The Biodiversity Metric 3.1 - Calculation Tool
Start page

Project details	
Planning authority:	North Lincolnshire
Project name:	Barrow Road, Barton-upon-Humber
Applicant:	Strata
Application type:	Full PP
Planning application reference:	PA/2023/1607
Assessor:	Mitchel Greenhalgh
Reviewer:	
Metric version:	3.1
Assessment date:	09/02/2023
Planning authority reviewer:	Andrew Taylor

Cell style conventions	
	Enter data
	Automatic lookup
	Result

Instructions

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Results

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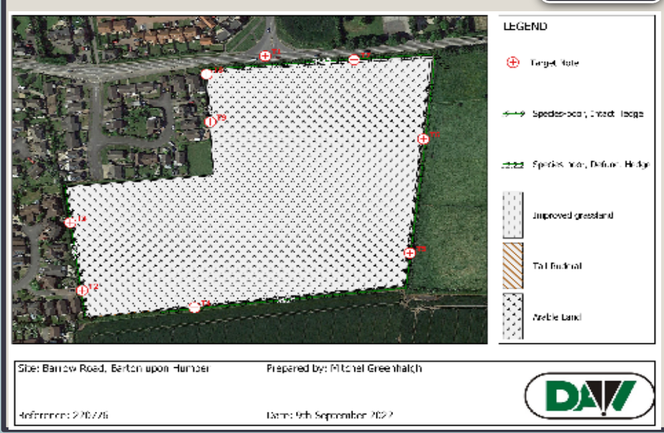
Reset view

On-site baseline map

Insert



On-site post intervention map

Insert

Off-site baseline map

Insert

Off-site post intervention map

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The Biodiversity Metric 3.1 - Calculation Tool Instructions

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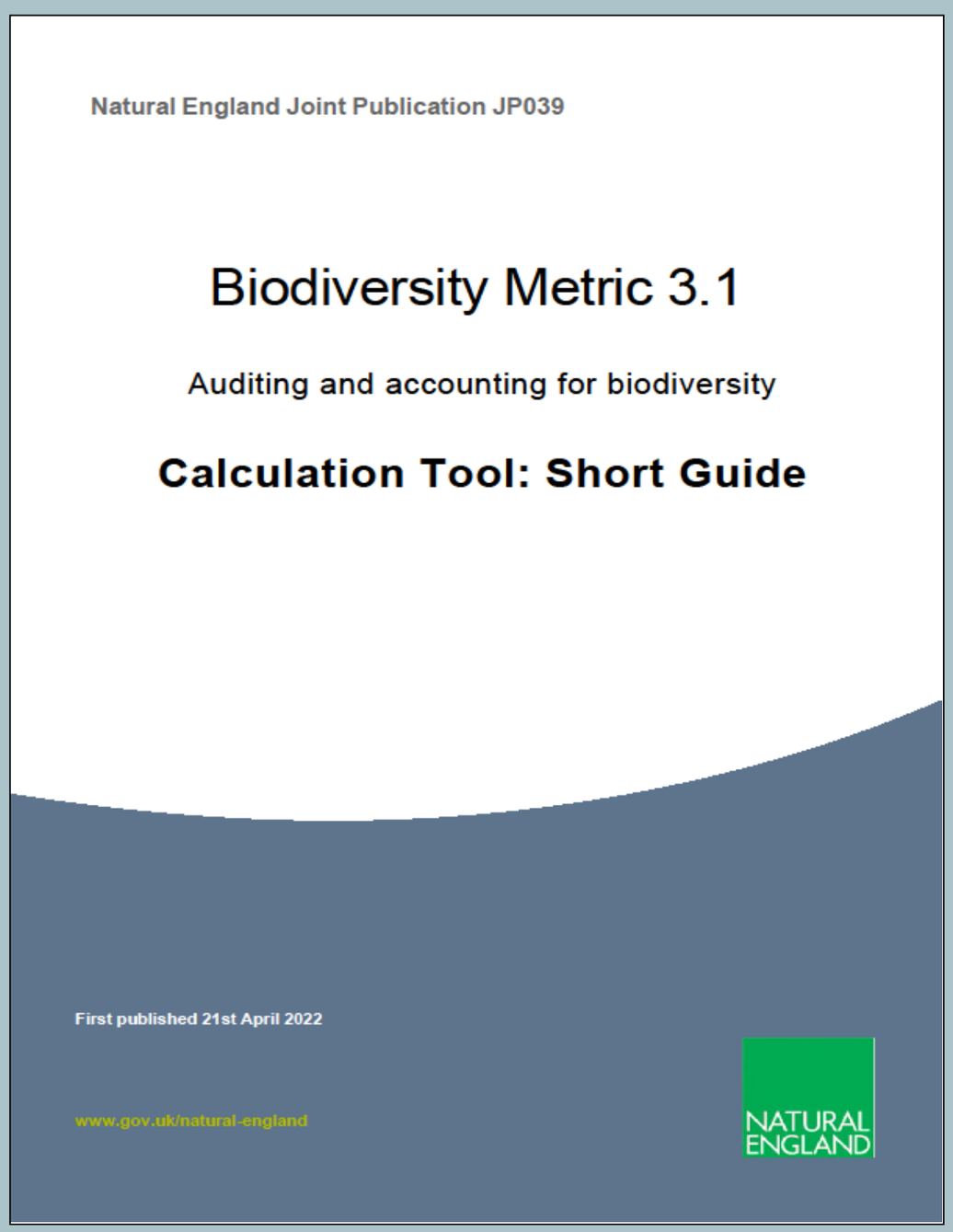
Main menu

Double click the front page below to open the file



Natural England Joint Publication JP039

Biodiversity Metric 3.1

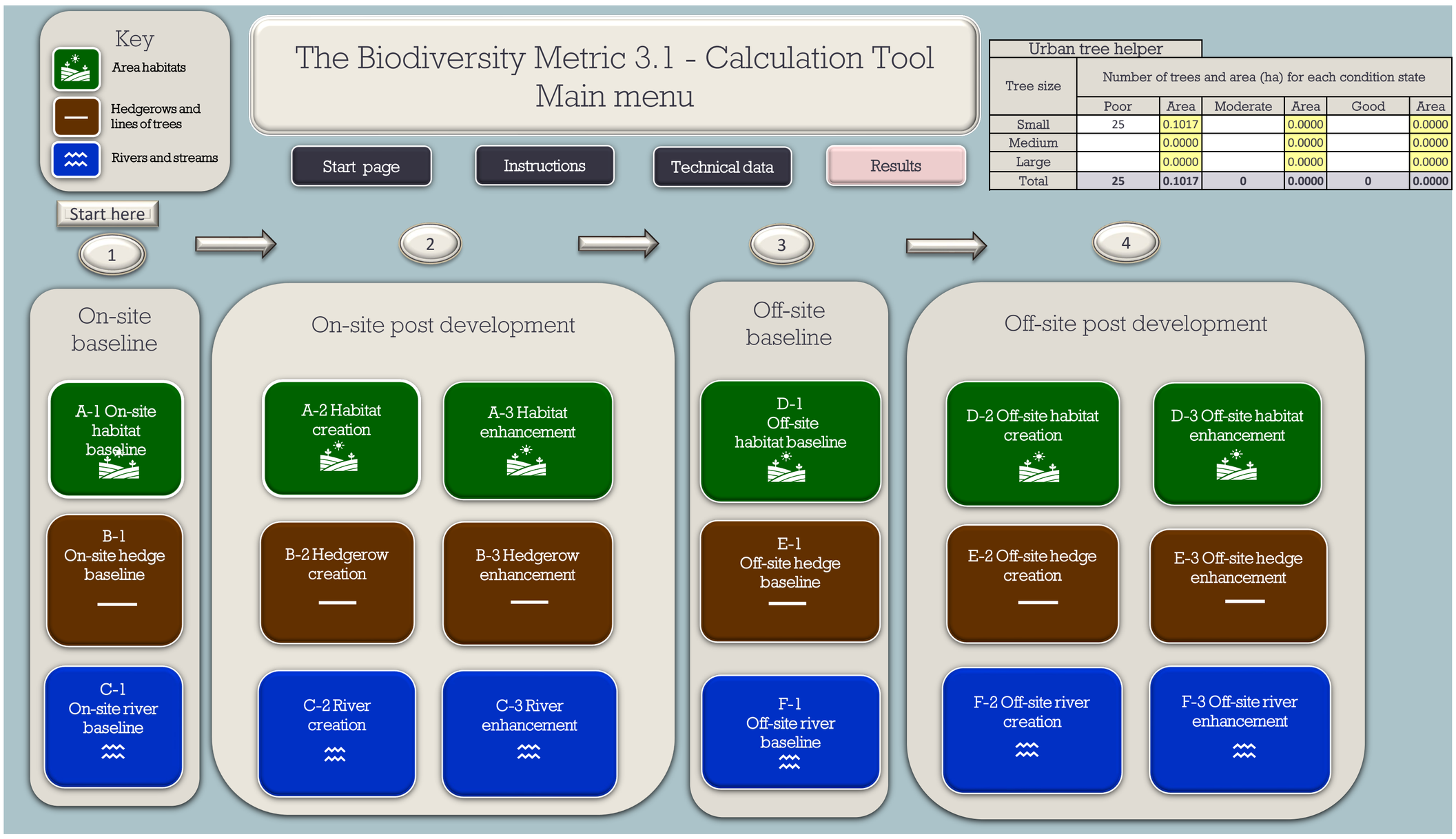
Auditing and accounting for biodiversity

Calculation Tool: Short Guide

First published 21st April 2022

www.gov.uk/natural-england

NATURAL ENGLAND



Urban tree helper

Tree size	Number of trees and area (ha) for each condition state					
	Poor	Area	Moderate	Area	Good	Area
Small	25	0.1017		0.0000		0.0000
Medium		0.0000		0.0000		0.0000
Large		0.0000		0.0000		0.0000
Total	**25**	**0.1017**	**0**	**0.0000**	**0**	**0.0000**

The Biodiversity Metric 3.1 - Calculation Tool Results

Return to start page

Headline results

Detailed results

Habitat trading summary

Barrow Road, Barton-upon-Humber

Headline Results

Return to

On-site baseline	*Habitat units*	12.39
	Hedgerow units	1.55
	River units	0.00
On-site post-intervention (Including habitat retention, creation & enhancement)	*Habitat units*	9.55
	Hedgerow units	1.15
	River units	0.00
On-site net % change (Including habitat retention, creation & enhancement)	*Habitat units*	-22.90%
	Hedgerow units	-25.56%
	River units	0.00%
Off-site baseline	*Habitat units*	0.00
	Hedgerow units	0.00
	River units	0.00
Off-site post-intervention (Including habitat retention, creation & enhancement)	*Habitat units*	0.00
	Hedgerow units	0.00
	River units	0.00
Total net unit change (including all on-site & off-site habitat retention, creation & enhancement)	*Habitat units*	-2.84
	Hedgerow units	-0.40
	River units	0.00
Total on-site net % change plus off-site surplus (including all on-site & off-site habitat retention, creation & enhancement)	*Habitat units*	-22.90%
	Hedgerow units	-25.56%
	River units	0.00%
Trading rules Satisfied?	No - Check Trading Summary ▲	

Barrow Road, Barton-upon-Humber

A-1 Site Habitat Baseline

Condense / Show Columns | Condense / Show Rows

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	Habitats and areas			Distinctiveness	Condition	Strategic significance	Suggested action to address habitat losses	Ecological baseline	Retention category biodiversity value						Bespoke compensation agreed for unacceptable losses	Comments	
Ref	Broad Habitat	Habitat Type	Area (hectares)	Distinctiveness	Condition	Strategic significance		Total habitat units	Area retained	Area enhanced	Baseline units retained	Baseline units enhanced	Area habitat lost	Units lost		Assessor comments	Reviewer comments
1	Cropland	Cereal crops	5.6755	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	11.35	0		0.00	0.00	5.68	11.35			OK
2	Grassland	Modified grassland	0.2908	Low	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	0.58	0		0.00	0.00	0.29	0.58			OK
3	Sparsely vegetated land	Ruderal/Ephemeral	0.0273	Low	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	0.05	0		0.00	0.00	0.03	0.05			OK
4	Grassland	Modified grassland	0.1993	Low	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	0.40	0.1151		0.23	0.00	0.08	0.17			OK
5	Urban	Developed land; sealed surface	0.3684	V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Compensation Not Required	0.00	0.3146		0.00	0.00	0.05	0.00			OK
6																	
7																	
8																	
9																	
		Total habitat area	6.56					12.39	0.43	0.00	0.23	0.00	6.13	12.16			

Total area lost (excluding area of Urban trees and Green walls)	6.13

Barrow Road, Barton-upon-Humber

A-2 Site Habitat Creation

Condense / Show Columns | Condense / Show Rows

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Post development/ post intervention habitats																						
			Distinctiveness		Condition		Strategic significance			Temporal multiplier						Difficulty multipliers					Comments	
Broad Habitat	Proposed habitat	Area (hectares)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic position multiplier	Standard time to target condition/years	Habitat created in advance/years	Delay in starting habitat creation/years	Standard or adjusted time to target condition	Final time to target condition/years	Final time to target multiplier	Standard difficulty of creation	Applied difficulty multiplier	Final difficulty of creation	Difficulty multiplier applied	Habitat units delivered	Assessor comments	Reviewer comments
Urban	Developed land; sealed surface	3.3655	V.Low	0	N/A - Other	0	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	0	0	0	Standard time to target condition applied	0	1.000	Low	Standard difficulty applied	Medium	0.67	0.00	Areas throughout corrected in line with final masterplan	OK
Urban	Vegetated garden	1.8793	Low	2	Condition Assessment N/A	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	1	0	0	Standard time to target condition applied	1	0.965	Low	Standard difficulty applied	Low	1	3.63		OK
Heathland and shrub	Mixed scrub	0.0281	Medium	4	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	1	0	0	Standard time to target condition applied	1	0.965	Low	Standard difficulty applied	Low	1	0.11		criteria 1 & 3 (out of 5) likely to be passed. Corrected to poor condition
Grassland	Modified grassland	0.0916	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	1	0	0	Standard time to target condition applied	1	0.965	Low	Standard difficulty applied	Low	1	0.18		OK
Grassland	Other neutral grassland	0.7651	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	5	0	0	Standard time to target condition applied	5	0.837	Low	Standard difficulty applied	Low	1	5.12		Proposed RE9 mix includes negative indicator species. Another mix should be chosen. Otherwise, Moderate condition is possible
Urban	Urban Tree	0.1017	Medium	4	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	10	0	0	Standard time to target condition applied	10	0.700	Low	Standard difficulty applied	Low	1	0.28		criteria 1 & 2 (out of 6) likely to be passed. Corrected to poor condition
	Total habitat area	6.23																	Total Units	9.32		

Site Area (Excluding area of Urban trees and Green walls)	6.13

B-1 Site Hedge Baseline

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	UK Habitats - existing habitats			Habitat distinctiveness		Habitat condition		Strategic significance				Ecological baseline	Retention category biodiversity value						Comments	
Baseline ref	Hedge number	Hedgerow type	Length (km)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic position multiplier	Suggested action to address habitat losses	Total hedgerow units	Length retained	Length enhanced	Units retained	Units enhanced	Length lost	Units lost	Assessor comments	Reviewer comments
1		Native Hedgerow	0.774	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness band or better	1.55	0.498		1.00	0.00	0.28	0.55		OK
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
			0.77									1.55	0.50	0.00	1.00	0.00	0.28	0.55		

B-2 Site Hedge Creation

Condense / Show Columns | Condense / Show Rows

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		Proposed habitats		Habitat distinctiveness		Habitat condition		Strategic significance			Temporal multiplier						Difficulty risk multipliers				Hedge units delivered	Comments	
Baseline ref	New hedge number	Habitat type	Length (km)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic position multiplier	Standard Time to target condition/years	Habitat created in advance/years	Delay in starting habitat creation/years	Standard or adjusted time to target condition	Final time to target condition/years	Final time to target multiplier	Standard difficulty of creation	Applied difficulty multiplier	Final difficulty of creation	Difficulty multiplier applied		Assessor comments	Reviewer comments
1		Native Hedgerow	0.081	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	1	0	0	Standard time to target condition applied	1	0.965	Low	Standard difficulty applied	Low	1	0.16		Lengths and specifications are not provided in the plan. But this seems possible.
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			0.08																		0.16		

Return to start

Habitat Description	Distinctivness		Creation - Years to Target Condition			Enhancement Through Condition - Years to Target Condition			Enhancement Through Distinctiveness - Years to Target Condition												Difficulty		Suggested Action
	Distinctivness Category	Distinctivness Score	Poor	Moderate	Good	Poor - Moderate	Poor - Good	Moderate - Good	Native Species Rich Hedgerow with trees - Associated with bank or ditch	Native Species Rich Hedgerow with trees	Native Species Rich Hedgerow - Associated with bank or ditch	Native Hedgerow with trees - Associated with bank or ditch	Native Species Rich Hedgerow	Native Hedgerow with trees	Line of Trees (ecologically valuable)	Line of Trees (ecologically valuable) - with Bank or Ditch	Native Hedgerow	Line of Trees	Line of Trees - associated with bank or ditch	Hedge Ornamental Non Native	Technical Difficulty Creation	Technical Difficulty Enhancement	
Native Species Rich Hedgerow with trees - Associated with bank or ditch	V.High	8	1	10	20	6	10	4	Error	Error	Error	Error	Error	Error	Error	Error	Error	Error	Error	Error	Low	Low	Like for like
Native Species Rich Hedgerow with trees	High	6	1	10	20	6	10	4	5	Error	Error	Error	Error	Error	Error	Error	Error	Error	Error	Error	Low	Low	Like for like or better
Native Species Rich Hedgerow - Associated with bank or ditch	High	6	1	5	12	3	5	2	10	Error	Error	Error	Error	Error	Error	Error	Error	Error	Error	Error	Low	Low	Like for like or better
Native Hedgerow with trees - Associated with bank or ditch	High	6	1	10	20	6	10	4	5	Error	Error	Error	Error	Error	Error	Error	Error	Error	Error	Error	Low	Low	Like for like or better
Native Species Rich Hedgerow	Medium	4	1	5	12	3	5	2	10	10	5	10	Error	Error	Error	Error	Error	Error	Error	Error	Low	Low	Like for like or better
Native Hedgerow - Associated with bank or ditch	Medium	4	1	5	12	3	5	2	10	10	5	10	Error	Error	Error	Error	Error	Error	Error	Error	Low	Low	Like for like or better
Native Hedgerow with trees	Medium	4	1	10	20	6	10	4	5	5	5	5	Error	Error	Error	Error	Error	Error	Error	Error	Low	Low	Like for like or better
Line of Trees (Ecologically Valuable)	Medium	4	5	20	30+	20	30	10	12	12	Error	12	Error	Error	Error	Error	Error	Error	Error	Error	Low	Low	Like for like or better
Line of Trees (Ecologically Valuable) - with Bank or Ditch	Medium	4	5	20	30+	20	30	10	12	12	Error	12	Error	Error	Error	Error	Error	Error	Error	Error	Low	Low	Like for like or better
Native Hedgerow	Low	2	1	5	12	3	5	2	10	10	5	10	5	6	10	Error	Error	Error	Error	Error	Low	Low	Same distinctiveness band or better
Line of Trees	Low	2	5	20	30+	20	30	10	12	12	Error	12	Error	Error	12	Error	Error	Error	Error	Error	Low	Low	Same distinctiveness band or better
Line of Trees - Associated with bank or ditch	Low	2	5	20	30+	20	30	10	12	12	Error	12	Error	Error	12	Error	Error	Error	Error	Error	Low	Low	Same distinctiveness band or better
Hedge Ornamental Non Native	V.Low	1	1	N/A	N/A	N/A	N/A	N/A	Error	Error	Error	Error	Error	Error	Error	Error	Error	Error	Error	Error	Low	Low	Same distinctiveness band or better

Condition	
Condition Category	Condition Score
Good	3
Moderate	2
Poor	1

Enhancement through Distinctiveness	Post Development Hedge Type												
Baseline Hedge Type	Native Species Rich Hedgerow with trees - Associated with bank or ditch	Native Species Rich Hedgerow with trees	Native Species Rich Hedgerow - Associated with bank or ditch	Native Hedgerow with trees - associated with bank or ditch	Native Species Rich Hedgerow	Native Hedgerow - associated with bank or ditch	Native Hedgerow with trees	Line of Trees (ecologically valuable)	Line of Trees (ecologically valuable) - with bank or ditch	Native Hedgerow	Line of Trees	Line of Trees - Associated with bank or ditch	Hedge Ornamental Non Native
Native Species Rich Hedgerow with trees - Associated with bank or ditch	V.High - V.High	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down
Native Species Rich Hedgerow with trees	High - V.High	High - High	High - High	High - High	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down
Native Species Rich Hedgerow - Associated with bank or ditch	High - V.High	High - High	High - High	High - High	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down
Native Hedgerow with trees - Associated with bank or ditch	High - V.High	High - High	High - High	High - High	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down
Native Species Rich Hedgerow	Medium - V.High	Medium - High	Medium - High	Medium - High	Medium - Medium	Medium - Medium	Medium - Medium	Error - Enhancement not possible	Error - Enhancement not possible	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down
Native Hedgerow - Associated with bank or ditch	Medium - V.High	Medium - High	Medium - High	Medium - High	Medium - Medium	Medium - Medium	Medium - Medium	Error - Enhancement not possible	Error - Enhancement not possible	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down
Native Hedgerow with trees	Medium - V.High	Medium - High	Medium - High	Medium - High	Medium - Medium	Medium - Medium	Medium - Medium	Medium - Medium	Medium - Medium	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down
Line of Trees (ecologically valuable)	Medium - V.High	Medium - High	Error - Enhancement not possible	Medium - High	Error - Enhancement not possible	Error - Enhancement not possible	Medium - Medium	Medium - Medium	Medium - Medium	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down
Line of Trees (ecologically valuable) - with bank or ditch	Medium - V.High	Medium - High	Error - Enhancement not possible	Medium - High	Error - Enhancement not possible	Error - Enhancement not possible	Medium - Medium	Medium - Medium	Medium - Medium	Error Trading Down	Error Trading Down	Error Trading Down	Error Trading Down
Native Hedgerow	Low - V.High	Low - High	Low - High	Low - High	Low - Medium	Low - Medium	Low - Medium	Error - Enhancement not possible	Error - Enhancement not possible	Low - Low	Error - Enhancement not possible	Error - Enhancement not possible	Error Trading Down
Line of Trees	Low - V.High	Low - High	Error - Enhancement not possible	Low - High	Error - Enhancement not possible	Error - Enhancement not possible	Low - Medium	Error - Enhancement not possible	Error - Enhancement not possible	Error - Enhancement not possible	Low - Low	Low - Low	Error Trading Down
Line of Trees - Associated with bank or ditch	Low - V.High	Low - High	Error - Enhancement not possible	Low - High	Error - Enhancement not possible	Error - Enhancement not possible	Low - Medium	Error - Enhancement not possible	Error - Enhancement not possible	Error - Enhancement not possible	Low - Low	Low - Low	Error Trading Down
Hedge Ornamental Non Native	Error - Enhancement not possible	Error - Enhancement not possible	Error - Enhancement not possible	Error - Enhancement not possible	Error - Enhancement not possible	Error - Enhancement not possible	Error - Enhancement not possible	Error - Enhancement not possible	Error - Enhancement not possible	Error - Enhancement not possible	Error - Enhancement not possible	Error - Enhancement not possible	V.Low - V.Low

Return to start

Habitat Description	Condition						
	Good	Fairly Good	Moderate	Fairly Poor	Poor	Condition Assessment N/A	N/A - Other
Cropland - Arable field margins cultivated annually	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible	1	Not Possible
Cropland - Arable field margins game bird mix	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible	1	Not Possible
Cropland - Arable field margins pollen & nectar	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible	1	Not Possible
Cropland - Arable field margins tussocky	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible	1	Not Possible
Cropland - Cereal crops	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible	1	Not Possible
Cropland - Cereal crops winter stubble	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible	1	Not Possible
Cropland - Horticulture	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible	1	Not Possible
Cropland - Intensive orchards	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible	1	Not Possible
Cropland - Non-cereal crops	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible	1	Not Possible
Cropland - Temporary grass and clover leys	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible	1	Not Possible
Grassland - Traditional orchards	3	2.5	2	1.5	1	Not Possible	Not Possible
Grassland - Bracken	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible	1	Not Possible
Grassland - Floodplain Wetland Mosaic (CFGM)	3	2.5	2	1.5	1	Not Possible	Not Possible
Grassland - Lowland calcareous grassland	3	2.5	2	1.5	1	Not Possible	Not Possible
Grassland - Lowland dry acid grassland	3	2.5	2	1.5	1	Not Possible	Not Possible
Grassland - Lowland meadows	3	2.5	2	1.5	1	Not Possible	Not Possible
Grassland - Modified grassland	3	2.5	2	1.5	1	Not Possible	Not Possible
Grassland - Other lowland acid grassland	3	2.5	2	1.5	1	Not Possible	Not Possible
Grassland - Other neutral grassland	3	2.5	2	1.5	1	Not Possible	Not Possible
Grassland - Tall herb communities (H6430)	3	2.5	2	1.5	1	Not Possible	Not Possible
Grassland - Upland acid grassland	3	2.5	2	1.5	1	Not Possible	Not Possible
Grassland - Upland calcareous grassland	3	2.5	2	1.5	1	Not Possible	Not Possible
Grassland - Upland hay meadows	3	2.5	2	1.5	1	Not Possible	Not Possible
Heathland and shrub - Blackthorn scrub	3	2.5	2	1.5	1	Not Possible	Not Possible
Heathland and shrub - Bramble scrub	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible	1	Not Possible
Heathland and shrub - Gorse scrub	3	2.5	2	1.5	1	Not Possible	Not Possible
Heathland and shrub - Hawthorn scrub	3	2.5	2	1.5	1	Not Possible	Not Possible
Heathland and shrub - Hazel scrub	3	2.5	2	1.5	1	Not Possible	Not Possible
Heathland and shrub - Lowland Heathland	3	2.5	2	1.5	1	Not Possible	Not Possible
Heathland and shrub - Mixed scrub	3	2.5	2	1.5	1	Not Possible	Not Possible
Heathland and shrub - Mountain heaths and willow scrub	3	2.5	2	1.5	1	Not Possible	Not Possible
Heathland and shrub - Rhododendron scrub	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible	1	Not Possible
Heathland and shrub - Sea buckthorn scrub (Annex 1)	3	2.5	2	1.5	1	Not Possible	Not Possible
Heathland and shrub - Sea buckthorn scrub (other)	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible	1	Not Possible
Heathland and shrub - Upland Heathland	3	2.5	2	1.5	1	Not Possible	Not Possible
Lakes - Aquifer fed naturally fluctuating water bodies	3	2.5	2	1.5	1	Not Possible	Not Possible
Lakes - High alkalinity lakes	3	2.5	2	1.5	1	Not Possible	Not Possible
Lakes - Low alkalinity lakes	3	2.5	2	1.5	1	Not Possible	Not Possible
Lakes - Marl Lakes	3	2.5	2	1.5	1	Not Possible	Not Possible
Lakes - Moderate alkalinity lakes	3	2.5	2	1.5	1	Not Possible	Not Possible
Lakes - Peat Lakes	3	2.5	2	1.5	1	Not Possible	Not Possible
Lakes - Ponds (Priority Habitat)	3	2.5	2	1.5	1	Not Possible	Not Possible
Lakes - Ponds (Non- Priority Habitat)	3	2.5	2	1.5	1	Not Possible	Not Possible
Lakes - Reservoirs	3	2.5	2	1.5	1	Not Possible	Not Possible
Lakes - Temporary lakes, ponds and pools	3	2.5	2	1.5	1	Not Possible	Not Possible
Sparsely vegetated land - Calaminarian grasslands	3	2.5	2	1.5	1	Not Possible	Not Possible
Sparsely vegetated land - Coastal sand dunes	3	2.5	2	1.5	1	Not Possible	Not Possible
Sparsely vegetated land - Coastal vegetated shingle	3	2.5	2	1.5	1	Not Possible	Not Possible
Sparsely vegetated land - Ruderal/Ephemeral	3	2.5	2	1.5	1	Not Possible	Not Possible
Sparsely vegetated land - Inland rock outcrop and scree habitats	3	2.5	2	1.5	1	Not Possible	Not Possible
Sparsely vegetated land - Limestone pavement	3	2.5	2	1.5	1	Not Possible	Not Possible
Sparsely vegetated land - Maritime cliff and slopes	3	2.5	2	1.5	1	Not Possible	Not Possible
Sparsely vegetated land - Other inland rock and scree	3	2.5	2	1.5	1	Not Possible	Not Possible
Urban - Allotments	3	2.5	2	1.5	1	Not Possible	Not Possible
Lakes - Ornamental lake or pond	3	2.5	2	1.5	1	Not Possible	Not Possible
Urban - Artificial unvegetated, unsealed surface	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible	0
Urban - Bioswale	3	2.5	2	1.5	1	Not Possible	Not Possible
Urban - Intensive green roof	3	2.5	2	1.5	1	Not Possible	Not Possible
Urban - Built linear features	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible	0
Urban - Cemeteries and churchyards	3	2.5	2	1.5	1	Not Possible	Not Possible
Urban - Developed land; sealed surface	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible	0
Urban - Other green roof	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible	1	Not Possible
Urban - Facade-bound green wall	3	2.5	2	1.5	1	Not Possible	Not Possible
Urban - Ground based green wall	3	2.5	2	1.5	1	Not Possible	Not Possible
Urban - Ground level planters	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible	1	Not Possible
Urban - Biodiverse green roof	3	2.5	2	1.5	1	Not Possible	Not Possible
Urban - Introduced shrub	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible	1	Not Possible
Urban - Open Mosaic Habitats on Previously Developed Land	3	2.5	2	1.5	1	Not Possible	Not Possible
Urban - Rain garden	3	2.5	2	1.5	1	Not Possible	Not Possible
Urban - Actively worked sand pit quarry or open cast mine	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible	1	Not Possible
Urban - Urban Tree	3	2.5	2	1.5	1	Not Possible	Not Possible
Urban - Sustainable urban drainage feature	3	2.5	2	1.5	1	Not Possible	Not Possible
Urban - Un-vegetated garden	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible	0
Urban - Vacant/derelict land/ bareground	3	2.5	2	1.5	1	Not Possible	Not Possible
Urban - Vegetated garden	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible	1	Not Possible
Wetland - Blanket bog	3	2.5	2	1.5	1	Not Possible	Not Possible
Wetland - Depressions on Peat substrates (H7150)	3	2.5	2	1.5	1	Not Possible	Not Possible
Wetland - Fens (upland and lowland)	3	2.5	2	1.5	1	Not Possible	Not Possible
Wetland - Lowland raised bog	3	2.5	2	1.5	1	Not Possible	Not Possible
Wetland - Oceanic Valley Mire[1] (D2.1)	3	2.5	2	1.5	1	Not Possible	Not Possible
Wetland - Purple moor grass and rush pastures	3	2.5	2	1.5	1	Not Possible	Not Possible
Wetland - Reedbeds	3	2.5	2	1.5	1	Not Possible	Not Possible
Wetland - Transition mires and quaking bogs (H7140)	3	2.5	2	1.5	1	Not Possible	Not Possible
Woodland and forest - Felled	3	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible
Woodland and forest - Lowland beech and yew woodland	3	2.5	2	1.5	1	Not Possible	Not Possible
Woodland and forest - Lowland mixed deciduous woodland	3	2.5	2	1.5	1	Not Possible	Not Possible
Woodland and forest - Native pine woodlands	3	2.5	2	1.5	1	Not Possible	Not Possible
Woodland and forest - Other coniferous woodland	3	2.5	2	1.5	1	Not Possible	Not Possible
Woodland and forest - Other Scot's Pine woodland	3	2.5	2	1.5	1	Not Possible	Not Possible
Woodland and forest - Other woodland; broadleaved	3	2.5	2	1.5	1	Not Possible	Not Possible
Woodland and forest - Other woodland; mixed	3	2.5	2	1.5	1	Not Possible	Not Possible
Woodland and forest - Upland birchwoods	3	2.5	2	1.5	1	Not Possible	Not Possible
Woodland and forest - Upland mixed ashwoods	3	2.5	2	1.5	1	Not Possible	Not Possible
Woodland and forest - Upland oakwood	3	2.5	2	1.5	1	Not Possible	Not Possible
Woodland and forest - Wet woodland	3	2.5	2	1.5	1	Not Possible	Not Possible
Woodland and forest - Wood-pasture and parkland	3	2.5	2	1.5	1	Not Possible	Not Possible
Coastal lagoons - Coastal lagoons	3	2.5	2	1.5	1	Not Possible	Not Possible
Rocky shore - High energy littoral rock	3	2.5	2	1.5	1	Not Possible	Not Possible
Rocky shore - High energy littoral rock - on peat, clay or chalk	3	2.5	2	1.5	1	Not Possible	Not Possible
Rocky shore - Moderate energy littoral rock	3	2.5	2	1.5	1	Not Possible	Not Possible
Rocky shore - Moderate energy littoral rock - on peat, clay or chalk	3	2.5	2	1.5	1	Not Possible	Not Possible
Rocky shore - Low energy littoral rock	3	2.5	2	1.5	1	Not Possible	Not Possible
Rocky shore - Low energy littoral rock - on peat, clay or chalk	3	2.5	2	1.5	1	Not Possible	Not Possible
Rocky shore - Features of littoral rock	3	2.5	2	1.5	1	Not Possible	Not Possible
Rocky shore - Features of littoral rock - on peat, clay or chalk	3	2.5	2	1.5	1	Not Possible	Not Possible
Intertidal sediment - Littoral coarse sediment	3	2.5	2	1.5	1	Not Possible	Not Possible
Intertidal sediment - Littoral mud	3	2.5	2	1.5	1	Not Possible	Not Possible
Intertidal sediment - Littoral mixed sediments	3	2.5	2	1.5	1	Not Possible	Not Possible
Coastal saltmarsh - Saltmarshes and saline reedbeds	3	2.5	2	1.5	1	Not Possible	Not Possible
Coastal saltmarsh - Artificial saltmarshes and saline reedbeds	3	2.5	2	1.5	1	Not Possible	Not Possible
Intertidal sediment - Littoral seagrass	3	2.5	2	1.5	1	Not Possible	Not Possible
Intertidal sediment - Littoral seagrass on peat, clay or chalk	3	2.5	2	1.5	1	Not Possible	Not Possible
Intertidal sediment - Littoral biogenic reefs - Mussels	3	2.5	2	1.5	1	Not Possible	Not Possible
Intertidal sediment - Littoral biogenic reefs - Sabellaria	3	2.5	2	1.5	1	Not Possible	Not Possible
Intertidal sediment - Features of littoral sediment	3	2.5	2	1.5	1	Not Possible	Not Possible
Intertidal sediment - Artificial littoral coarse sediment	3	2.5	2	1.5	1	Not Possible	Not Possible
Intertidal sediment - Artificial littoral mud	3	2.5	2	1.5	1	Not Possible	Not Possible
Intertidal sediment - Artificial littoral sand	3	2.5	2	1.5	1	Not Possible	Not Possible

Intertidal sediment - Artificial littoral muddy sand	3	2.5	2	1.5	1	Not Possible	Not Possible
Intertidal sediment - Artificial littoral mixed sediments	3	2.5	2	1.5	1	Not Possible	Not Possible
Intertidal sediment - Artificial littoral seagrass	3	2.5	2	1.5	1	Not Possible	Not Possible
Intertidal sediment - Artificial littoral biogenic reefs	3	2.5	2	1.5	1	Not Possible	Not Possible
Intertidal sediment - Littoral sand	3	2.5	2	1.5	1	Not Possible	Not Possible
Intertidal sediment - Littoral muddy sand	3	2.5	2	1.5	1	Not Possible	Not Possible
Intertidal Hard Structures - Artificial hard structures	3	2.5	2	1.5	1	Not Possible	Not Possible
Intertidal Hard Structures - Artificial features of hard structures	3	2.5	2	1.5	1	Not Possible	Not Possible
Intertidal Hard Structures - Artificial hard structures with Integrated Greening of Grey Infrastructure (I	3	2.5	2	1.5	1	Not Possible	Not Possible

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Phase 1 Habitat	Metric habitat	Distinctiveness band
Woodland	Woodland and forest - Other woodland; mixed	Medium
Broadleaved woodland	Woodland and forest - Other woodland; broadleaved	Medium
Semi-natural broadleaved woodland	Woodland and forest - Lowland mixed deciduous woodland	High
Plantation broadleaved woodland	Woodland and forest - Other woodland; broadleaved	Medium
Coniferous woodland	Woodland and forest - Other coniferous woodland	Low
Semi-natural coniferous woodland	Woodland and forest - Native pine woodlands	High
Plantation coniferous woodland	Woodland and forest - Other coniferous woodland	Low
Mixed woodland	Woodland and forest - Other woodland; mixed	Medium
Semi-natural mixed woodland	Woodland and forest - Lowland mixed deciduous woodland	High
Plantation mixed woodland	Woodland and forest - Other woodland; mixed	Medium
Scrub	Heathland and shrub - Mixed scrub	Medium
Dense / continuous scrub	Heathland and shrub - Mixed scrub	Medium
Scattered scrub	Heathland and shrub - Mixed scrub	Medium
Parkland / scattered trees	Woodland and forest - Wood-pasture and parkland	High
Broadleaved parkland / scattered trees	Woodland and forest - Wood-pasture and parkland	High
Coniferous parkland / scattered trees	Woodland and forest - Other coniferous woodland	Medium
Mixed parkland / scattered trees	Woodland and forest - Wood-pasture and parkland	High
Recently-felled woodland	Woodland and forest - Felled	High
Broadleaved recently felled woodland	Woodland and forest - Felled	High
Coniferous recently felled woodland	Woodland and forest - Felled	High
Mixed recently felled woodland	Woodland and forest - Felled	High
Acid grassland	Grassland - Other lowland acid grassland	Medium
Acid grassland	Grassland - Upland acid grassland	Medium
Unimproved acid grassland	Grassland - Lowland dry acid grassland	V.High
Unimproved acid grassland	Grassland - Upland hay meadows	V.High
Semi-improved acid grassland (Good quality)	Grassland - Upland acid grassland	Medium
Semi-improved acid grassland (Good quality)	Grassland - Other lowland acid grassland	Medium
Semi-improved acid grassland (Poor quality)	Grassland - Modified grassland	Low
Neutral grassland	Grassland - Other neutral grassland	Medium
Unimproved neutral grassland	Grassland - Lowland meadows	V.High
Semi-improved neutral grassland (Good quality)	Grassland - Other neutral grassland	Medium
Semi-improved neutral grassland (Poor quality)	Grassland - Modified grassland	Low
Calcareous grassland	Grassland - Upland calcareous grassland	High
Calcareous grassland	Grassland - Lowland calcareous grassland	High
Unimproved calcareous grassland	Grassland - Lowland calcareous grassland	High
Unimproved calcareous grassland	Grassland - Upland calcareous grassland	High
Semi-improved calcareous grassland (Good quality)	Grassland - Upland calcareous grassland	High
Semi-improved calcareous grassland (Good quality)	Grassland - Lowland calcareous grassland	High
Semi-improved calcareous grassland (Poor quality)	Grassland - Modified grassland	Low
Improved grassland	Grassland - Modified grassland	Low
Marsh/marshy grassland	Wetland - Purple moor grass and rush pastures	V.High
Marsh/marshy grassland	Grassland - Other neutral grassland	Medium
Marsh/marshy grassland	Grassland - Modified grassland	Low
Poor semi-improved grassland	Grassland - Modified grassland	Low
Strandline vegetation coastland	Sparsely vegetated land - Coastal vegetated shingle	High
Sand dune	Sparsely vegetated land - Coastal sand dunes	High
Dune slack sand dune coastland	Sparsely vegetated land - Coastal sand dunes	High
Dune grassland sand dune coastland	Sparsely vegetated land - Coastal sand dunes	High
Dune heath sand dune coastland	Sparsely vegetated land - Coastal sand dunes	High
Dune scrub sand dune coastland	Sparsely vegetated land - Coastal sand dunes	High
Open dune sand dune coastland	Sparsely vegetated land - Coastal sand dunes	High
Maritime cliff coastland	Sparsely vegetated land - Maritime cliff and slopes	High
Hard maritime cliff coastland	Sparsely vegetated land - Maritime cliff and slopes	High
Soft maritime cliff	Sparsely vegetated land - Maritime cliff and slopes	High
Crevice/ledge vegetation	Sparsely vegetated land - Maritime cliff and slopes	High
Crevice/ledge vegetation	Grassland - Tall herb communities	High
Coastal grassland	Sparsely vegetated land - Maritime cliff and slopes	High
Coastal grassland	Grassland - Lowland meadows	V.High
Coastal grassland	Grassland - Lowland dry acid grassland	V.High
Coastal grassland	Grassland - Other lowland acid grassland	Medium
Coastal heathland	Sparsely vegetated land - Maritime cliff and slopes	High
Coastal heathland	Heathland and shrub - Lowland Heathland	High
Standing open water	lakes - Aquifer fed naturally fluctuating water bodies	V.High
Standing open water	Lakes - Ditches	Medium
Standing open water	Lakes - High alkalinity lakes	High
Standing open water	Lakes - Low alkalinity lakes	High
Standing open water	Lakes - Marl Lakes	High
Standing open water	Lakes - Moderate alkalinity lakes	High
Standing open water	Lakes - Peat Lakes	High
Standing open water	Lakes - Ponds (Priority Habitat)	High
Standing open water	Lakes - Ponds (Non- Priority Habitat)	Medium
Standing open water	Lakes - Reservoirs	Medium

Standing open water	Lakes - Temporary lakes, ponds and pools	High
Dry dwarf shrub heath	Heathland and shrub - Lowland Heathland	High
Dry dwarf shrub heath	Heathland and shrub - Upland Heathland	High
Acidic dry dwarf shrub heath	Heathland and shrub - Lowland Heathland	High
Acidic dry dwarf shrub heath	Heathland and shrub - Upland Heathland	High
Basic dry dwarf shrub heath	Heathland and shrub - Lowland Heathland	High
Basic dry dwarf shrub heath	Heathland and shrub - Upland Heathland	High
Wet dwarf shrub heath	Heathland and shrub - Lowland Heathland	High
Wet dwarf shrub heath	Heathland and shrub - Upland Heathland	High
Lichen / bryophyte heath	Heathland and shrub - Lowland Heathland	High
Lichen / bryophyte heath	Heathland and shrub - Upland Heathland	High
Montane heath / dwarf herb	Heathland and shrub - Mountain heaths and willow scrub	V.High
Dry heath / acidic grass mosaic	Heathland and shrub - Lowland Heathland	High
Wet heath / acidic grass mosaic	Heathland and shrub - Lowland Heathland	High
Dry heath / acidic grass mosaic	Heathland and shrub - Upland Heathland	High
Wet heath / acidic grass mosaic	Heathland and shrub - Upland Heathland	High
Bracken	Grassland - Bracken	Low
Continuous bracken	Grassland - Bracken	Low
Scattered bracken	Grassland - Bracken	Low
Other tall herb or fern (Good quality)	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Other tall herb or fern	Grassland - Bracken	Medium
Tall ruderal	Sparsely vegetated land - Ruderal/Ephemeral	Low
Non-ruderal	Sparsely vegetated land - Ruderal/Ephemeral	Low
Bog	Wetland - Lowland raised bog	V.High
Sphagnum bog	Wetland - Lowland raised bog	V.High
Blanket bog	Wetland - Blanket bog	V.High
Raised bog	Wetland - Lowland raised bog	V.High
Wet modified bog	Wetland - Transition mires and quaking bogs (H7140)	V.High
Dry modified bog	Wetland - Blanket bog	V.High
Dry modified bog	Wetland - Lowland raised bog	V.High
Flush and spring	Wetland - Fens (upland and lowland)	V.High
Acid/neutral flush	Wetland - Fens (upland and lowland)	V.High
Basic flush	Wetland - Fens (upland and lowland)	V.High
Bryophyte-dominated spring	Wetland - Fens (upland and lowland)	V.High
Fen	Wetland - Fens (upland and lowland)	V.High
Valley mire	Wetland – Oceanic Valley Mire[1] (D2.1)	V.High
Basin mire	Wetland – Oceanic Valley Mire[1] (D2.1)	V.High
Floodplain mire	Wetland – Oceanic Valley Mire[1] (D2.1)	V.High
Bare peat	Wetland - Depressions on Peat substrates (H7150)	V.High
Swamp	Wetland - Fens (upland and lowland)	V.High
Marginal and inundation	Wetland - Fens (upland and lowland)	V.High
Marginal and inundation	Wetland - Reedbeds	High
Marginal vegetation	Use the Feature that it is within, i.e. River, Lake type etc.	
Inundation vegetation	Wetland - Reedbeds	High
Natural rock exposures and caves (Good quality)	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Natural rock exposures and caves	Sparsely vegetated land - Other inland rock and scree	Medium
Inland cliff (High quality)	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Inland cliff	Sparsely vegetated land - Other inland rock and scree	Medium
Acidic inland cliff	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Basic inland cliff	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Scree	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Acidic scree	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Basic scree	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Limestone pavement	Sparsely vegetated land - Limestone pavement	V.High
Other natural rock exposure	Sparsely vegetated land - Other inland rock and scree	Medium
Other acidic natural rock exposure	Sparsely vegetated land - Other inland rock and scree	Medium
Other basic rock exposure	Sparsely vegetated land - Other inland rock and scree	Medium
Artificial rock exposures	Sparsely vegetated land - Other inland rock and scree	Medium
Artificial rock exposures	Sparsely vegetated land - Other inland rock and scree	Medium
Artificial rock exposures	Sparsely vegetated land - Other inland rock and scree	Medium
Artificial rock exposures	Sparsely vegetated land - Other inland rock and scree	Medium
Artificial rock exposures	Sparsely vegetated land - Other inland rock and scree	Medium
Artificial rock exposures	Sparsely vegetated land - Other inland rock and scree	Medium
Quarry	Urban - Active sand pit quarry or open cast mine	Low
Spoil heap	Urban - Active sand pit quarry or open cast mine	Low
Mine	Urban - Active sand pit quarry or open cast mine	Low
Refuse tip	Urban - Artificial unvegetated, unsealed surface	V.Low
Cultivated/disturbed ground	Cropland - Cereal crops	Low
Arable	Cropland - Cereal crops	Low
Amenity grassland	Grassland - Modified grassland	Low
Ephemeral / short perennial	Sparsely vegetated land - Ruderal/Ephemeral	Low
Introduced shrub	Urban - Introduced shrub	Low
Fence	Urban - Built linear features	V.Low
Wall	Urban - Built linear features	V.Low
Built-up areas	Urban - Developed land; sealed surface	V.Low
Caravans	Urban - Developed land; sealed surface	V.Low
Sea wall (artificial materials)	Urban - Developed land; sealed surface	V.Low
Buildings	Urban - Developed land; sealed surface	V.Low
Bare ground	Urban - Vacant/derelict land/ bareground	Low

The Biodiversity Metric 3.0 - Calculation Tool Technical Data

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All area habitats

Area habitat groups

Multipliers

Temporal multipliers

Enhancement temporal multipliers

Hedgerow data

River data

Condition data

Metric /Phase 1 translation