.00  ment Medium- Low Low
Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting) Woodland: Scattered trees  Enhnacement Grassland: Semi-improved neutral grassland  Offset Requirements Woodland Grassland Wetland	Low Medium Medium-Low none High Low Medium  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.15	0.0 High	Medium- High  Medium- High  14.72% 111.70% -2.64%	0.14 Woodland Medium  0 0.00	0.25  Medium- Low  0.76 5.75 -0.14	Low 0.00	High	Medium- High	0.91  O.91  Grassland  Medium  0.11	Medium-Low	0.27  0.27  Low	0.07  High	Medium- High	0.00 Wetland Medium	Low  O.00  Medium-Low	0.00	O.000	Medium-High M	Other Meadium Lo	O.00	0.00 Low	O.000	Built Medium-High	Medium I	Low Low  O.00  ment Medium- Low Low

5.15

B6 B6 A21 C31 n/a A3 B12	Grassland: Poor semi-improved grassland Grassland: Poor semi-improved grassland Grassland: Poor semi-improved grassland Medium Grassland: Poor semi-improved grassland Medium Other: Tall ruderal Medium Built Environment: Buildings/hardstanding Moodland: Scattered trees Medium Grassland: Semi-improved acidic grassland  Grassland: Semi-improved acidic grassland  O  O  O  O  O  O  O  O  O  O  O  O  O	n-Low 0.03	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00	0.02       0.09         0.01       0.03         0.35       1.58         0.02       0.20         0.00       0.00         0.01       0.02         0.13       1.25         0.00       0.00	0.00	2.00	0.00 <b>0.00</b> 0.00 0.00 <b>0.00</b> 0.00	2.50	3
J12 B22 A21 n/a G1 n/a A3	Grassland: Amenity grassland Grassland: Semi-improved neutral grassland Woodland: Dense continuous scrub Built Environment: Buildings/hardstanding Wetland: Standing water Built Environment: Gardens (lawn and planting) Woodland: Scattered trees Medium  0 0 0 0 0 0 0 0 0 0 0	n-Low 0.07 0.25 0.54 0.00 0.02 0.07 0.41 0.75 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00	0.09       0.02       0.00         0.00       0.00       0.00         0.00       0.00       0.00         0.00       0.00       0.00	0.00	0.00	0.15	0.00	0.38	0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
	Ecosystem Service Exiting Provisioning Regulating Cultural	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.01 0.15   ovisioning R_Pollination R_Pest of 1.16 6.17 0.24 2.51	5.03       5.98       4.40         1.99       2.56       1.57	0.00 0.00	0.00	0.00       0.00       0.00         0.00       0.00       0.00         0.00       0.00       0.00         0.00       0.00       0.00         0.00       0.00       0.00         0.00       0.00       0.00         0.00       0.00       0.00         0.00       0.00       0.00         0.00       0.00       0.00         0.00       0.00       0.00         0.00       0.00       0.00         0.12       0.09       0.12     Sthetic C_Spiritual C_Intellectural  4.57  3.65  4.80  2.38  1.91  1.93  -2.19  -1.75  -2.87	0.00 0.00

Provisioning Services  8.00	Regulating Services
6.00	6.00
2.00	2.00
0.00 Existing Future Gain/Loss	0.00 Existing Future Gain/Loss
-2.00 petops trops pulletods provisioning pr	-2.00 politication Restation Registrate Registrate Registrate Registration Registra
-6.00	-6.00



		mysical	estretic .	Spiritual C. Intellectu	al adjination	oest control	cogio <sup>go</sup>	iinate	u duality	ood protection	ser purification	josion densive o	ops (taditional c	ivestock	alld foods	kesi najei	sigh light	e <sup>t</sup> edical	isigning	
HABCODE DESCRIPTION	INFERENCE	°, °,		, C <sub>M</sub> ,	4,	δ <sub>χ</sub>	~\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	4.	, 4 <sub>2</sub> ,	\$1	4,	6 ju	۷)`	مي م	, 6, ,	94	و کُ	8 in	Prov.	<
												_								
A111 Woodland: Broad-leaved semi-natural woodland A112 Woodland: Broad-leaved plantation	Median Stakeholder value  Median Stakeholder value	5	5	5 4.	5 5	4	5 2 F	5	5 4	4.5	4	5 0	0	0.5	0	1	0	4	0 1.1 0 1.3	
A112 Woodland: Broad-leaved plantation A121 Woodland: Coniferous semi-natural woodland	Set to mean of Semi-natural BL (A111) & coniferous plantation (A122)	4.5	2.5	15	3 3.5 3 2	3	3.5 2	4 2.5	4 3	4 3	4 2.5	4 U	1	0.5	0.5 0.5	0.5	4	4.5 5	0 1.3	
A122 Woodland: Conferous plantation	Median Stakeholder value	2	2.5	2	3 45	3.5	4	2.5 4	3	3	2.5	3 0	0	2.5	0.5	0.5 N	3	2 0.		
A131 Woodland: Mixed semi-natural woodland	Set to average (A111 + A121)	4.5	4.4	41 4	1 4.3	3.5	43	4 4	4.5	4 1	3.6	46 0	0	0.5	0 1	0.9	1	4.3	0 1.1	
A132 Woodland: Mixed plantation	Set to average (A112 + A122)	3.8	3.3	2.3	3 2.8	2.5	2.8	3.3	3.5	3.5	3.3	3.8 0	0.5	0.3	0.5	0.8	2	4.8	0 1.3	
A21 Woodland: Dense continuous scrub	Median Stakeholder value	2	2	2	3 4.5		4	4	3	3	3	3 0	0.0	2.5	0	0	3	2 0.	0.5	
A22 Woodland: Scattered scrub	Set to A22	2	2	2	3 4.5	3.5	4	4	3	3	3	3 0	0	2.5	0	0	3	2 0.	0.5	
A31 Woodland: Broad-leaved parkland	Set to J12 for cultural; average (J12 + A112) for others (J12 = amenity; A112 = broadleaf plantation)	3.8	3	3 2.	5 1	2	2.3	2.5	2.5	3	3	3.3 0	0.5	0.5	0.3	0.5	0	2.3	0.8	
A3 Woodland: Scattered trees	same as A31	3.8	3	3 2.	5 1	2	2.3	2.5	2.5	3	3	3.3 0	0.5	0.5	0.3	0.5	0	2.3	0.8	
A32 Woodland: Coniferous parkland	Set to J12 for cultural; average (J12 + A122) for others (J12 = amenity; A122 = Conifer plantation)	2.8	1.8	1.3 1.	-	1.5	1.5	1.8	2	2.5	2.3	3 0	0	8.0	0.3	0.3	2	2.5	0 0.7	
A4 Woodland: Recently felled woodland	Set to J4 (bare ground) with reduced habitat (3>1) and soil-related variables set to those ofA132 (mixed plantation)	1	1	0 0.	5 1	1	1	0	0	1	3.3	0 0	0	0	0	8.0	0	0	0 0.2	
A5 Woodland: Orchard	Set to A112 with modified food provision (A112 = BL plantation)	4.5	4	3	3 3.5	3	3.5	4	4	4	4	4 0	3	0	0.5	1	0	4.5	0 1.7	
A6 Woodland: Wet woodland B11 Grassland: Unimproved acidic grassland	CT Added Median Stakeholder value	5 3.5	4 4.5	2	2 2.5	2.5	5 5	2	4	5 2	5	5 0	2	1	0.5	2	3 0	2	1 1.4 0.5 0.6	
B11 Grassland: Unimproved acidic grassland B12 Grassland: Semi-improved acidic grassland	Set to B11	3.5	4.5 4.5	3	1 5	4	5 5	ა ვ	ა ვ	ა ვ	ა ვ	4 0	0	ა ვ	0.5	0	0	0 0.	0.5 0.6	
B21 Grassland: Unimproved deadle grassland  Grassland: Unimproved neutral grassland	Median Stakeholder value	4	4.5	3	4 5	4	5	3	3	3	3	4 0	0	3	0.5	0	0	0 0.	0 0.6	
B22 Grassland: Semi-improved neutral grassland	Set to B21	4	4	3	4 5	4	5	3	3	3	3	4 0	0	3	0.5	0	0	0	0 0.6	
B31 Grassland: Unimproved calcareous grassland	Median Stakeholder value	3.5	4.5	3	4 5	4	5	3	3	3	2.5	4 0	0	3	0.5	0	0	0	0 0.6	
B32 Grassland: Semi-improved calcareous grassland	Set to B31	3.5	4.5	3	4 5	4	5	3	3	3	2.5	4 0	0	3	0.5	0	0	0	0 0.6	
B4 Grassland: Improved grassland	Median Stakeholder value	1	1	1	1 1	1	1	1	1	2	1.5	2.5 1.5	0	5	0	0	0	0	0 1.3	
B5 Grassland: Marsh / Marshy grassland	Median Stakeholder value	3	4	3	4 5	3.5	5	3	3	4	4	4 0	0	3.5	0.5	1	0	0 0.	0.5	
B6 Grassland: Poor semi-improved grassland	Set to mean of B4 and B22 (IG and Neutral grassland)	2.5	2.5	2 2.		2.5	3	2	2	2.5	2.3	3.3 0.8	0	4	0.3	0	0	0	0 1	
C11 Other: Continuous bracken	Set to C31	1.5	2	1.5 2.	5	4	4	3	2.5	2	2.5	3 0	0	1.5	0.5	0.5	0	0 0.	.5 0.4	
C31 Other: Tall ruderal C32 Other: Non-ruderal	Median Stakeholder value	1.5	2	1.5 2. 1.5 2.		4	4	3	2.5	2	2.5	3 0	0	1.5	0.5	0.5 0.5	0	0 0.	0.4 0.5 0.4	
C32 Other: Non-ruderal D5 Grassland: Dry heath / Acidic grassland mosaic	Set to C31 Median Stakeholder value	1.5	4.5	1.5 2.	5	3.5	4 5	ა ვნ	2.5 2	2	2.5	3 0	0	1.5 2.5	0.5 0.5	0.5 0	0	0 0.	.5 0.4	
E11 Wetland: Sphagnum Bog	Set to B5 with some expert modification (Pam) to reflect differences	2	4.5 4	3	+ 5 4 4	3.5	5	3.5	3	3 <b>4</b>	4	3.5 0 4 n	0	1.5	0.5	1.5	0	0 0.	0.5 0.6	
E21 Wetland: Acid/neutral flush	Set to B5 with some expert modification (Pam) to reflect differences	2	4	3	4 4	3.5	5	3.5	3	4	4	4 0	0	1.5	0.5	1	0	0 0.	.5 0.5	
E32 Wetland: Basin Mire	Set to B5 with some expert modification (Pam) to reflect differences	2	4	3	4 4	3.5	5	3.5	3	4	4	4 0	0	1.5	0.5	1.5	0	0 0.	0.5	
F1 Wetland: Swamp	Set to B5 with some expert modification (Pam) to reflect differences	2	4	3	4 4	3.5	5	3.5	3	4	4	4 0	0	1.5	0.5	1.5	0	0 0.	0.6	
F22 Wetland: Inundation vegetation	Set to B5 with some expert modification (Pam) to reflect differences	2	4	3	4 4	3.5	5	3.5	3	4	4	4 0	0	1.5	0.5	1	0	0 0.	0.5	
G1 Wetland: Standing water	Median Stakeholder value	4	5	5	4 2.5	2	5	2.5	2	2.5		0.5 0	0	1	1.5	5	0	0 0.	.5 1.2	
G2 Wetland: Running water	Set to G1 (sthanding water)	4	5	5	4 2.5	2	5	2.5	2	2.5	3.5	0.5 0	0	1	1.5	5	0	0 0.	.5 1.2	
Other: Quarry	Set to J4 (bare ground)	1	1	0 0.	5 1	1	3	0	0	1	1	0 0	0	0	0	0	0	0	0 0	
Other: Spoil Other: Refuse tip	Set to J4 (bare ground)	1	1	0 0. 0 0.		1	3	0	0	1	1	0 0	0	0	0	0	0	0	0 0	
J11 Other: Arable	Set to J4 (bare ground)  Median Stakeholder value	1	1	0 0.	) I 1 1	1	0 5	1.5	1	1	1	1 5	4	1	0	0	0	0	1 2	
J112 Other: Allotments	Set to J12 (amenity) with increased food provision, reduced arable and more intellectual /spiritual interactions	2	1	0.5	1 2 1	1	0.5	1.5	1	2	2	25 0	4	0	0	0	0	0	0 0.8	
J113 Grassland: Set-aside / Arable field margins	CT Added	1	1	1	1 5	5	4	4	25	3	4	4 0	1	1	1	0	1	0	0 0.0	
J12 Grassland: Amenity grassland	Median Stakeholder value	2.5	1	1 0.	5 1	1	1	1	1	2	2	2.5 0	0	1	0	0	0	0	0 0.2	
113 Other: Ephemeral/short perennial	set to C31 (tall ruderal)	1.5	2	1.5 2.	5 5	4	4	3	2.5	2	2.5	3 0	0	1.5	0.5	0.5	0	0 0.	0.5 0.4	
J14 Other: Introduced shrub	set to C31 (tall ruderal)	1.5	2	1.5 2.	_	4	4	3	2.5	2	2.5	3 0	0	1.5	0.5	0.5	0	0 0.	0.5 0.4	
J4 Other: Bare ground	Median Stakeholder value	0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0	
URB Built Environment: Buildings/hardstanding	Median Stakeholder value	0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0	
B51 Wetland: Reedbed	Set to B5 - WCC set	3	4	3	4 5	3.5	5	3	3	4	4	4 0	0	3.5	0.5	1	0	0 0.	0.9	
n/a Built Environment: Gardens (lawn and planting)	- WCC set	3	2	1.5	1 1.5	1	1.5	0.5	1	1	0.5	1 0	0	0	0	0	0	0	0 0	
n/a Other: Vertical face (correction factor)	- WCC set	_	-			_	. =		_				_	_	_	_	_			
n/a Other: Living Wall	same as garden - WCC set	3	2	1.5	1 1.5	1	1.5	0.5	1	1	0.5	1 0	0	0	0	0	0	0	0	
n/a Other: Living roof - Extensive	same as garden - WCC set	3	2	1.5	1.5	1	1.5	0.5	1	1	0.5	1 0	0	0	Ü	U	U	U	U	
n/a Other: Living roof - Semi-intensive	same as garden - WCC set	3	2	1.5	1 1.5	1	1.5	0.5	1	1	0.5	1 0	0	0	0	0	0	U	U	

Other: Living roof - Brown Other: Living roof - Mosaic

Index Link 3.61% 1.752242
Insurance Fund 10.00%
Management Cost 20.00%

Woodland

Biodiversity Impact Score	Primary habitat required in offset	Target l distincti		Target habitat	condition	Time til cond	•	Difficulty (	of creation	Non- strategic area	Hectares of habitat required
		Distinctiven			l _	Time		D: 11			
		ess	Score	Condition	Score	(years)	Score	Difficulty	Score		
-0.56	Woodland: Broad-leaved semi-natural woodland	High	6	Moderate	2	30	2.8	Medium	1.5	2	1.31

Provider Agreement Set- up costs	Average Woodland creation cost per ha	Woodland maintenance cost per ha for 30 years	30 yrs Maintenance Cost plus inflation at	Estimated cost of offset	Insurance Contribution (index linked)	Management Cost (index linked)	Total Cost of Offset Contribution
Т	_	£184 x 30 = J	J x 1.75 = K	H+I+K=L	М	Ν	L + M + N
£7,000	£1,584	£5,520	3.61%		10%	20%	
£7,000	£2,069.76	£7,212.80	£12,638.57	£21,708.33	£3,798.96	£7,597.92	£33,106.00
					Cost per ha	of habitat created	£25,336.22
						Cost per unit	£59,117.86

### Grassland

	Biodiversity Impact Score	Primary napitat required in ottset		habitat veness	Target habitat	condition	Time till condi	•	Difficulty (	of creation	Non- strategic area	Hectares of habitat required
			Distinctiven				Time					
L			ess	Score	Condition	Score	(years)	Score	Difficulty	Score		
- [												
	-4.27	Grassland: Semi-improved neutral grassland	Medium	4	Good	3	25	2.4	Medium	1.5	2	6.41

	Average Meadow creation cost per ha	Meadow maintenance cost per ha for 30 years	30 yrs Maintenance Cost plus inflation at	Estimated cost of offset	Insurance Contribution (index linked)	Management Cost (index linked)	Total Cost of Offset Contribution
Н	_	£227 x 30 = J	J x 1.75 = K	H+I+K=L	М	N	L + M + N
£7,000	£1,686	£6,810	3.61%		10%	20%	
£7,000	£10,798.83	£43,618.05	£76,429.38	£94,228.21	£16,489.94	£32,979.87	£143,699.00
					Cost per ha	of habitat created	£22,435.44
						Cost per unit	£33,653.16

Werland

Biodiversity Impact Score	Primary nabitat required in offset	Target habitat distinctiveness		Target habitat	et habitat condition		Time till target condition		Difficulty of creation		Hectares of habitat required
		Distinctiven ess		Condition	l .	Time (years)	Score	Difficulty	Score		
0.00	Wetland: Standing Water	High	6	Moderate	2	10	1.4	Medium	1.5	2	0.00

Pond	Cluster	size	4

Number of Ponds to be created	Number of Pond clusters to be created	Provider Agreement Set-up costs	Average Pond creation cost per pond	Pond maintenance cost per pond for 30 years	30 yrs Maintenance Cost plus inflation at	Estimated cost of offset	Insurance Contribution (index linked)	Management Cost (index linked)	Total Cost of Offset Contribution	
Н	ı	J	К	£70 x 30 = L	L x 1.75 = M	I + J + L = N	О	Р	N + O + P	
L / 0.017ha (av. Pond size)		£7000 per pond cluster	£1,212	£2,100	3.61%		10%	20%		
0	0.00	£0	£0.00	£0.00	£0.00	£0.00	£0.00	£0.00	£0.00	
		Cost per p	ond cluster created	£0.00						
								Cost per unit	£0.00	

Average HS2 pond

Stoneleigh otter

Burton Green

Burton Green

Finham Brook ponds Finham Brook ponds Finham Brook ponds

167 0.017

300

Biodiversity Impact Score	Primary habitat required in offset	Target habitat distinctiveness		Target habitat condition		Time till target condition		Difficulty of creation		Strategic Area	Km of habitat	
		Distinctiven				Time					required	
		ess	Score	Condition	Score	(years)	Score	Difficulty	Score			l
-0.06	species rich hedge with trees	Medium-high	5	Good	3	20	2	Low	1	1	0.01	
				_		_					10.91	metres

Provider Agreement Set- up costs	Average Hedgerow creation cost per km	Hedgerow maintenance cost per km for 30 years	30 yrs Maintenance Cost plus inflation at	<b> </b>		Management Cost (index linked)	Total Cost of Offset Contribution
Н	_	£7270 x 30 = J	J x 1.75 = K	H+I+K=L	М	N	L + M + N
£7,000	£9,400	£218,100	3.61%	111111111111111111111111111111111111111	10%	20%	2 1 111 1 11
£7,000	£102.55	£2,379.27	£4,169.06	£11,271.61	£1,972.53	£3,945.06	£17,190.00
	£9.40 per metre	£7.27 per metre			Cost per ha	of habitat created	£1,575,750.00
						Cost per unit	£286,500.00