

The Biodiversity Metrics Start

Project details

Planning authority:	
Project name:	
Applicant:	
Application type:	
Planning application reference:	
Assessor:	
Reviewer:	
Revision:	
Assessment date:	
Planning authority reviewer:	

Cell style conventions



ic 2.0 - Calculation Tool

t page

Enter data
Automatic lookup
Result

Instructions

Main menu

Results

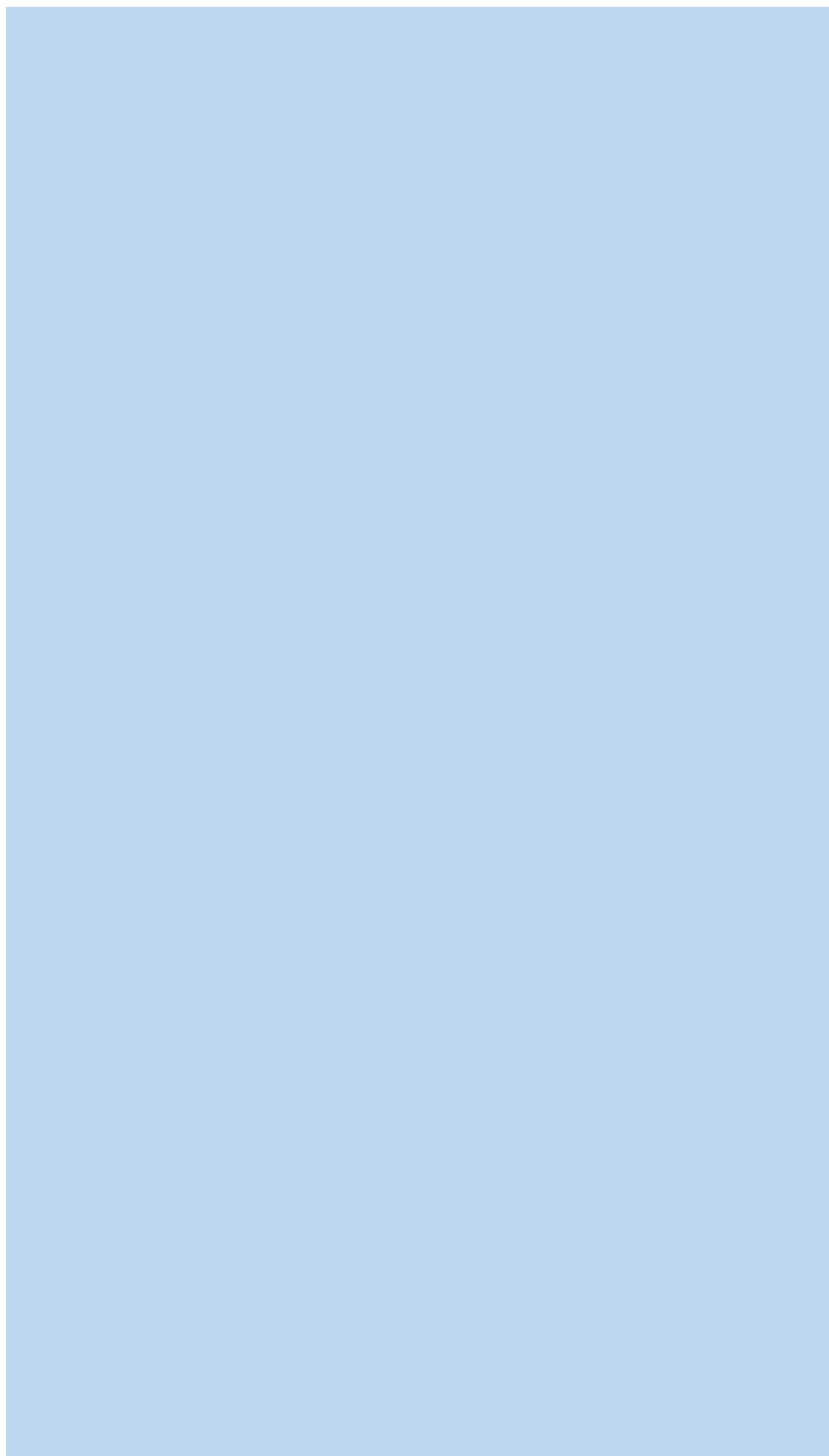
View all

Reset view











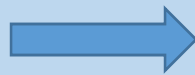
The Biodiversity Measure

Start page

Instructions

Start here

1



2

On-site baseline

A-1
On-site
habitat

B-1
On-site
hedge
baseline

C-1
On-Site
river
baseline

On-site post development

A-2 Habitat
creation

A-3 Habitat
enhancement

A-4 Ha
acceler
succes

B-2 Hedgerow
creation

B-3 Hedgerow
enhancement

C-2 River
creation

C-3 River
enhancement



etric 2.0 - Calculation Tool

ain menu

St
Tree size
Small
Medium
Large
Total

Technical data

Results

3

4

Off-site
baseline

D-1
Off-site
habitat

E-1
Off-site
hedge
baseline

F-1
Off-site
river
baseline

Off-Site post de

D-2 Habitat
creation

D-3 Habi
enhancem

E-2 Hedgerow
creation

F-2 River
creation



Street tree helper	
Tree number	Area
	0.0000
	0.0000
	0.0000
0.00	0.0000

Development

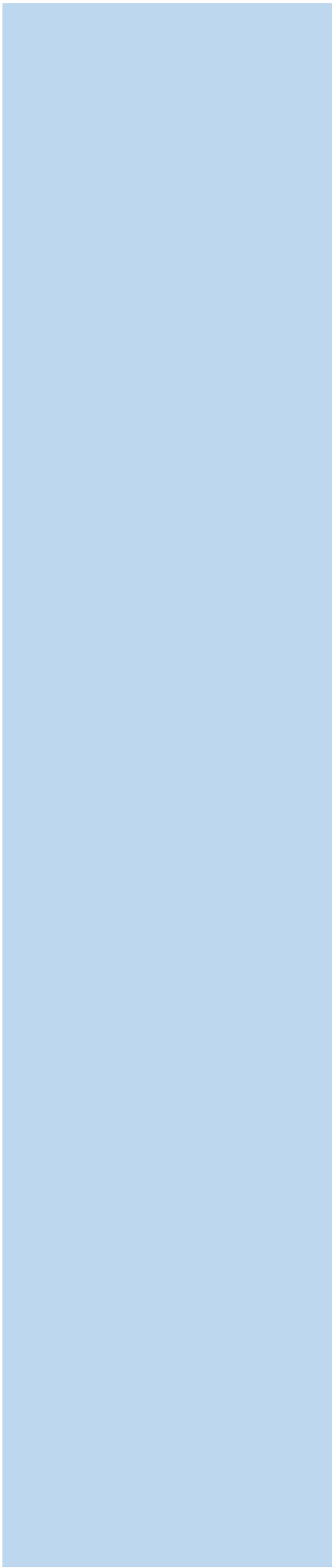
Habitat
enhancement

D-4 Habitat
accelerated
succession

E-3 Hedgerow
enhancement

F-3 River
enhancement







A-1 Site Habitat Baseline

Condense / Show Columns

Main Menu

Ref	Broad Habitat
1	
2	
3	
4	
5	

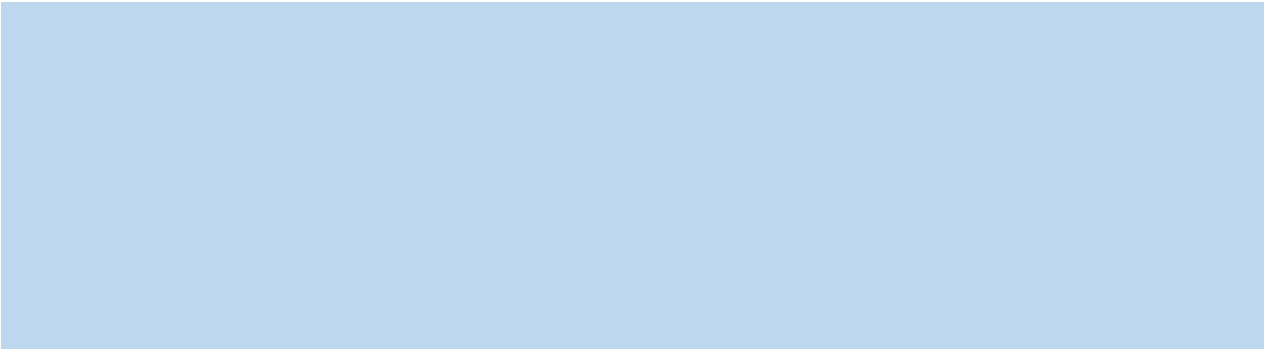
line

Condense / Show Rows

Instructions

Habitats and areas		Habitat disti
Habitat type	Area (hectares)	Distinctiveness
Total site area ha	0.00	

Habitat condition		Ecological connectivity		
Score	Condition	Score	Ecological connectivity	Connectivity



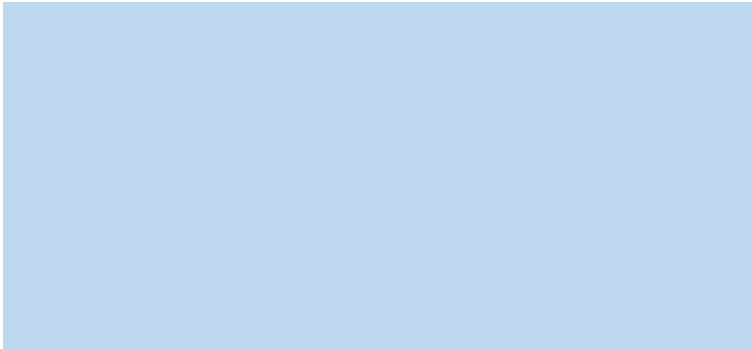
y	Strategic significance		
Connectivity multiplier	Strategic significance	Strategic significance	Strategic position multiplier



Suggested action to address habitat losses	Ecological baseline
	Total habitat units
Total Site baseline	0.00

Retention categories			
Area retained	Area enhanced	Area succession	Baseline units retained
0.00	0.00	0.00	0.00

Category biodiversity value				Bespoke compensation agreed for unacceptable losses
Baseline units enhanced	Baseline units succession	Area lost	Units lost	
0.00	0.00	0.00	0.00	



Comm	
Assessor comments	



ments
Reviewer comments

A-2 Site Habitat Creation

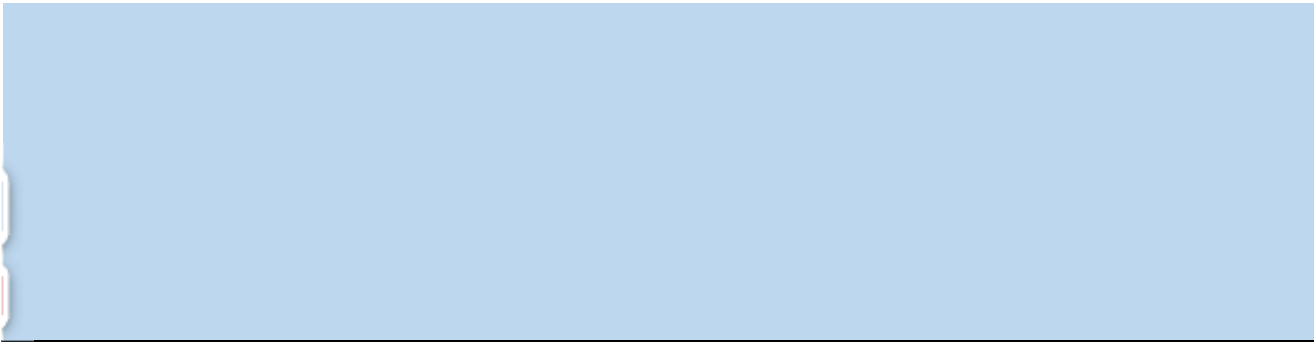
Condense / Show Columns

Condense / Show Rows

Main Menu

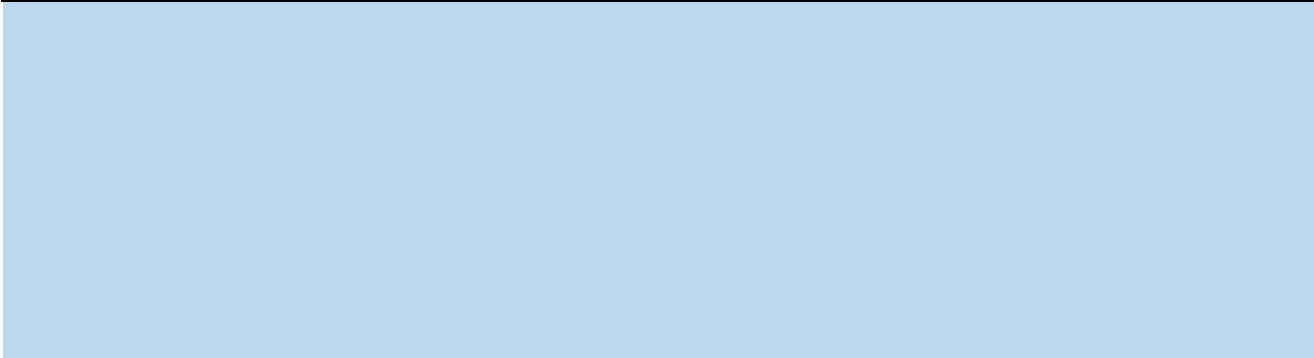
Instructions

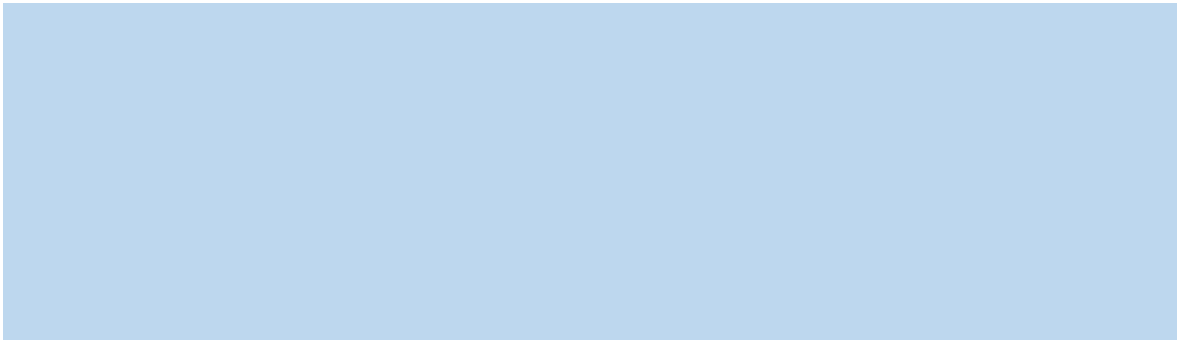
Proposed habitat	Area (hectares)	Distinctiveness
Totals	0.00	



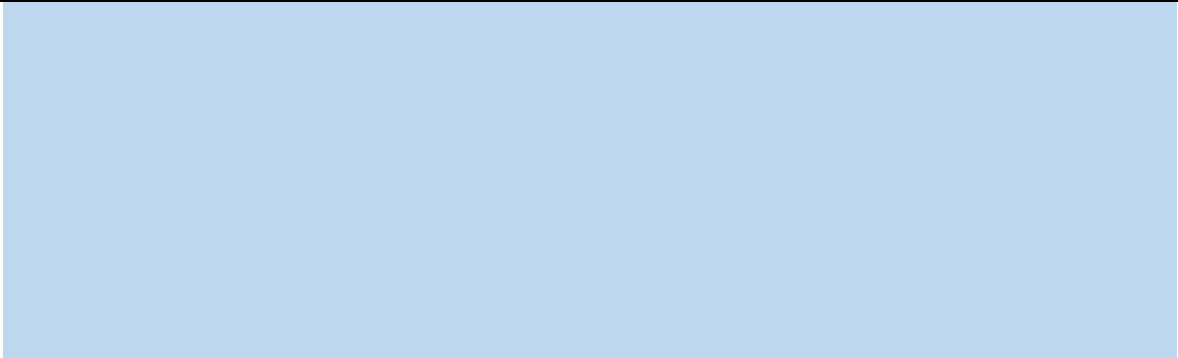
Post development/ post intervention habitats

Score	Condition	Score	Ecological connectivity		
			Ecological connectivity	Connectivity	Connectivity multiplier

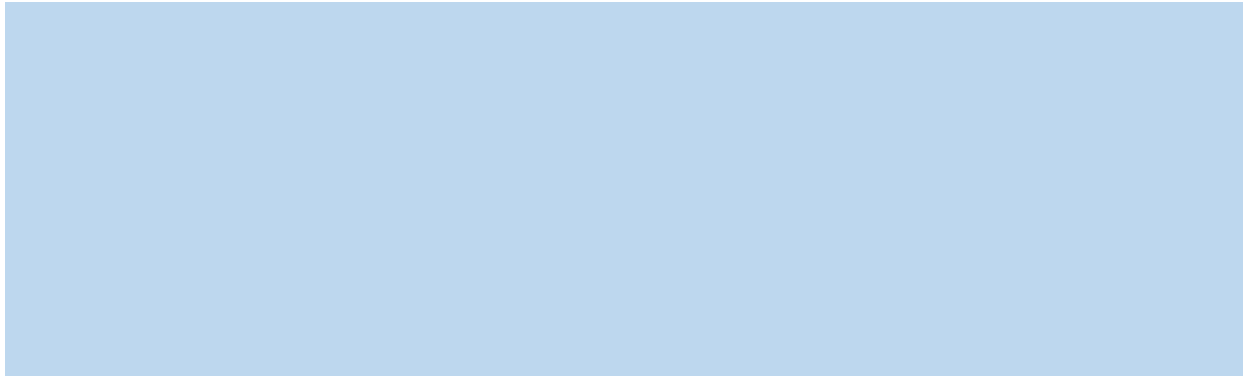




Strategic significance			Temporal m
Strategic significance	Strategic significance	Strategic position multiplier	Time to target condition/years

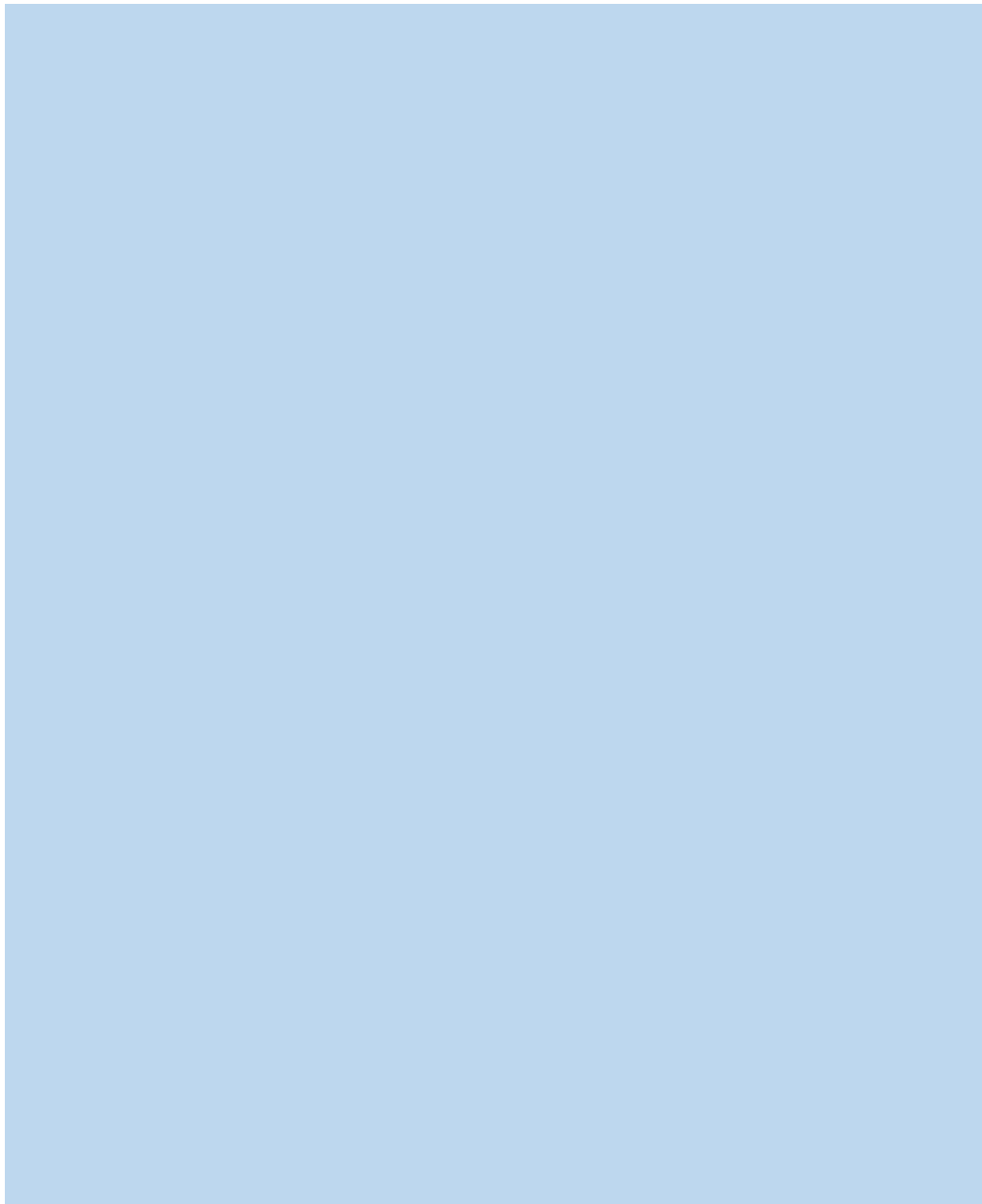


multiplier	Difficulty multipliers		Habitat units delivered
Time to target multiplier	Difficulty of creation category	Difficulty of creation multiplier	
Total Units			0.00



Comments	
Assessor comments	Reviewer comments





B-2 Site Hedge Creation

Condense / Show Columns

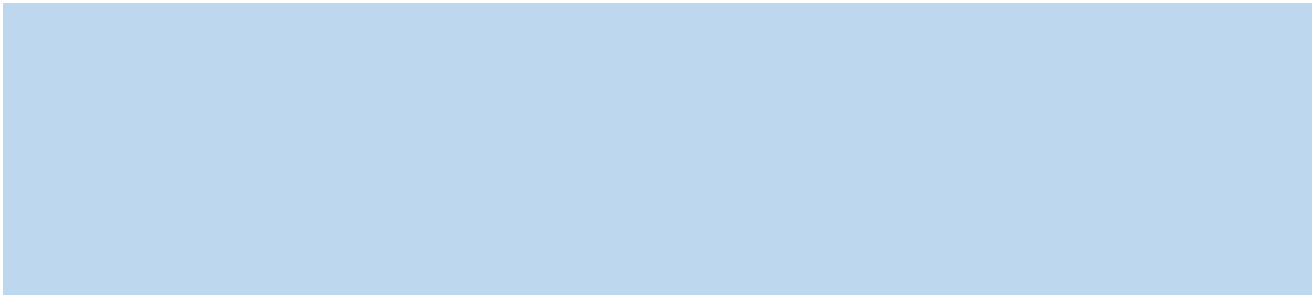
Condense / Show Rows

Main Menu

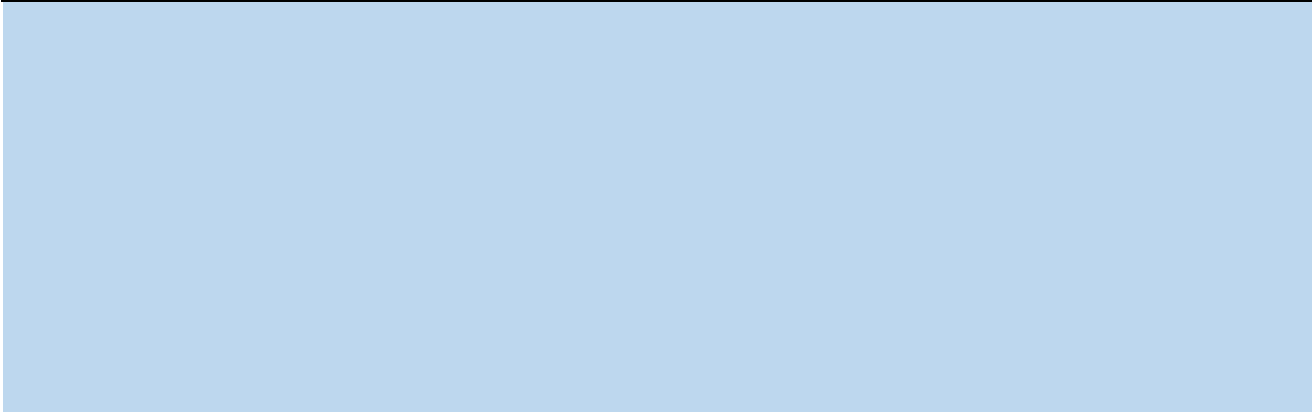
Instructions

		Proposed habitats
Baseline ref	New hedge number	Habitat type
1		
2		
3		
4		
5		
		Creation Length/KM

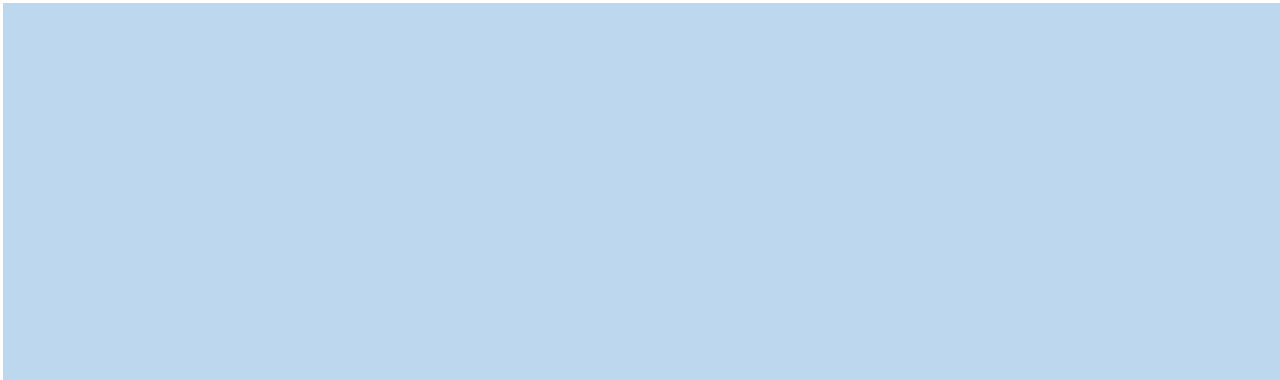
[illegible]



Multipliers			
Spatial quality			
Ecological connectivity		Strategic significance	
Connectivity	Connectivity multiplier	Strategic significance	Strategic significance

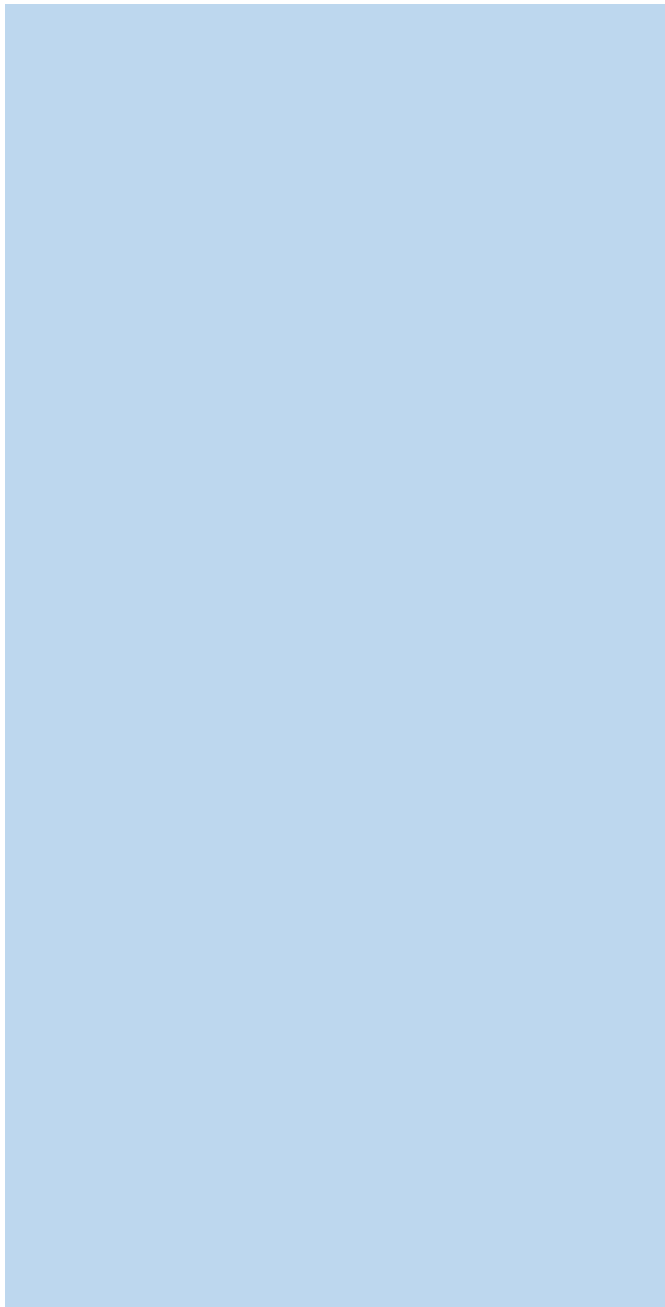


	Temporal multiplier		Difficulty of creation multiplier	Hedge units delivered
Strategic position multiplier	Time to target condition/years	Time to target multiplier		
				0.00



Comments	
Assessor comments	Reviewer comments





[Return to start](#)

Phase 1 Habitat
Woodland
Broadleaved woodland
Semi-natural broadleaved woodland
Plantation broadleaved woodland
Coniferous woodland
Semi-natural coniferous woodland
Plantation coniferous woodland
Mixed woodland
Semi-natural mixed woodland
Plantation mixed woodland
Scrub
Dense / continuous scrub
Scattered scrub
Parkland / scattered trees
Broadleaved parkland / scattered trees
Coniferous parkland / scattered trees
Mixed parkland / scattered trees
Recently-felled woodland
Broadleaved recently felled woodland
Coniferous recently felled woodland
Mixed recently felled woodland
Acid grassland
Acid grassland
Unimproved acid grassland
Unimproved acid grassland
Semi-improved acid grassland (Good quality)
Semi-improved acid grassland (Good quality)
Semi-improved acid grassland (Poor quality)
Neutral grassland
Unimproved neutral grassland
Semi-improved neutral grassland (Good quality)
Semi-improved neutral grassland (Poor quality)
Calcareous grassland
Calcareous grassland
Unimproved calcareous grassland
Unimproved calcareous grassland
Semi-improved calcareous grassland (Good quality)
Semi-improved calcareous grassland (Good quality)
Semi-improved calcareous grassland (Poor quality)
Improved grassland
Marsh/marshy grassland
Marsh/marshy grassland
Marsh/marshy grassland

Poor semi-improved grassland
Strandline vegetation coastland
Sand dune
Dune slack sand dune coastland
Dune grassland sand dune coastland
Dune heath sand dune coastland
Dune scrub sand dune coastland
Open dune sand dune coastland
Maritime cliff coastland
Hard maritime cliff coastland
Soft maritime cliff
Crevice/ledge vegetation
Crevice/ledge vegetation
Coastal grassland
Coastal grassland
Coastal grassland
Coastal grassland
Coastal heathland
Coastal heathland
Standing open water
Standing open water
Standing open water
Standing open water
Standing open water
Standing open water
Standing open water
Standing open water
Standing open water
Standing open water
Standing open water
Dry dwarf shrub heath
Dry dwarf shrub heath
Acidic dry dwarf shrub heath
Acidic dry dwarf shrub heath
Basic dry dwarf shrub heath
Basic dry dwarf shrub heath
Wet dwarf shrub heath
Wet dwarf shrub heath
Lichen / bryophyte heath
Lichen / bryophyte heath
Montane heath / dwarf herb
Dry heath / acidic grass mosaic
Wet heath / acidic grass mosaic
Dry heath / acidic grass mosaic
Wet heath / acidic grass mosaic
Bracken
Continuous bracken
Scattered bracken
Other tall herb or fern (Good quality)
Other tall herb or fern

Tall ruderal
Non-ruderal
Bog
Sphagnum bog
Blanket bog
Raised bog
Wet modified bog
Dry modified bog
Dry modified bog
Flush and spring
Acid/neutral flush
Basic flush
Bryophyte-dominated spring
Fen
Valley mire
Basin mire
Floodplain mire
Bare peat
Swamp
Marginal and inundation
Marginal and inundation
Marginal vegetation
Inundation vegetation
Natural rock exposures and caves (Good quality)
Natural rock exposures and caves
Inland cliff (High quality)
Inland cliff
Acidic inland cliff
Basic inland cliff
Scree
Acidic scree
Basic scree
Limestone pavement
Other natural rock exposure
Other acidic natural rock exposure
Other basic rock exposure
Artificial rock exposures
Artificial rock exposures
Artificial rock exposures
Artificial rock exposures
Artificial rock exposures
Artificial rock exposures
Quarry
Spoil heap
Mine
Refuse tip
Cultivated/disturbed ground
Arable
Amenity grassland
Ephemeral / short perennial

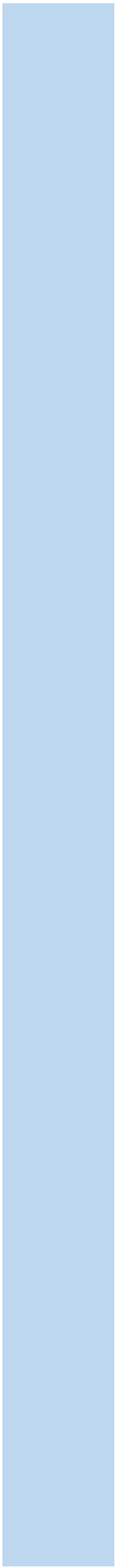
Introduced shrub
Fence
Wall
Built-up areas
Caravans
Sea wall (artificial materials)
Buildings
Bare ground

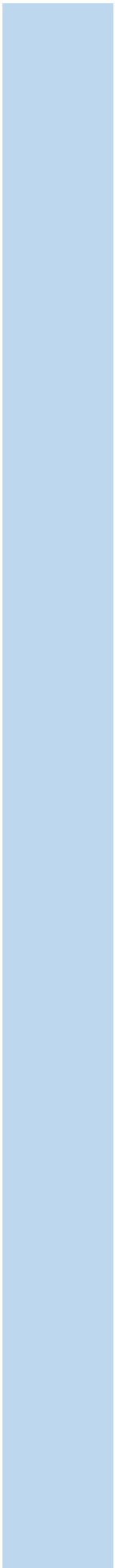
UK Hab habitat	Distinctiveness band
Woodland and forest - Other woodland; mixed	Medium
Woodland and forest - Other woodland; broadleaved	Medium
Woodland and forest - Lowland mixed deciduous woodland	High
Woodland and forest - Other woodland; broadleaved	Medium
Woodland and forest - Other coniferous woodland	Low
Woodland and forest - Native pine woodlands	High
Woodland and forest - Other coniferous woodland	Low
Woodland and forest - Other woodland; mixed	Medium
Woodland and forest - Lowland mixed deciduous woodland	High
Woodland and forest - Other woodland; mixed	Medium
Heathland and shrub - Mixed scrub	Medium
Heathland and shrub - Mixed scrub	Medium
Heathland and shrub - Mixed scrub	Medium
Woodland and forest - Wood-pasture and parkland	High
Woodland and forest - Wood-pasture and parkland	High
Woodland and forest - Other coniferous woodland	Medium
Woodland and forest - Wood-pasture and parkland	High
Woodland and forest - Felled	Medium
Woodland and forest - Felled	Medium
Woodland and forest - Felled	Medium
Woodland and forest - Felled	Medium
Grassland - Other lowland acid grassland	Medium
Grassland - Upland acid grassland	Medium
Grassland - Lowland dry acid grassland	V.High
Grassland - Upland hay meadows	V.High
Grassland - Upland acid grassland	Medium
Grassland - Other lowland acid grassland	Medium
Grassland - Modified grassland	Low
Grassland - Other neutral grassland	Medium
Grassland - Lowland meadows	V.High
Grassland - Other neutral grassland	Medium
Grassland - Modified grassland	Low
Grassland - Upland calcareous grassland	High
Grassland - Lowland calcareous grassland	High
Grassland - Lowland calcareous grassland	High
Grassland - Upland calcareous grassland	High
Grassland - Upland calcareous grassland	High
Grassland - Lowland calcareous grassland	High
Grassland - Modified grassland	Low
Grassland - Modified grassland	Low
Wetland - Purple moor grass and rush pastures	V.High
Grassland - Other neutral grassland	Medium
Grassland - Modified grassland	Low

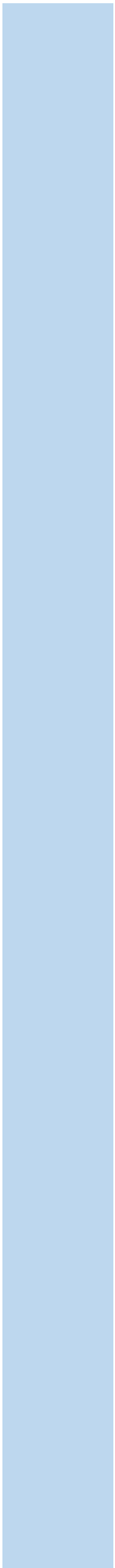
Grassland - Modified grassland	Low
Sparsely vegetated land - Coastal vegetated shingle	High
Sparsely vegetated land - Coastal sand dunes	High
Sparsely vegetated land - Coastal sand dunes	High
Sparsely vegetated land - Coastal sand dunes	High
Sparsely vegetated land - Coastal sand dunes	High
Sparsely vegetated land - Coastal sand dunes	High
Sparsely vegetated land - Coastal sand dunes	High
Sparsely vegetated land - Maritime cliff and slopes	High
Sparsely vegetated land - Maritime cliff and slopes	High
Sparsely vegetated land - Maritime cliff and slopes	High
Sparsely vegetated land - Maritime cliff and slopes	High
Grassland - Tall herb communities	High
Sparsely vegetated land - Maritime cliff and slopes	High
Grassland - Lowland meadows	V.High
Grassland - Lowland dry acid grassland	V.High
Grassland - Other lowland acid grassland	Medium
Sparsely vegetated land - Maritime cliff and slopes	High
Heathland and shrub - Lowland Heathland	High
lakes - Aquifer fed naturally fluctuating water bodies	V.High
Lakes - Ditches	Medium
Lakes - High alkalinity lakes	High
Lakes - Low alkalinity lakes	High
Lakes - Marl Lakes	High
Lakes - Moderate alkalinity lakes	High
Lakes - Peat Lakes	High
Lakes - Ponds (Priority Habitat)	High
Lakes - Ponds (Non- Priority Habitat)	High
Lakes - Reservoirs	Medium
Lakes - Temporary lakes, ponds and pools	High
Heathland and shrub - Lowland Heathland	High
Heathland and shrub - Upland Heathland	High
Heathland and shrub - Lowland Heathland	High
Heathland and shrub - Upland Heathland	High
Heathland and shrub - Lowland Heathland	High
Heathland and shrub - Upland Heathland	High
Heathland and shrub - Lowland Heathland	High
Heathland and shrub - Upland Heathland	High
Heathland and shrub - Lowland Heathland	High
Heathland and shrub - Upland Heathland	High
Heathland and shrub - Mountain heaths and willow scrub	V.High
Heathland and shrub - Lowland Heathland	High
Heathland and shrub - Lowland Heathland	High
Heathland and shrub - Upland Heathland	High
Heathland and shrub - Upland Heathland	High
Grassland - Bracken	Medium
Grassland - Bracken	Medium
Grassland - Bracken	Medium
Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Grassland - Bracken	Medium

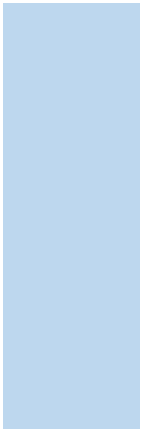
Sparsely vegetated land - Ruderal/Ephemeral	Low
Sparsely vegetated land - Ruderal/Ephemeral	Low
Wetland - Lowland raised bog	V.High
Wetland - Lowland raised bog	V.High
Wetland - Blanket bog	V.High
Wetland - Lowland raised bog	V.High
Wetland - Transition mires and quaking bogs (H7140)	V.High
Wetland - Blanket bog	V.High
Wetland - Lowland raised bog	V.High
Wetland - Fens (upland and lowland)	V.High
Wetland - Fens (upland and lowland)	V.High
Wetland - Fens (upland and lowland)	V.High
Wetland - Fens (upland and lowland)	V.High
Wetland - Fens (upland and lowland)	V.High
Wetland - Fens (upland and lowland)	V.High
Wetland – Oceanic Valley Mire[1] (D2.1)	V.High
Wetland – Oceanic Valley Mire[1] (D2.1)	V.High
Wetland – Oceanic Valley Mire[1] (D2.1)	V.High
Wetland - Depressions on Peat substrates (H7150)	V.High
Wetland - Fens (upland and lowland)	V.High
Wetland - Fens (upland and lowland)	V.High
Wetland - Reedbeds	High
Use the Feature that it is within, i.e. River, Lake type etc.	
Wetland - Reedbeds	High
Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Sparsely vegetated land - Limestone pavement	V.High
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Other inland rock and scree	Medium
Urban - Sand pit quarry or open cast mine	Low
Urban - Sand pit quarry or open cast mine	Low
Urban - Sand pit quarry or open cast mine	Low
Urban - Artificial unvegetated, unsealed surface	V.Low
Cropland - Cereal crops other	Low
Cropland - Cereal crops	Low
Urban - Amenity grassland	Low
Sparsely vegetated land - Ruderal/Ephemeral	Low

Urban - Introduced shrub	Low
Urban - Built linear features	V.Low
Urban - Built linear features	V.Low
Urban - Developed land; sealed surface	V.Low
Urban - Developed land; sealed surface	V.Low
Urban - Developed land; sealed surface	V.Low
Urban - Developed land; sealed surface	V.Low
Urban - Vacant/derelict land/ bareground	Low









The Biodiversity Metric 2.0 - Calculator

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page

All area habitats

Area habitat group

Temporal multipliers

Enhancement temporal
multipliers

River data

Condition data



Calculation Tool

Groups

Multipliers

Temporal

Hedgerow data

ata

UKHab/Phase 1
translation



