

The Biodiversity Metric

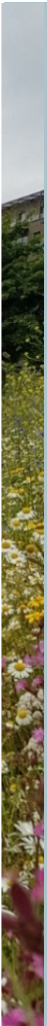
3.1

auditing and calculation of biodiversity

Open Tool

Calculation Tool





The Biodiversity Metric

Start

Project details	
Planning authority:	Hinckley and Leicestershire
Project name:	Ing
Applicant:	C
Application type:	
Planning application reference:	
Assessor:	
Reviewer:	A
Metric version:	
Assessment date:	
Planning authority reviewer:	

Cell style conventions	

On-site baseline map

Insert

Off-site baseline map

Insert

ic 3.1 - Calculation Tool

t page

nd Bosworth Borough Council
glenook Farm, Barwell
Opes MRF 2013 Ltd
Robert Lauder
my Skuce MCIEEM
3.1
26/04/2023

Enter data
Automatic lookup
Result

Instructions

Main menu

Results

View all

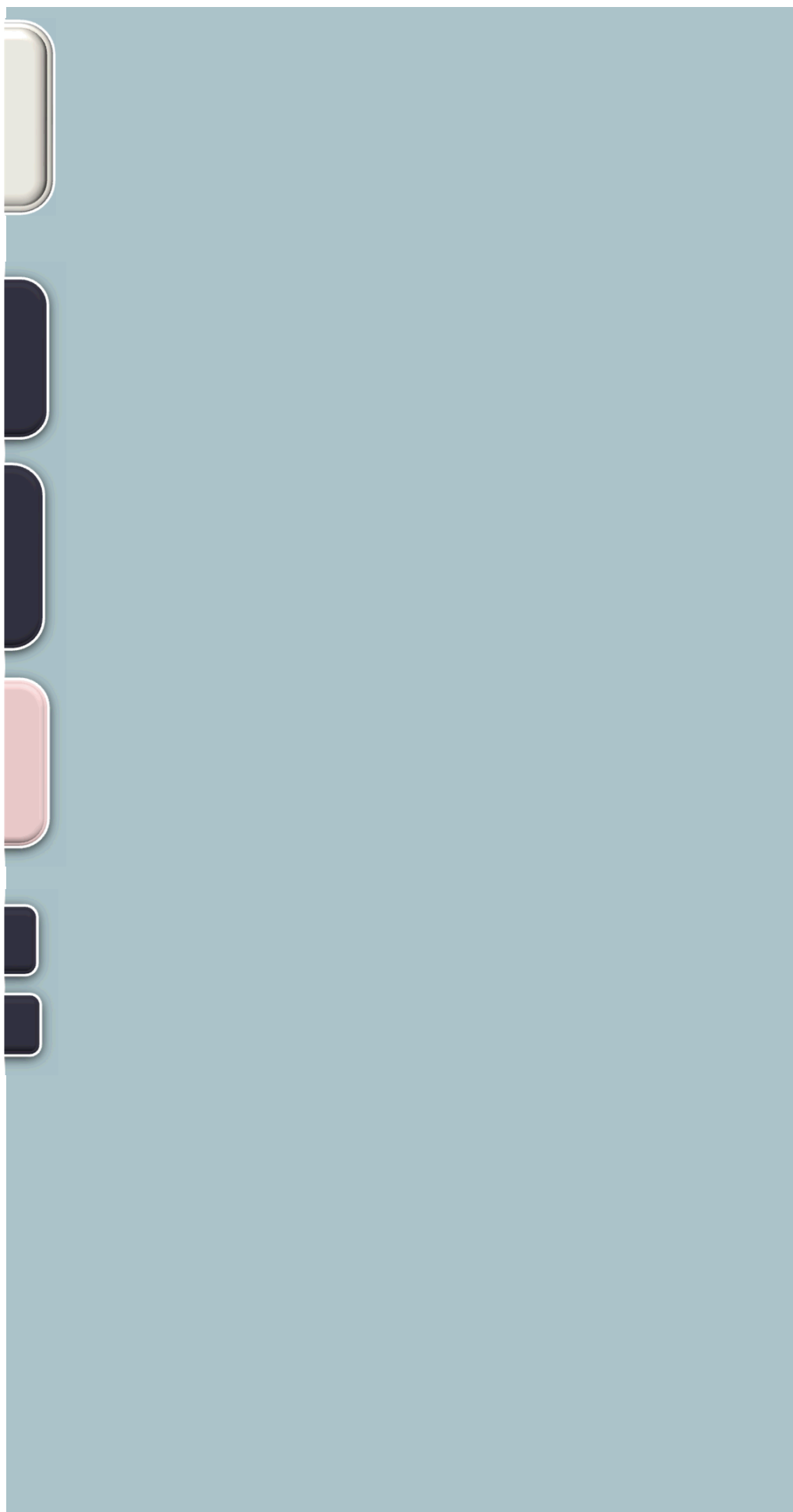
Reset view

On-site post intervention map

Insert

Off-site post intervention map

Insert





The Biodiversity Metric 3.1 Instruction

Double click the front page

Start page

Main menu

Natural England Joint Publication JP03

Biodiversity M

Auditing and accounting

Calculation Tool: 9

First published 21st April 2022

www.gov.uk/natural-england



- Calculation Tool

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9

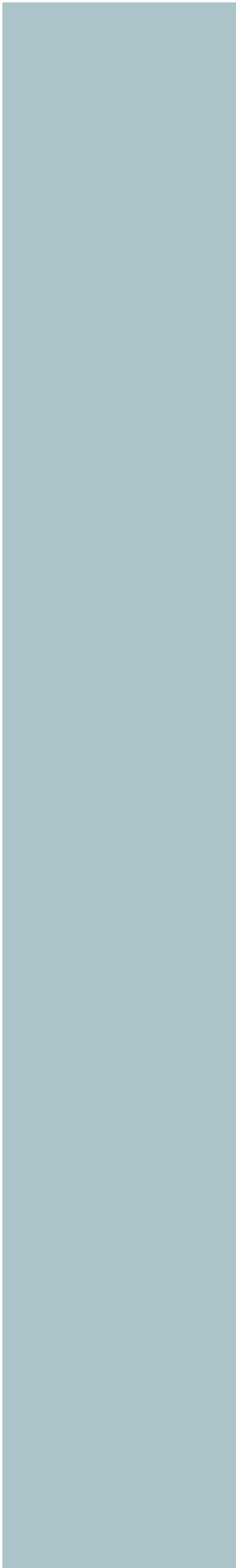
etric 3.1

for biodiversity

Short Guide









Key
Area habitats



Hedgerows and
lines of trees



Rivers and streams

Start here

1



2

The Biodiversity M M

Start page

Instructi

On-site baseline

A-1 On-site
habitat
baseline



B-1
On-site hedge
baseline



C-1
On-site river
baseline



On-site post development

A-2 Habitat
creation



A-3 Habitat
enhancemen



B-2 Hedgerow
creation



B-3 Hedgerow
enhancemen



C-2 River creation



C-3 River
enhancemen



Metric 3.1 - Calculation Tool

Main menu

Urban
Tree size
Small
Medium
Large
Total

ons

Technical data

Results

3

Off-site baseline

D-1
Off-site
habitat baseline



E-1
Off-site hedge
baseline



F-1
Off-site river
baseline



Off-site

D-2 Off-site habi
creation



E-2 Off-site hed
creation



F-2 Off-site river
creation



tree helper

Number of trees and area (ha) for each condition state

Poor	Area	Moderate	Area	Good	Area
83	0.3378		0.0000	1	0.0041
	0.0000		0.0000		0.0000
	0.0000		0.0000		0.0000
83	0.3378	0	0.0000	1	0.0041

4

e post development

itat

D-3 Off-site habitat
enhancement



ge

E-3 Off-site hedge
enhancement



er

F-3 Off-site river
enhancement



The Biodiversity Metric 3.1 – C

**Return to start
page**

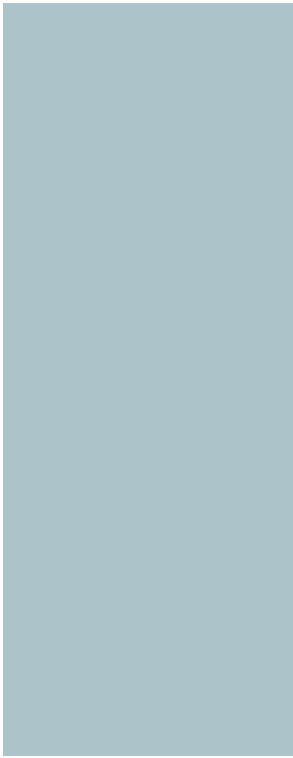
Headline results

Detailed results

Calculation Tool

alts

Habitat trading
summary



Inglennook Farm, Barwell

Headline Results

[Return to
results menu](#)

On-site baseline

Habitat units

Hedgerow units

River units

On-site post-intervention

(Including habitat retention, creation & enhancement)

Habitat units

Hedgerow units

River units

On-site net % change

(Including habitat retention, creation & enhancement)

Habitat units

Hedgerow units

River units

Off-site baseline

Habitat units

Hedgerow units

River units

Off-site post-intervention

(Including habitat retention, creation & enhancement)

Habitat units

Hedgerow units

River units

Total net unit change (including all on-site & off-site habitat retention, creation & enhancement)	Habitat units
	Hedgerow units
	River units
Total on-site net % change plus off-site surplus (including all on-site & off-site habitat retention, creation & enhancement)	Habitat units
	Hedgerow units
	River units
Trading rules Satisfied?	No - Check Trac

5.17
5.71
0.29

5.63
5.71
0.29

8.83%
0.00%
0.00%

0.00
0.00
0.00

0.00
0.00
0.00

0.46
0.00
0.00
8.83%
0.00%
0.00%
ding Summary ▲





Inglenook Farm, Barwell

Detailed Results

Summary Figures

Net project biodiversity
(including all on-site & off-site habitat re)

Total project biodiversity
(including all On-site & Off-site Habitat Creation

Combined

Total on-site and off-site baseline area / length

Total on-site and off-site baseline units

Total on-site and off-site baseline area / length retained

Total on-site and off-site baseline units retained

Area / length proposed for enhancement

Baseline units proposed for enhancement

Total on-site and off-site baseline area / length lost

Total on-site and off-site baseline units lost

Area habitats

On site ch

Area Habitats	
	Habitat group
	Cropland
	Grassland
	Heathland and shrub
	Lakes
	Sparsely vegetated land
	Urban
	Wetland
	Woodland and forest
	Intertidal sediment
	Coastal saltmarsh
	Rocky shore
	Coastal lagoons
	Intertidal Hard Structures
	Off site ch
	Habitat group
	Cropland
	Grassland
	Heathland and shrub
	Lakes
	Sparsely vegetated land
	Urban
	Wetland
	Woodland and forest
	Intertidal sediment
	Coastal saltmarsh
	Rocky shore
	Coastal lagoons
	Intertidal Hard Structures
	Combined on site and

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	Grassland
	Heathland and shrub
	Lakes
	Sparsely vegetated land
	Urban
	Wetland
	Woodland and forest
	Intertidal sediment
	Coastal saltmarsh
	Rocky shore
	Coastal lagoons
	Intertidal Hard Structures
Hedgerows and Lines of Trees	
	Hedgerows and lines of trees
	On site
	Hedgerow 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

Hedgerows and Lines of Trees	
	Off site
	Hedgerow 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
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	Combined on and
Hedgerows and Lines of Trees	Hedgerow type
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	Line of Trees
	Line of Trees - Associated with bank or ditch
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Rivers and Streams	Rivers and Streams	
	On site	
	River type	
	Priority Habitat	
	Other Rivers and Streams	
	Ditches	
	Canals	
	Culvert	
Rivers and Streams	Off site	
	River type	
	Priority Habitat	
	Other Rivers and Streams	
	Ditches	
	Canals	
	Culvert	
	Combined on a	

Rivers and Streams	
	River type
	Priority Habitat
	Other Rivers and Streams
	Ditches
	Canals
	Culvert

Return to results menu

ty units (retention/creation)	<i>Habitat units</i>
	<i>Hedgerow units</i>
	<i>River units</i>

r % change (+ Retained Habitats)	<i>Habitat units</i>
	<i>Hedgerow units</i>
	<i>River units</i>

habitat retention and enhancement

	Habitats	Hedgerows
	1.55	0.48
	5.17	5.71

	1.01	0.48
	4.07	5.71

	0.00	0.00
	0.00	0.00

	0.54	0.00
	1.10	0.00

ange by broad habitat type

Baseline		Post development on site		Onsite
Existing area	Existing value	Proposed area	Proposed value	Area change
0.00	0.00	0.00	0.00	0.00
1.06	2.43	0.83	1.90	-0.23
0.11	0.53	0.11	0.49	-0.01
0.15	1.41	0.18	1.62	0.03
0.05	0.11	0.00	0.00	-0.05
0.13	0.06	0.74	1.14	0.61
0.00	0.00	0.00	0.00	0.00
0.05	0.64	0.04	0.49	-0.01
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00

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change by broad habitat type

Baseline		Post development Off-site		Off-site
Existing area	Off-site Existing value	Off-site proposed area	Off site Proposed value	Off-site area change
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00

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l off site change by broad habitat type

Baseline	On-site and Off-site post development	Combination
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Existing area	Existing value	Combined proposed area	Combined proposed value	Proposed area
0.00	0.00	0.00	0.00	0.00
1.06	2.43	0.83	1.90	-0.23
0.11	0.53	0.11	0.49	-0.01
0.15	1.41	0.18	1.62	0.03
0.05	0.11	0.00	0.00	-0.05
0.13	0.06	0.74	1.14	0.61
0.00	0.00	0.00	0.00	0.00
0.05	0.64	0.04	0.49	-0.01
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00

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S

change by hedgerow type

Baseline		Post development on site		Onsite
Existing length on-site	Existing value	Proposed length on-site	Proposed value on-site	On-site length change
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.15	2.04	0.15	2.04	0.00
0.14	1.99	0.14	1.99	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.18	1.68	0.18	1.68	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00

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Change by hedgerow type

Off site baseline		Post development off site		Off site
Existing length off-site	Existing value off-site	Proposed length off-site	Proposed value off-site	Off-site length change
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00

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On site change by hedgerow type

Baseline		Post development on site		On site
Existing length	Existing value	Proposed length	Proposed value	length change
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.15	2.04	0.15	2.04	0.00
0.14	1.99	0.14	1.99	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.18	1.68	0.18	1.68	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00

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Change by river type

Baseline		Post development on site		Onsite
Existing length	Existing value	Proposed length	Proposed value	length change
0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0
0.1	0.3	0.1	0.3	0.0
0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0

te change by river type

Baseline		Post development off-site		Off-site
Existing length off-site	Existing value off-site	Proposed length off-site	Proposed value off-site	Off-site length change
0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0

and off site change by river type

Baseline		Post development on site		Onsite
Existing length	Existing value	Proposed length	Proposed value	length change
0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0
0.1	0.3	0.1	0.3	0.0
0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0



0.46
0.00
0.00

8.83%
0.00%
0.00%

Rivers
0.07
0.29

0.07
0.29

0.00
0.00

0.00
0.00

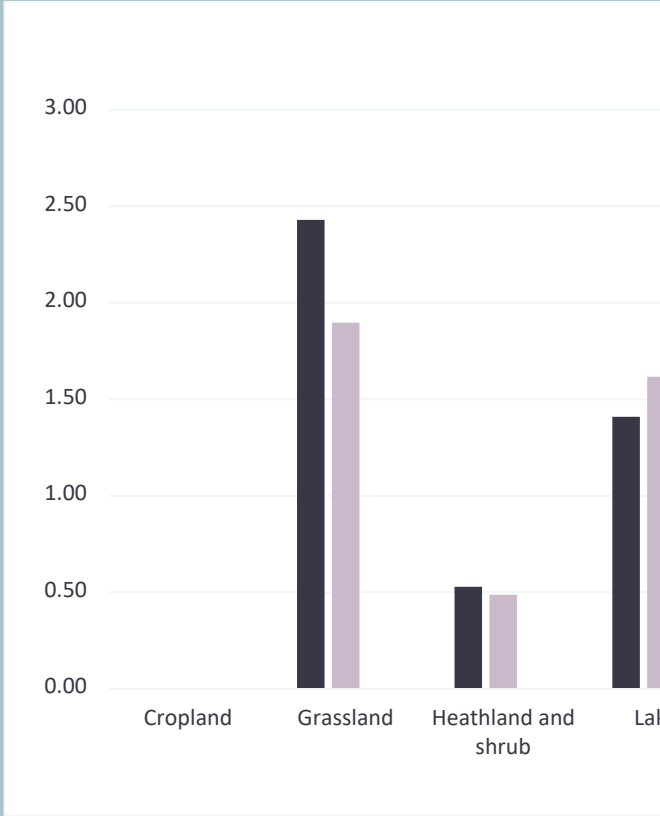
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Onsite Unit change
0.00
-0.53
-0.04
0.21
-0.11
1.09
0.00
-0.15
0.00
0.00
0.00
0.00
0.00

Combined area lost by distribution	
Category	Area lost (hectares)
V.High	0
High	0.0109
Medium	0.0089
Low	0.3957
V.Low	0.124

Off-site unit change
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00



Combined change

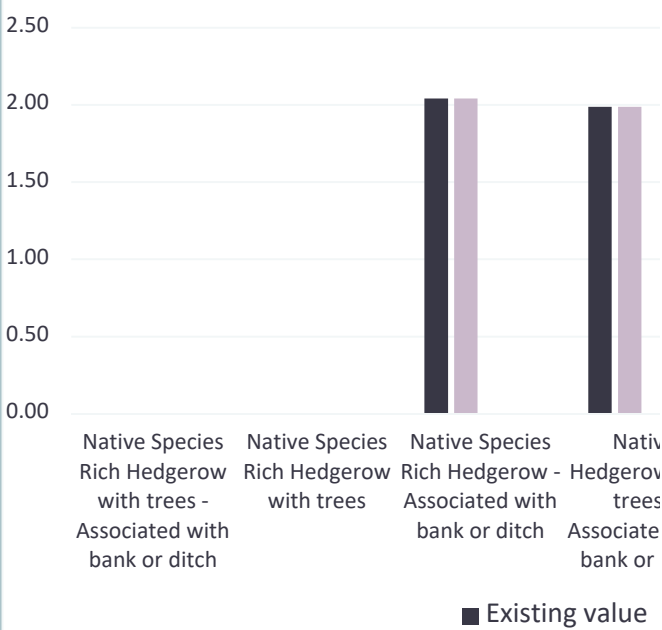
Proposed value
0.00
-0.53
-0.04
0.21
-0.11
1.09
0.00
-0.15
0.00
0.00
0.00
0.00
0.00



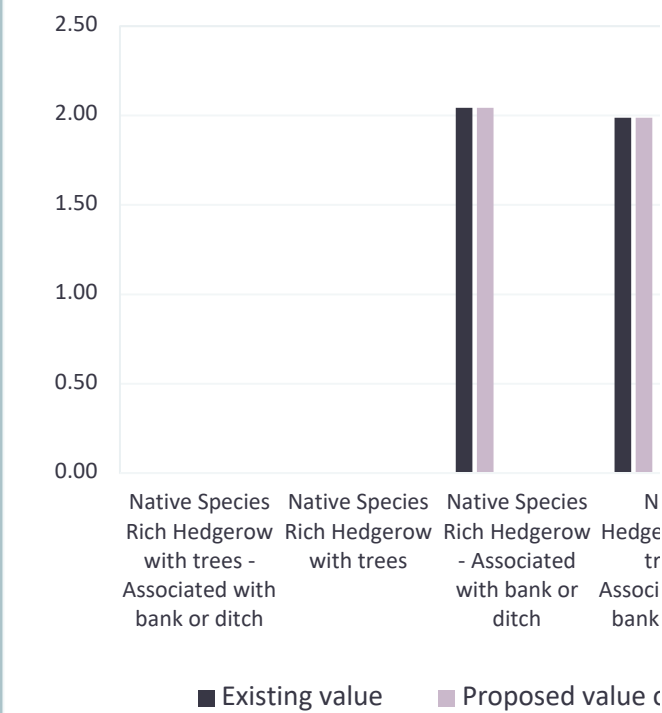
Change
On-site Unit change
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00

Combined length lost by distribution	
Category	Length lost (KM)
V.High	0
High	0
Medium	0
Low	0
V.Low	0

Value Change
Off site Unit change
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00



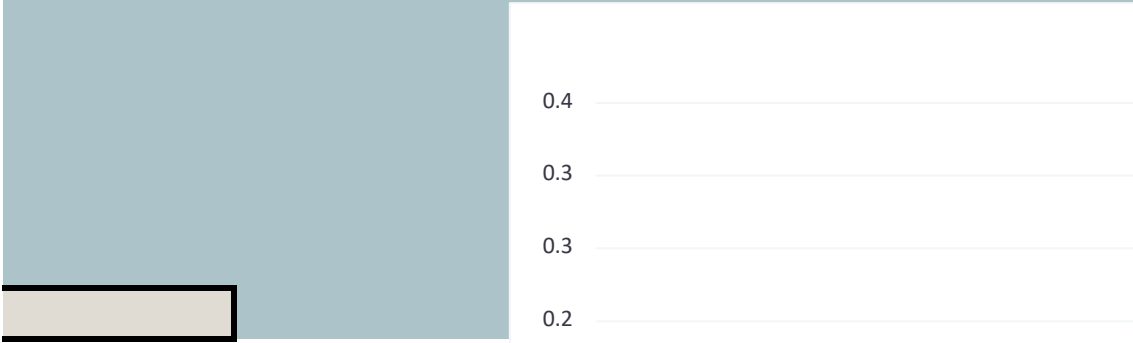
Value Change
Onsite Unit change
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00



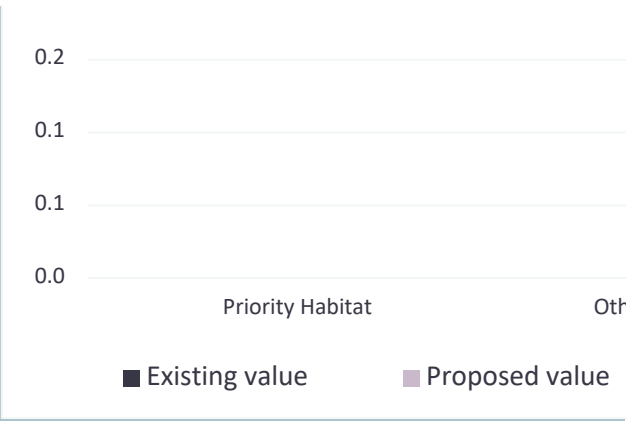
Change
Onsite Unit change
0.0
0.0
0.0
0.0
0.0

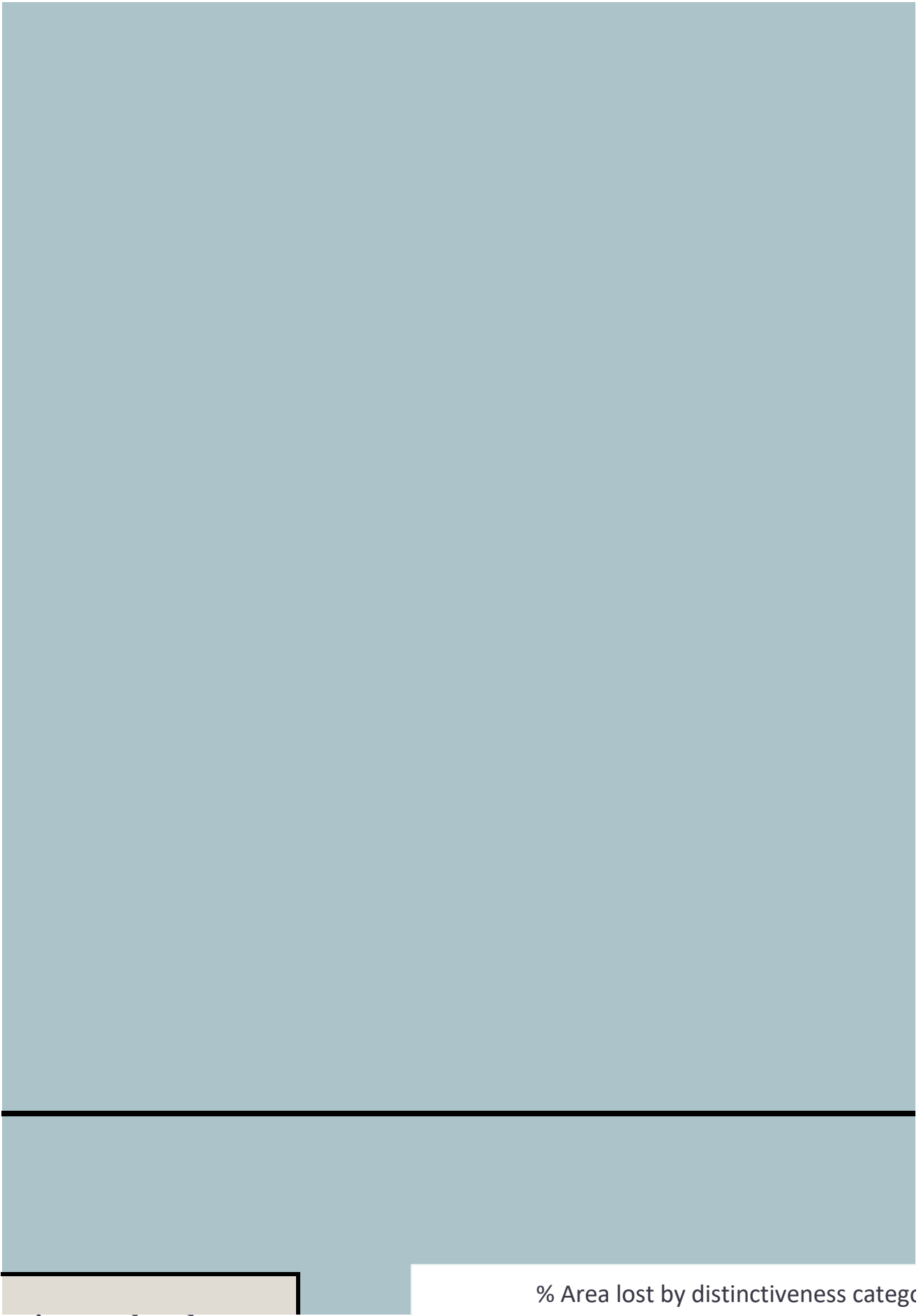
Combined length lost by distribution	
Category	Length lost (KM)
V.High	0
High	0
Medium	0
Low	0

Change
Off-site unit change
0.0
0.0
0.0
0.0
0.0

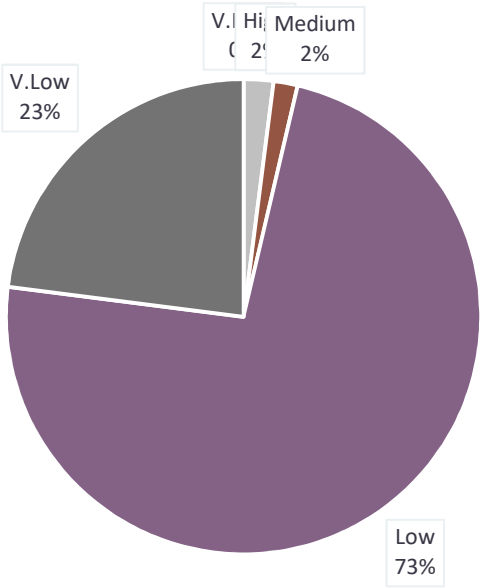


Change
Onsite Unit change
0.0
0.0
0.0
0.0
0.0

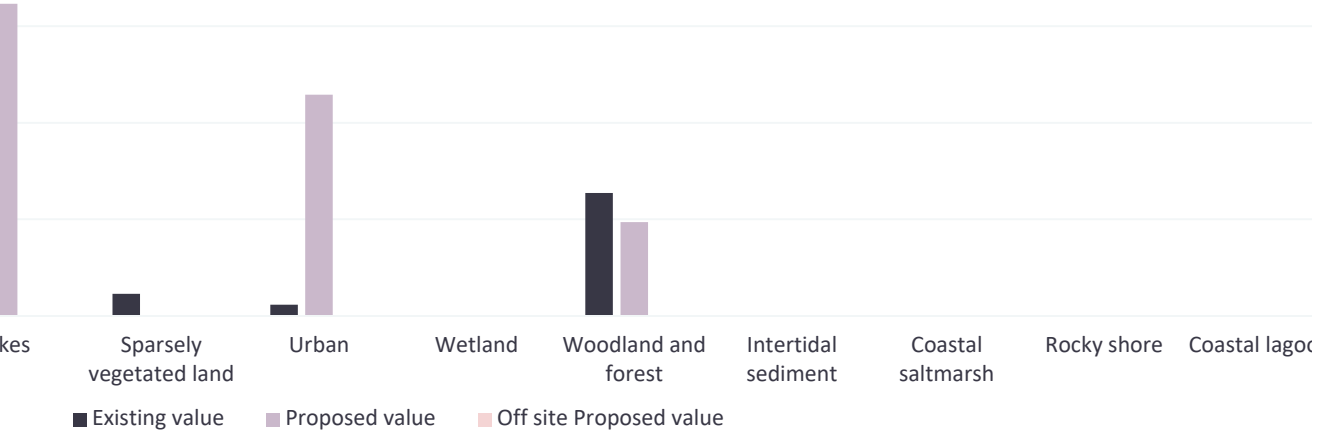




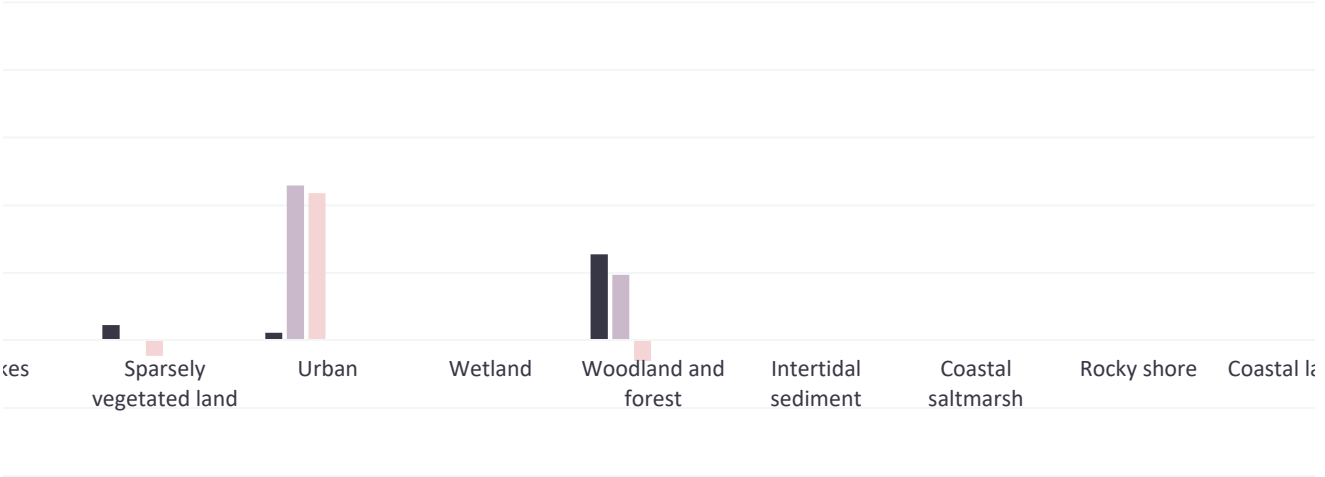
% Area lost by distinctiveness category



Unit change by habitat group



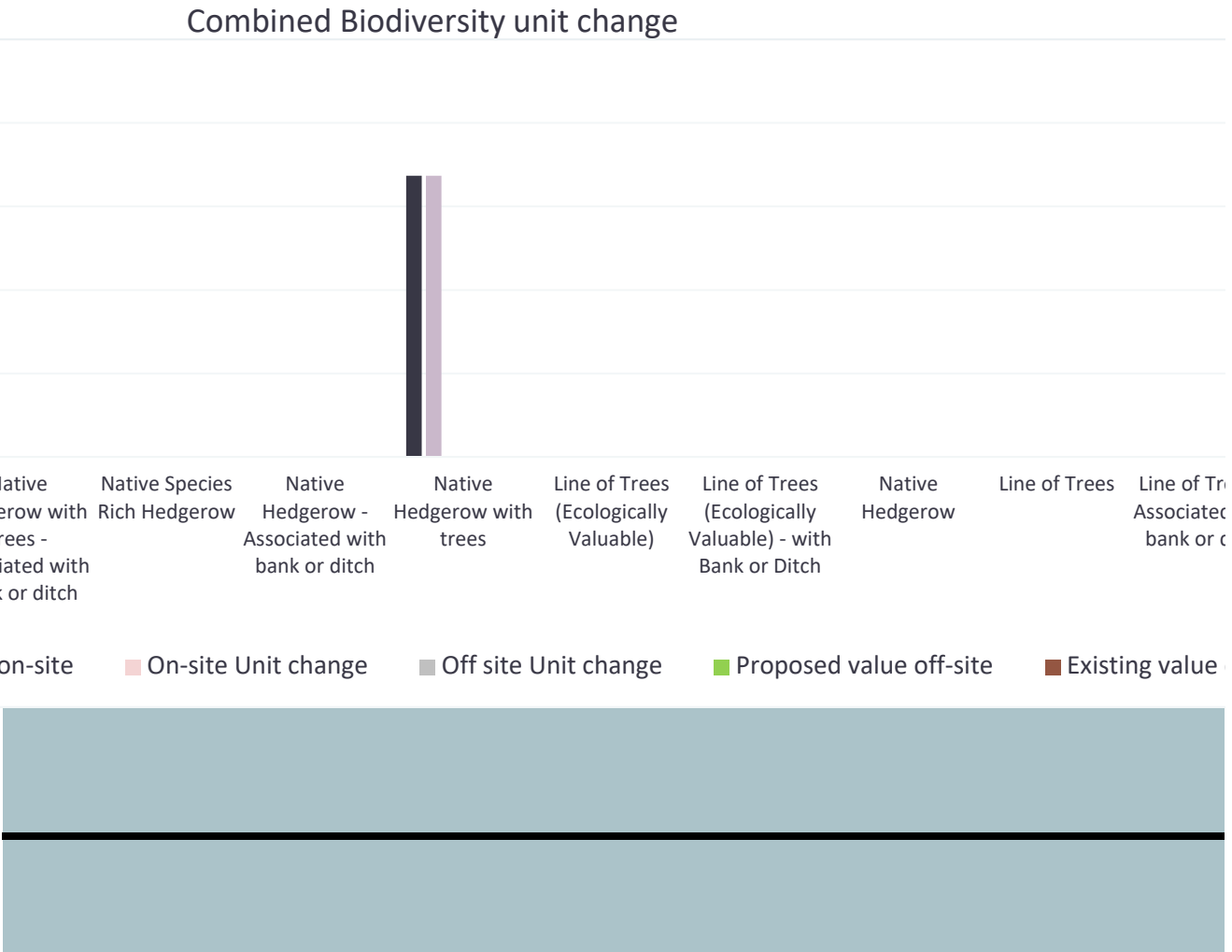
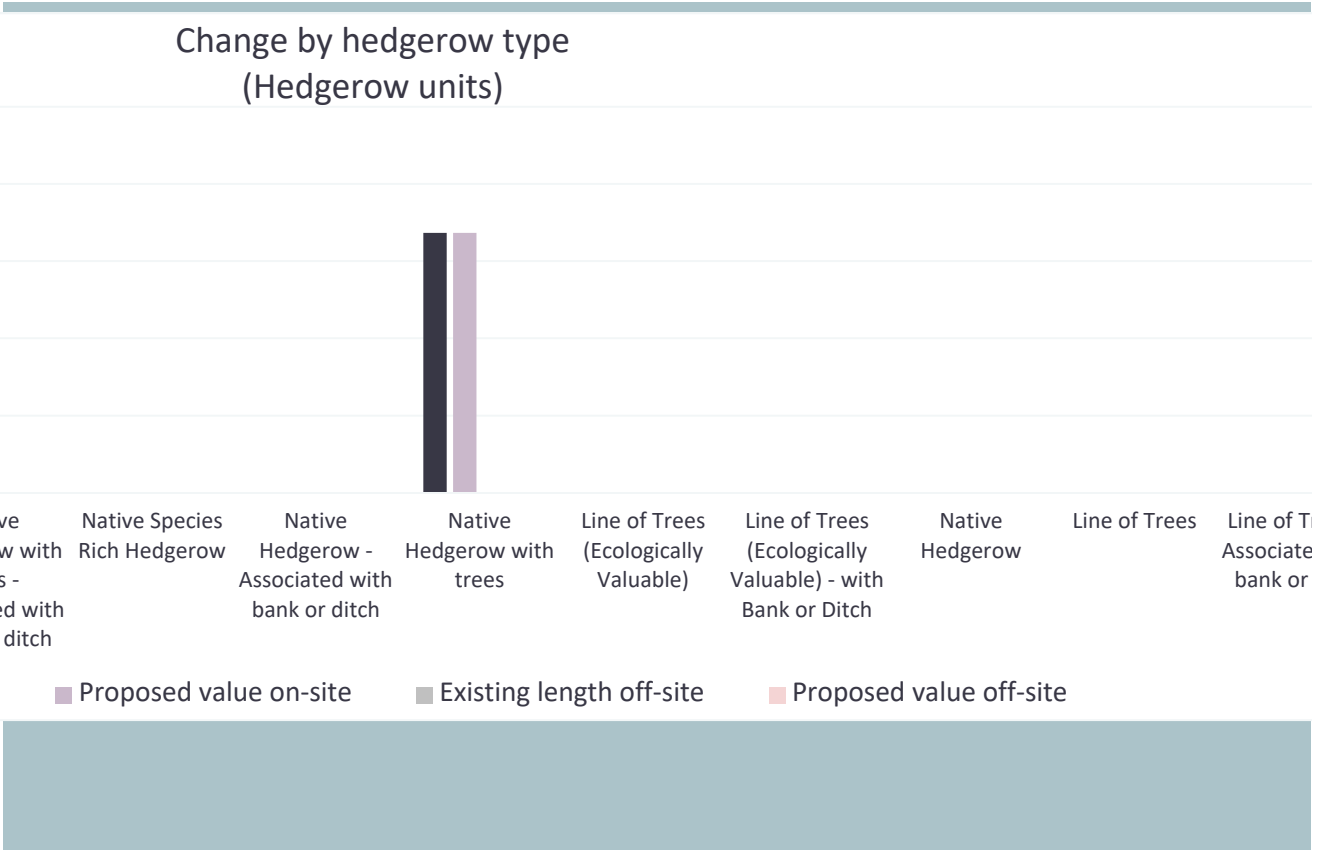
Combined Biodiversity Unit change

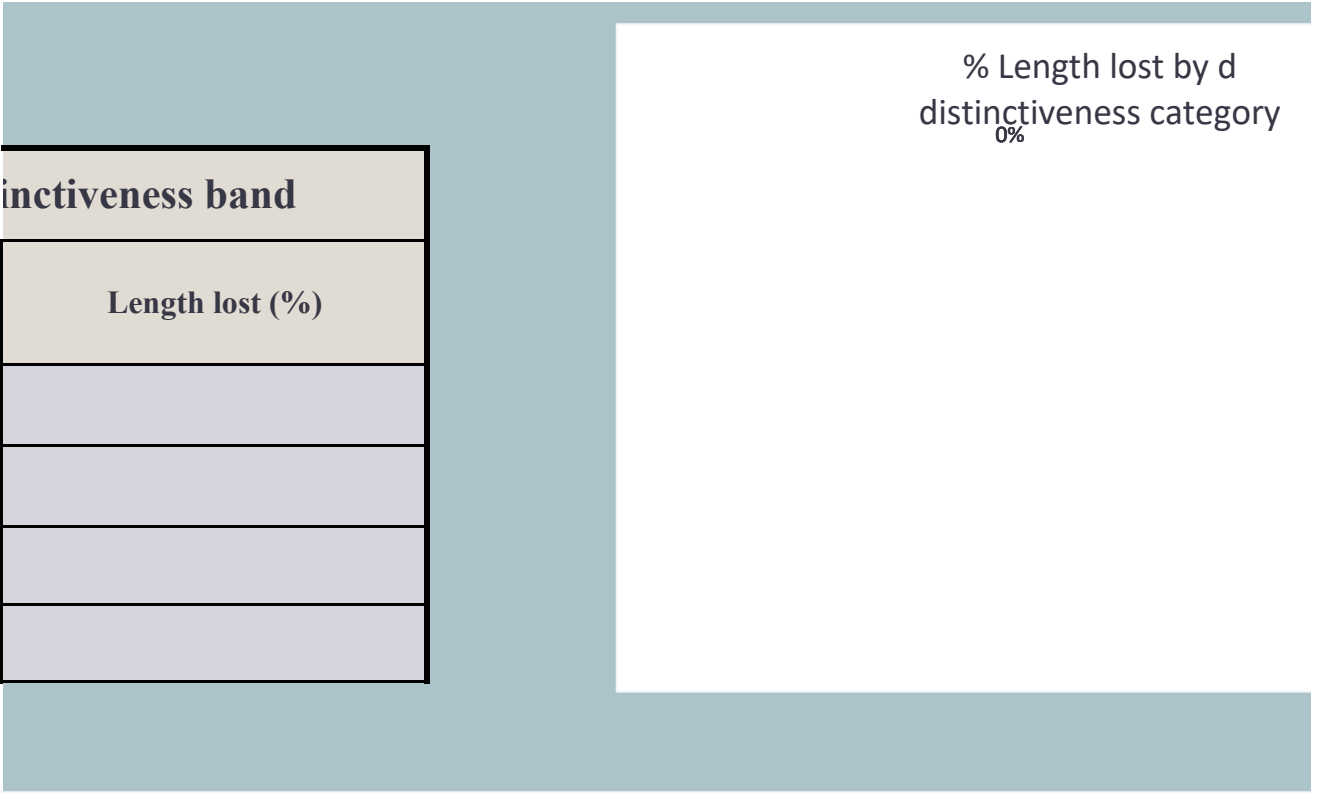


Onsite Unit change Off-site unit change Off site Proposed value Off-site Existir

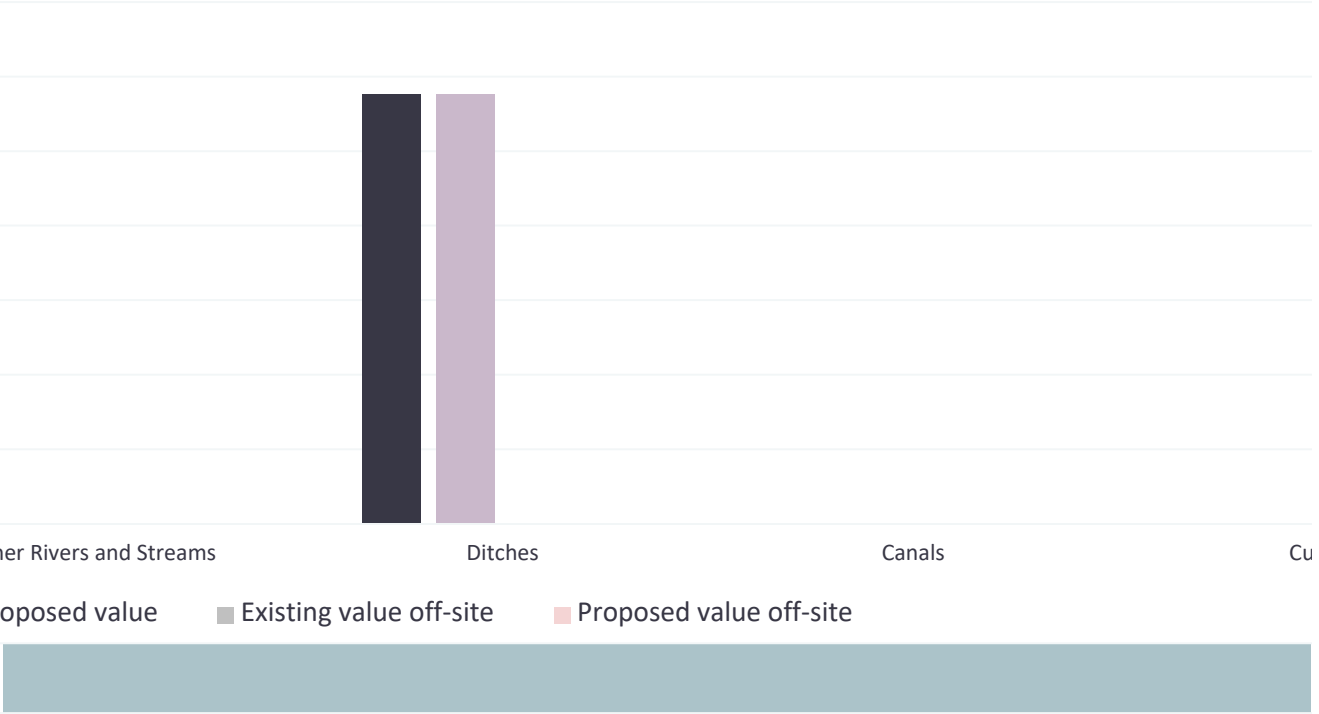
Distinctiveness band
Length lost (%)

% Length lost by distinctiveness cat
0%

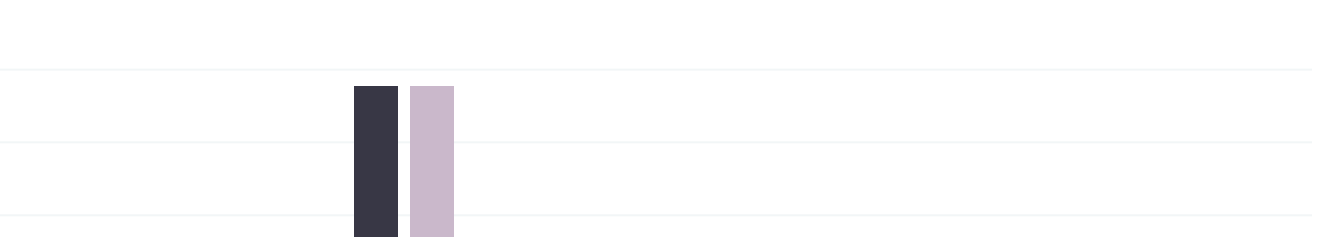


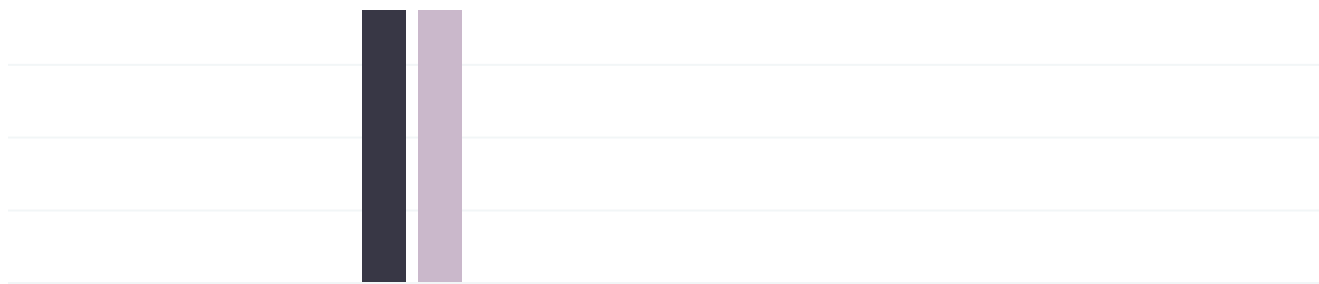


Unit change by river type



Combined Biodiversity Unit change





er Rivers and Streams

Ditches

Canals

Onsite Unit change

Existing value off-site

Proposed value off-site

Off-site





ory

On-site and off-site habitat retention by cate

■ V.High

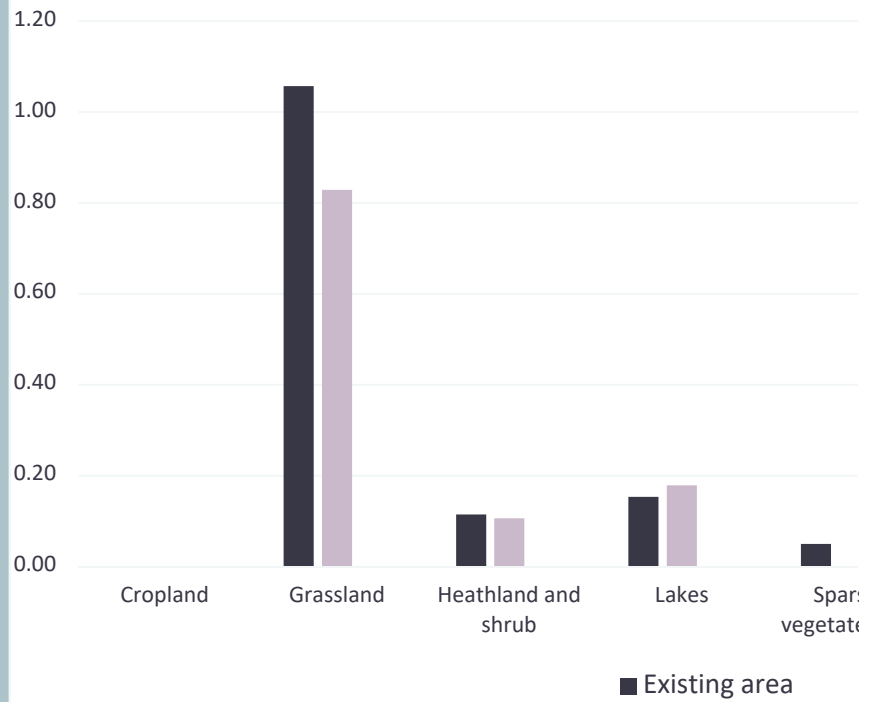
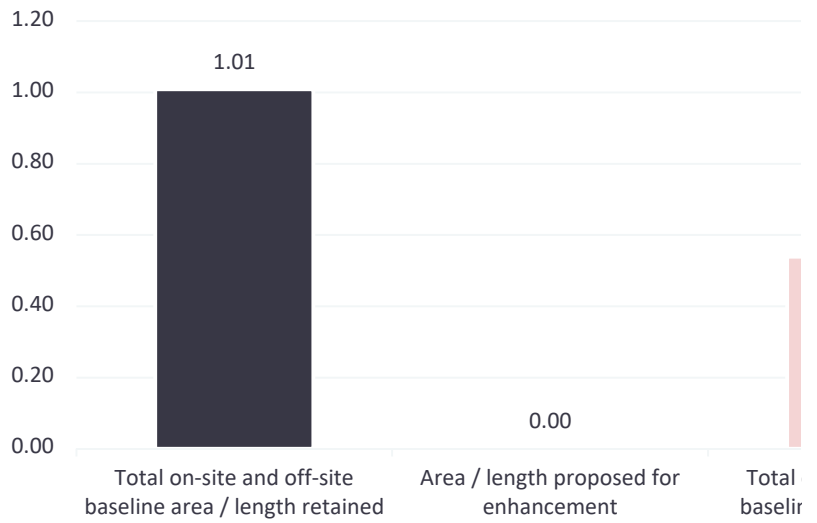
■ High

■ Medium

■ Low

■ V.Low

On site and off site habitat retention by site area (hectares)

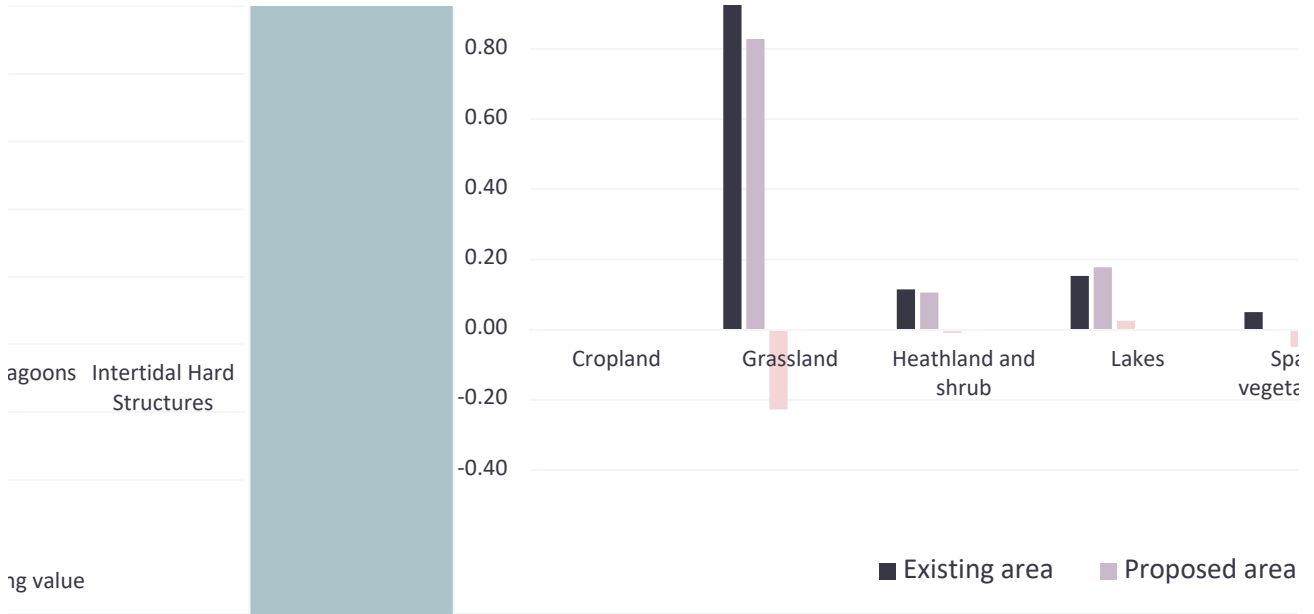


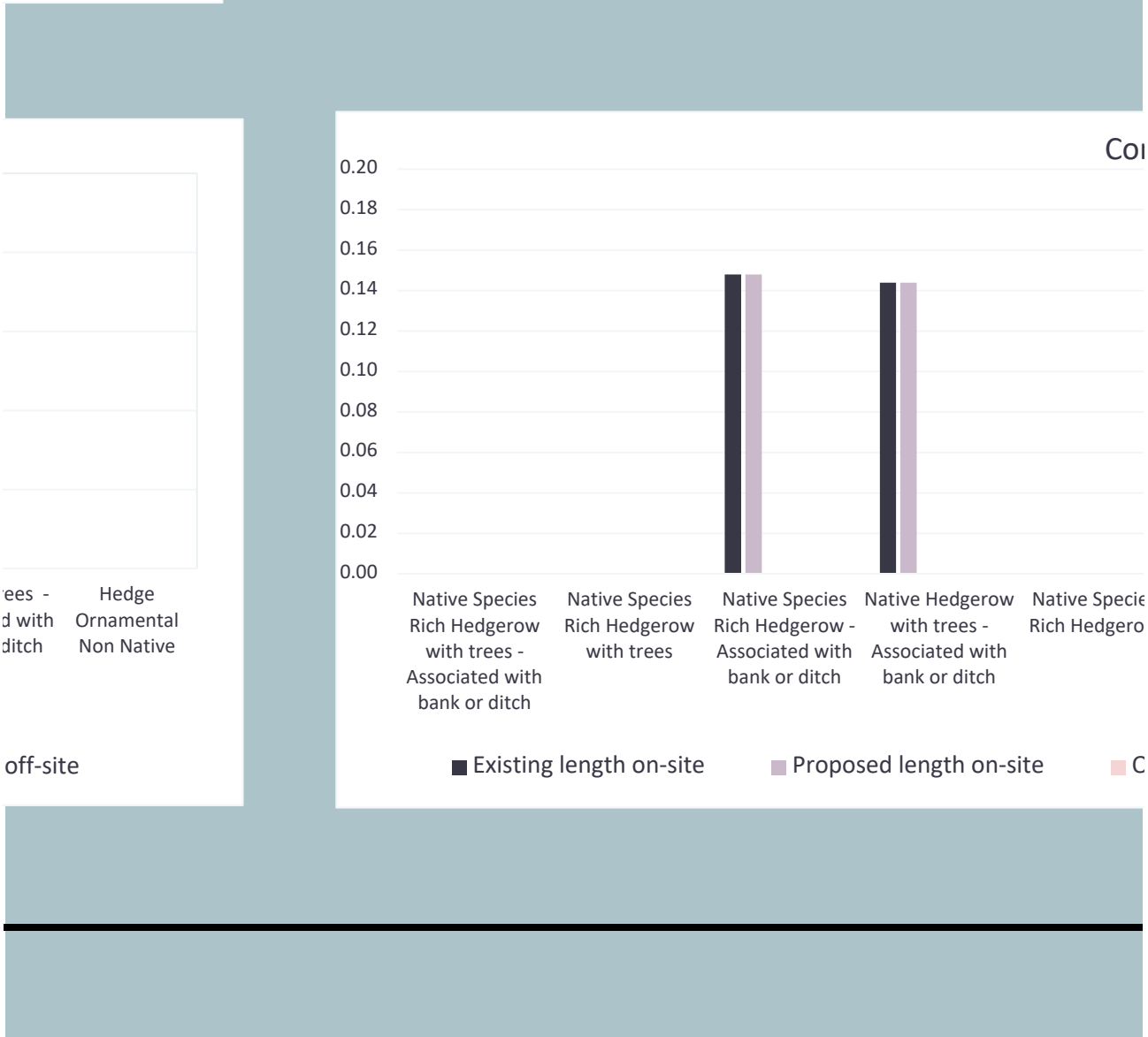
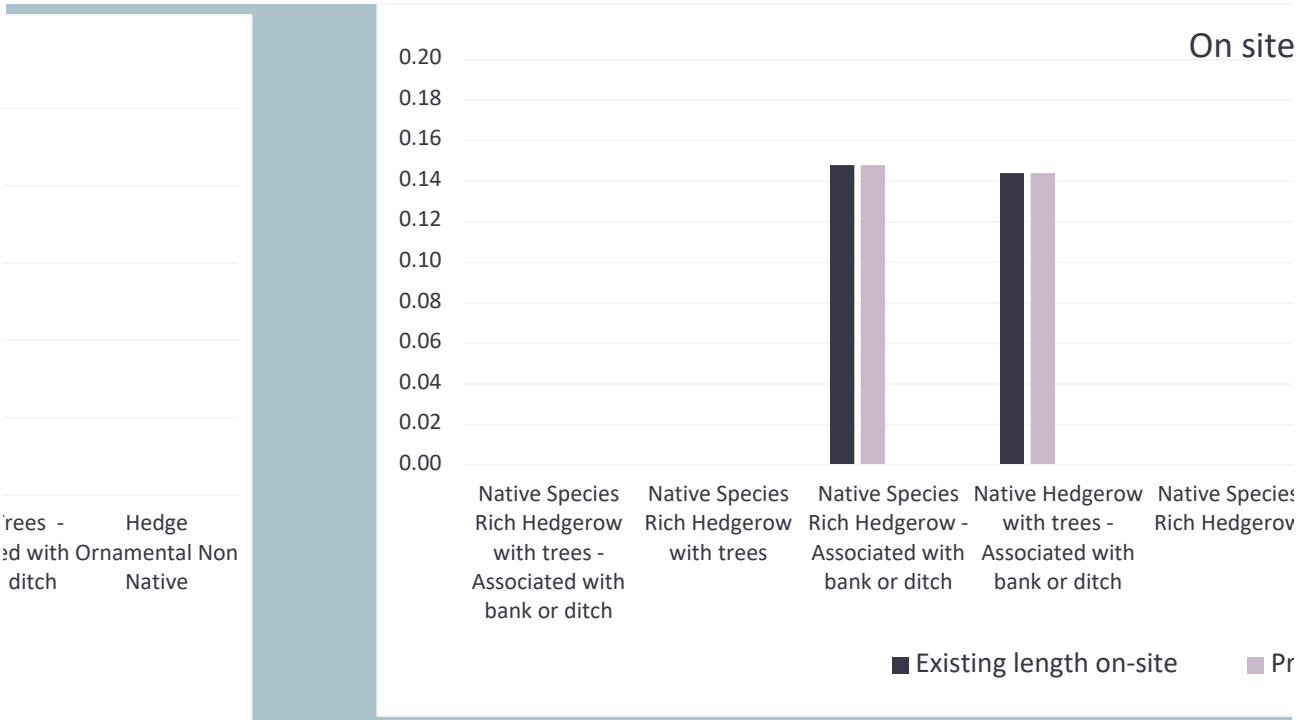
ons Intertidal Hard Structures

■ Existing area

1.20

1.00





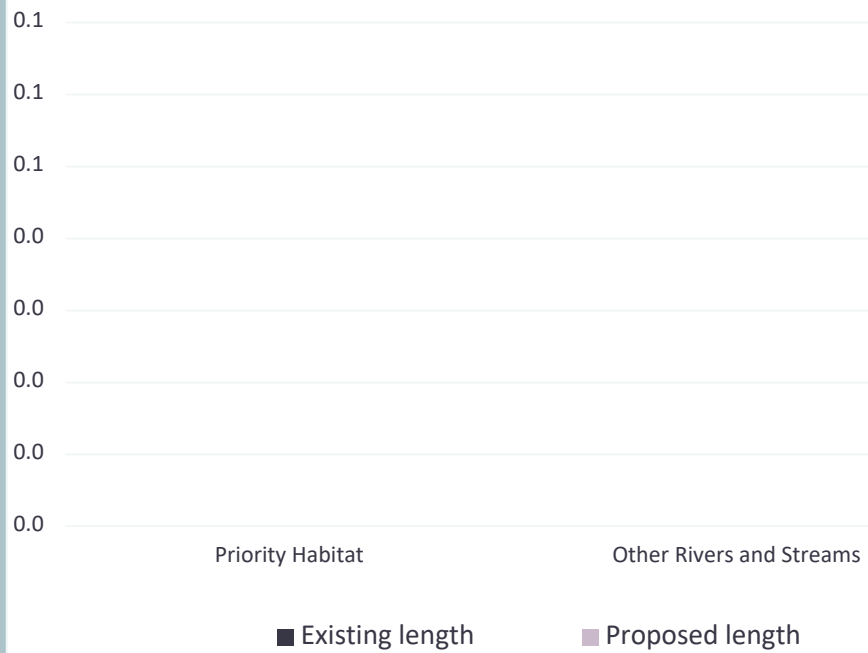
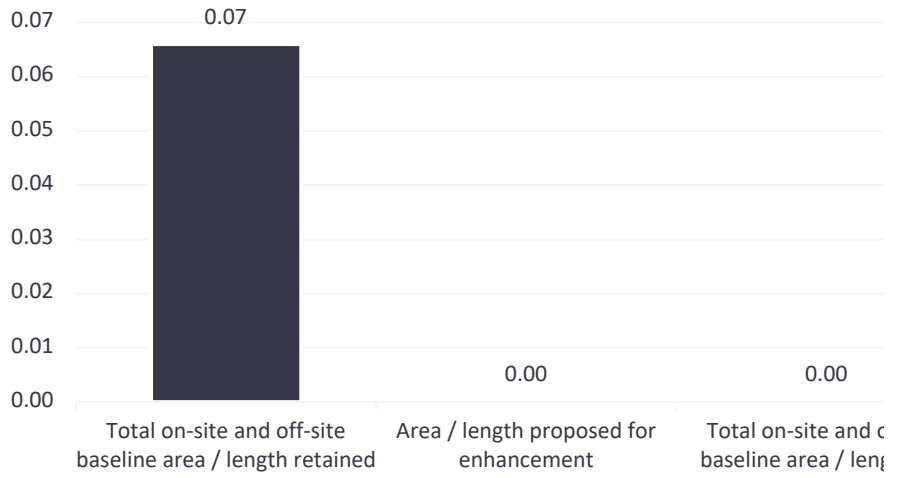
■ V.High

■ High

■ Medium

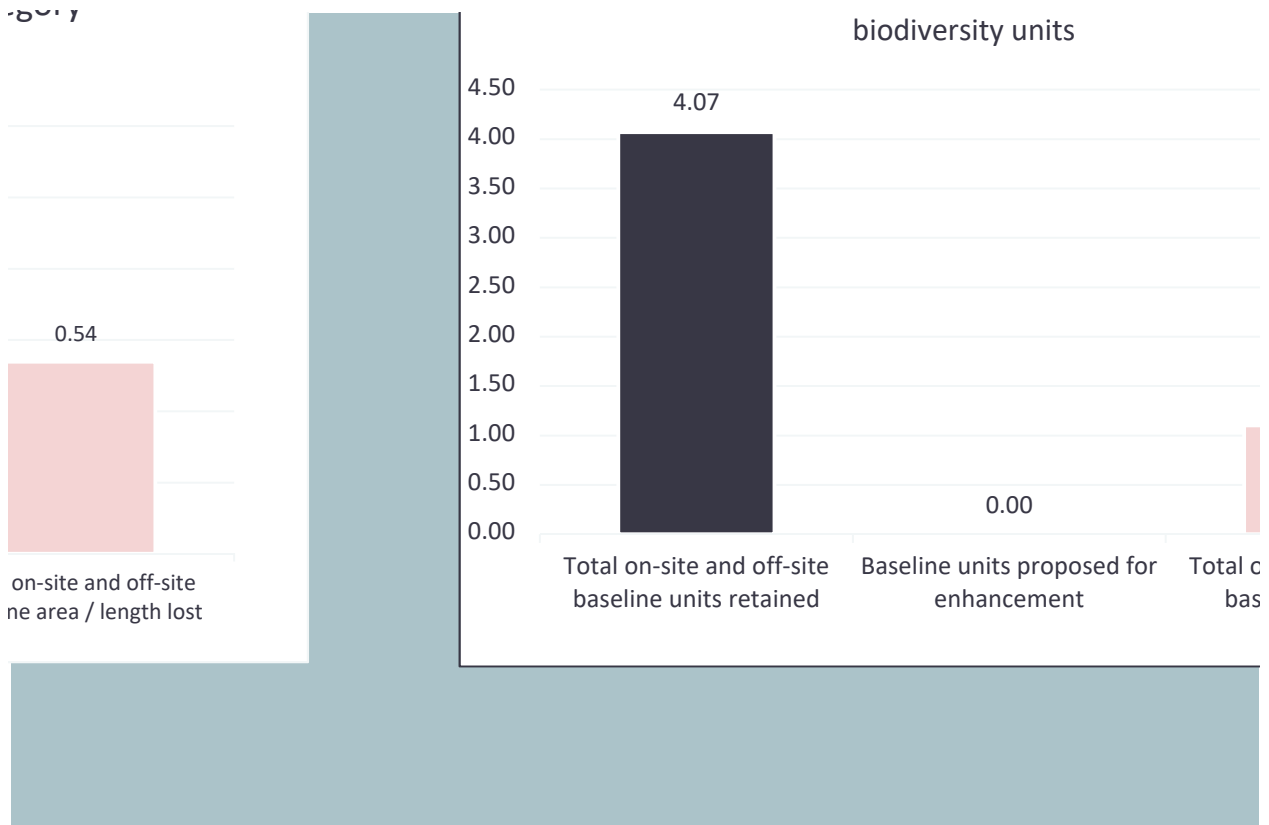
■ Low

River length retained, proposed for enhancement lost (length km)

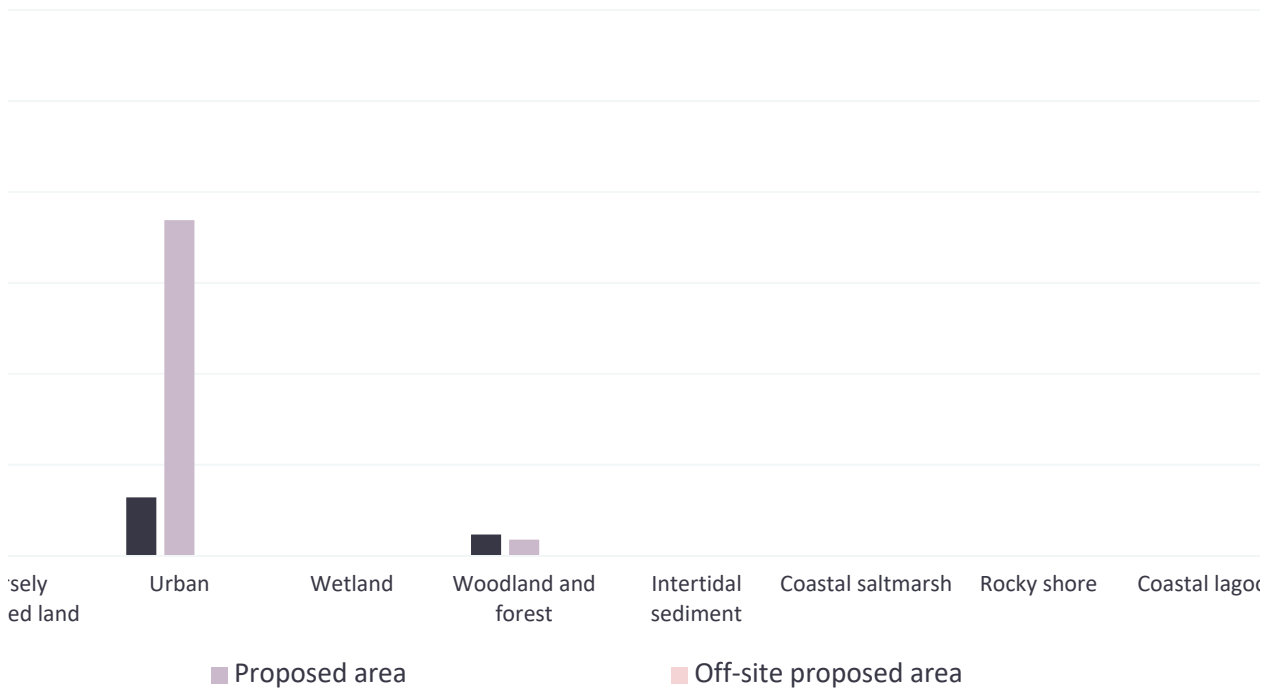


ulvert

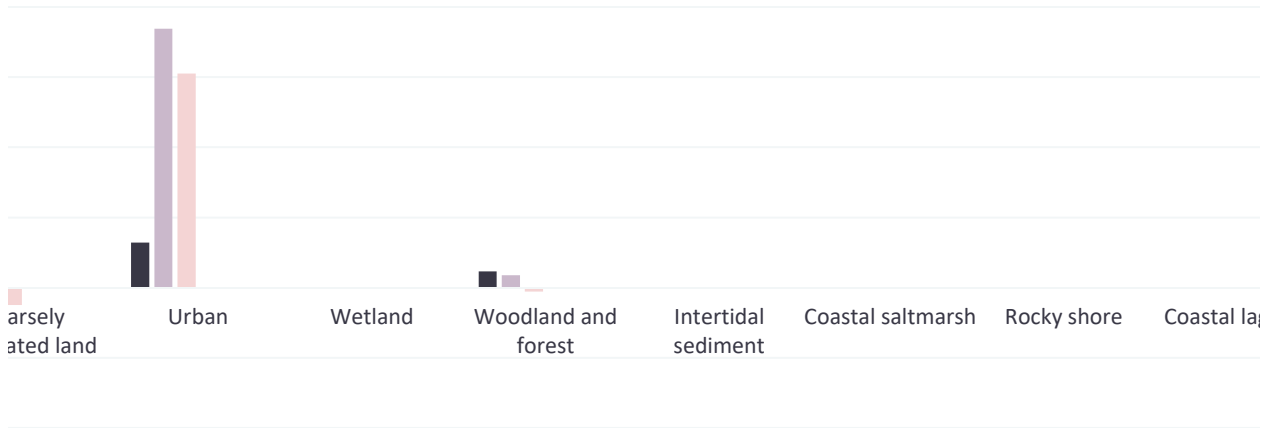




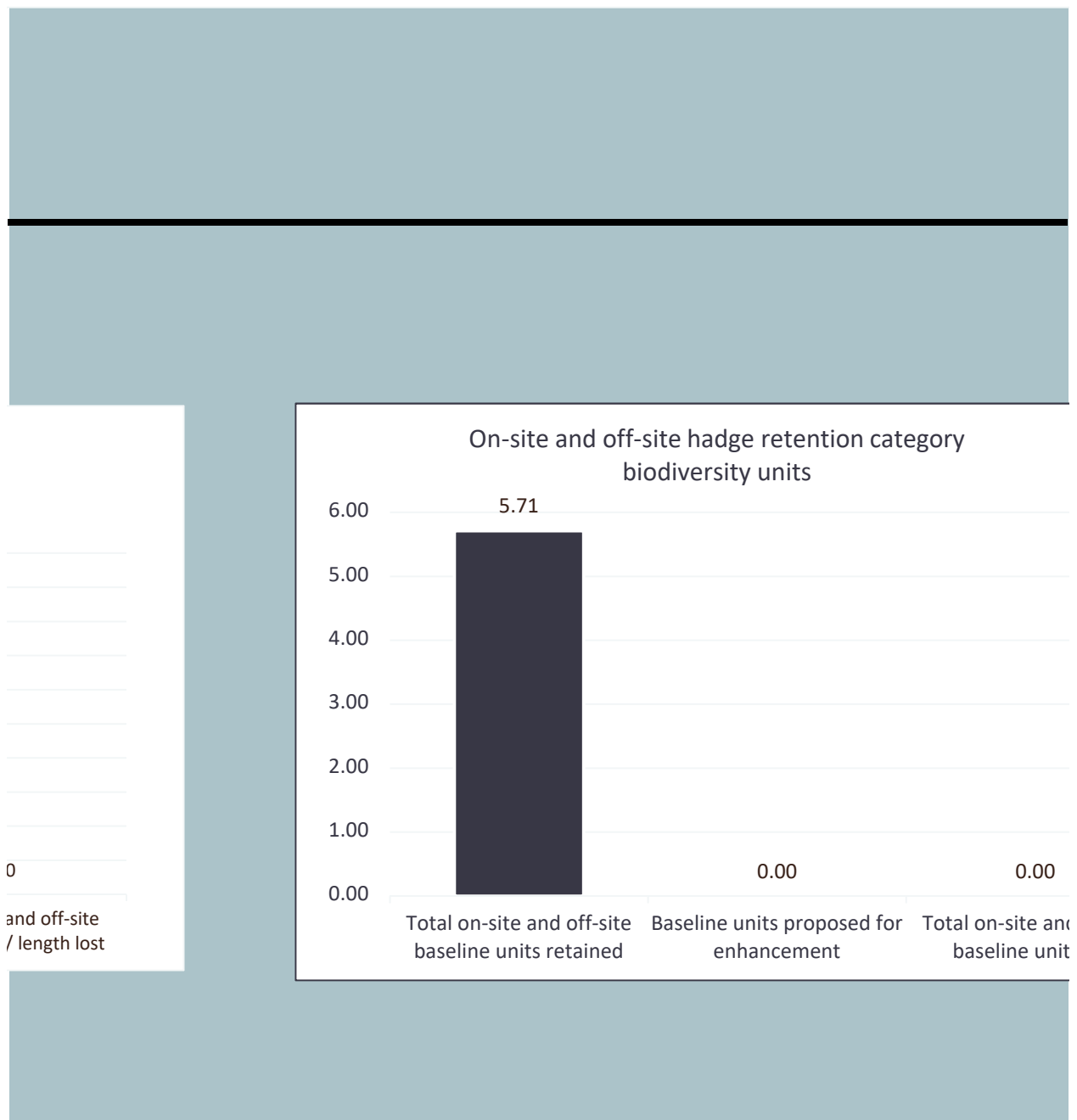
On site area change by habitat group



Combined habitat area change

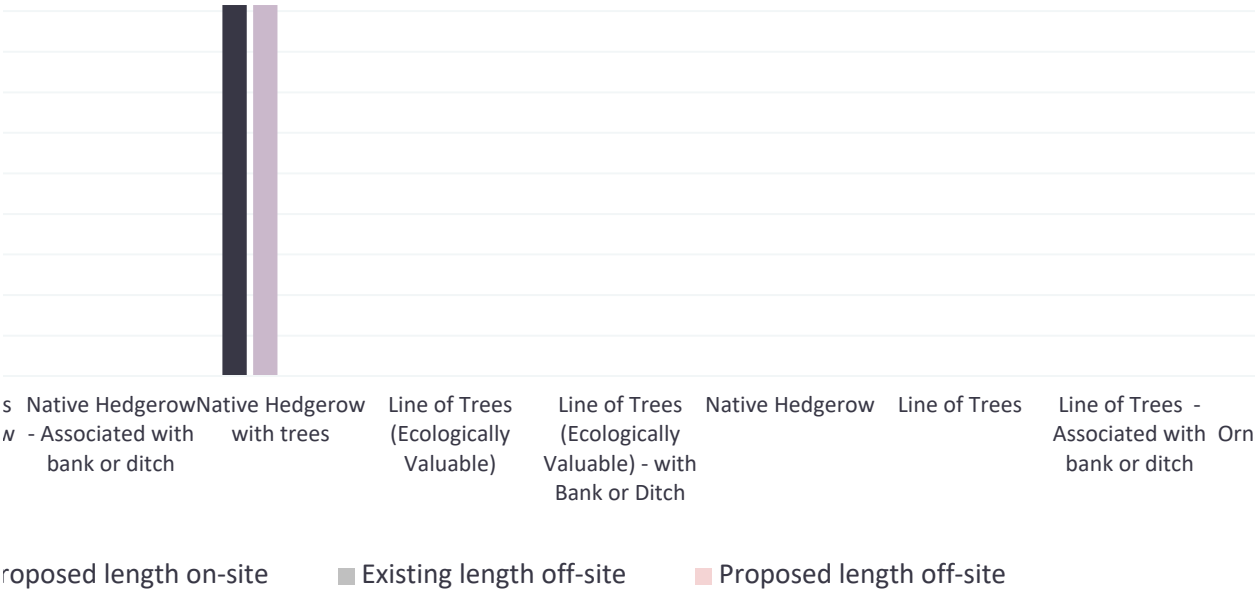


Area change Off-site area change Off-site proposed area Existing area



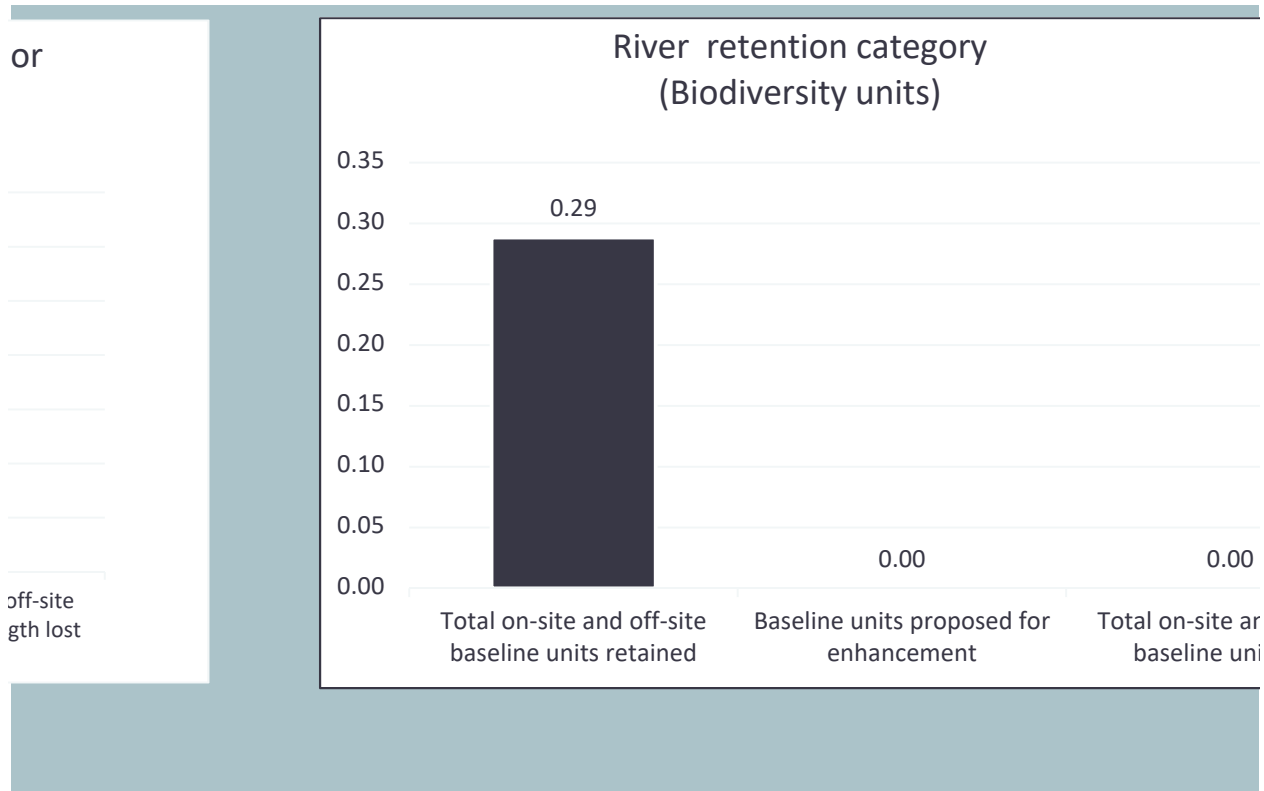
and off-site
/ length lost

Length change by hedgerow length (km)

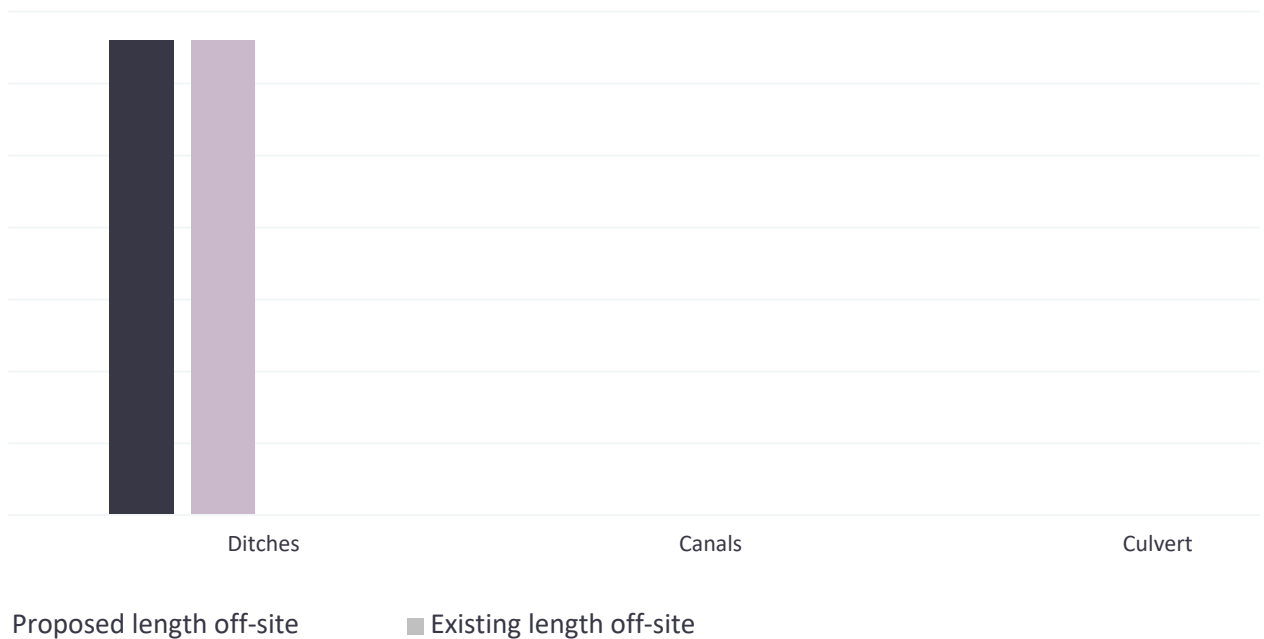


Combined hedgerow length change (km)

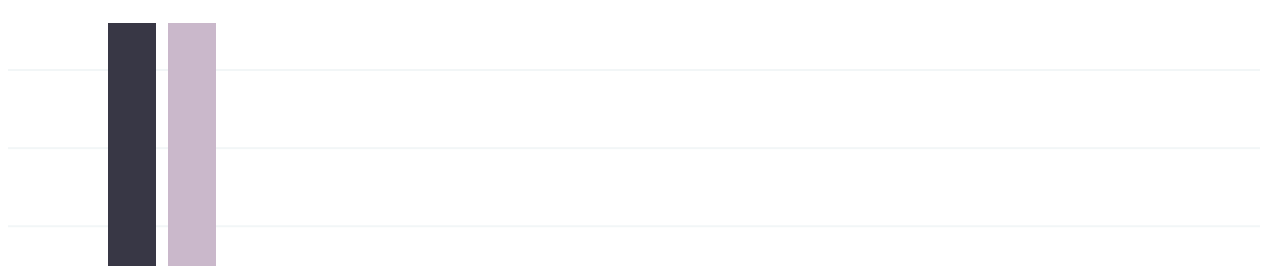




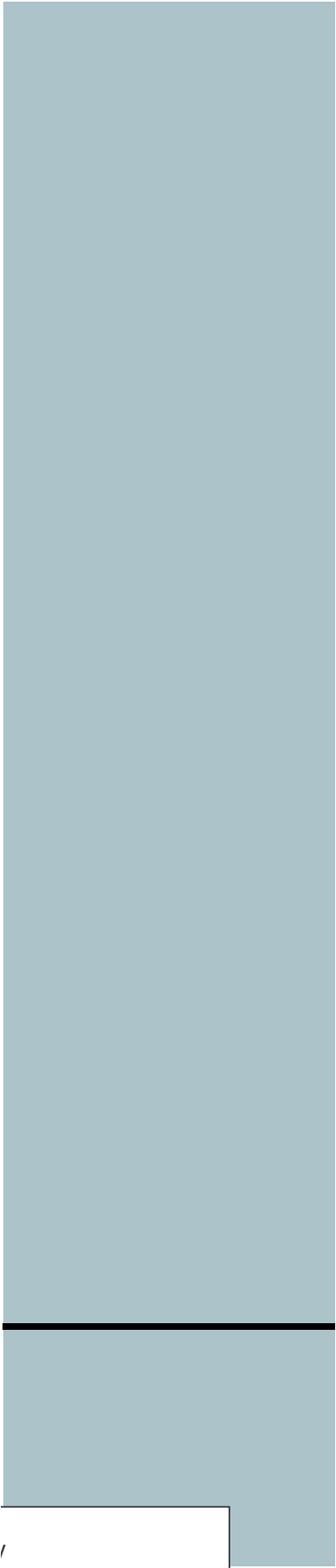
Length change by river type

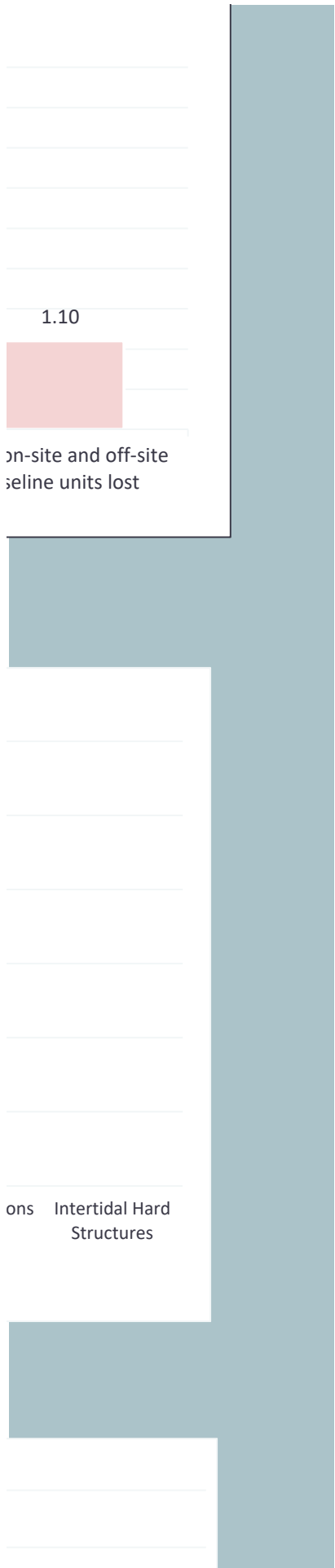


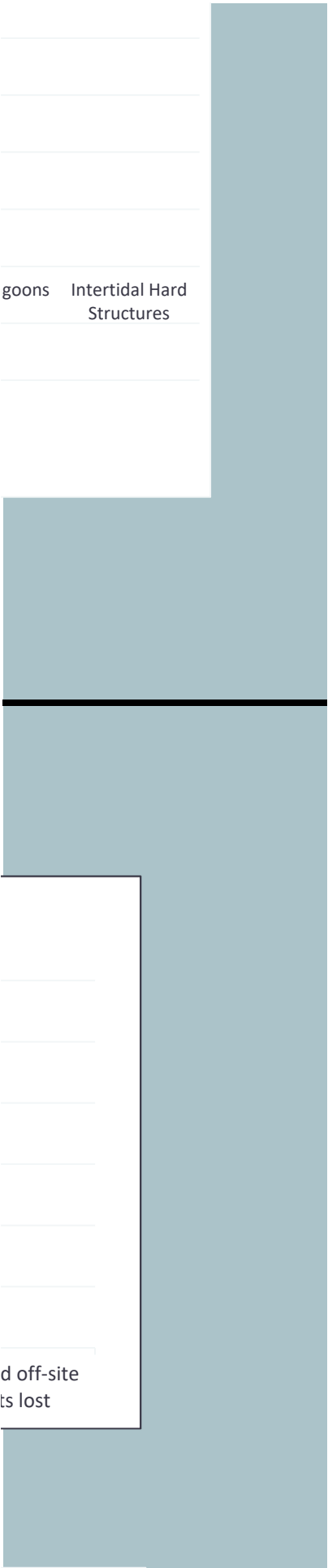
Combined river length change





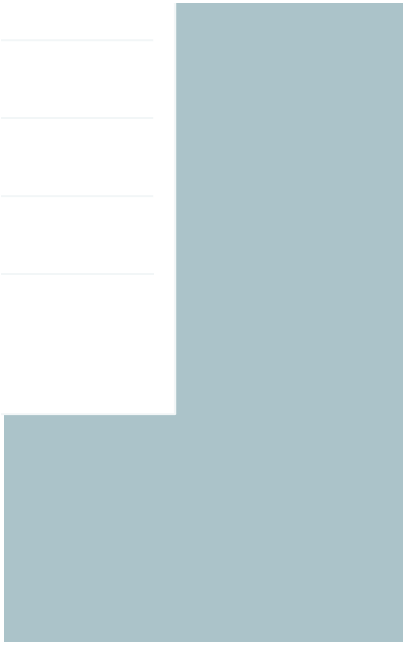




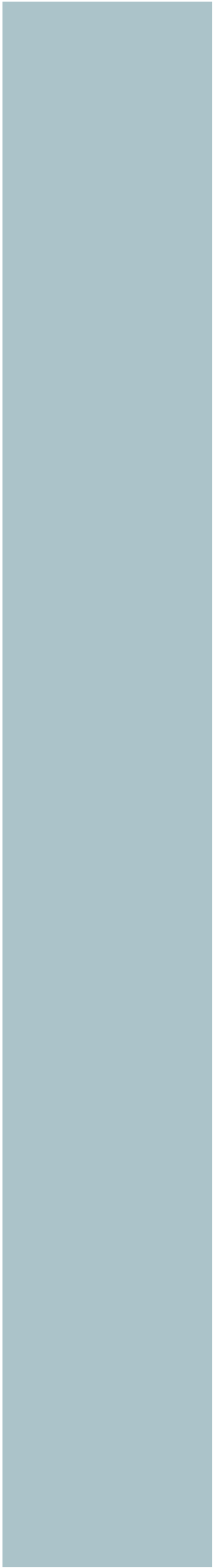


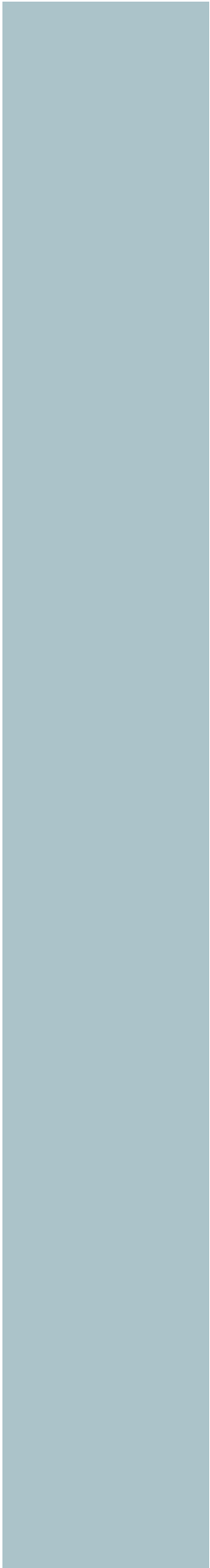
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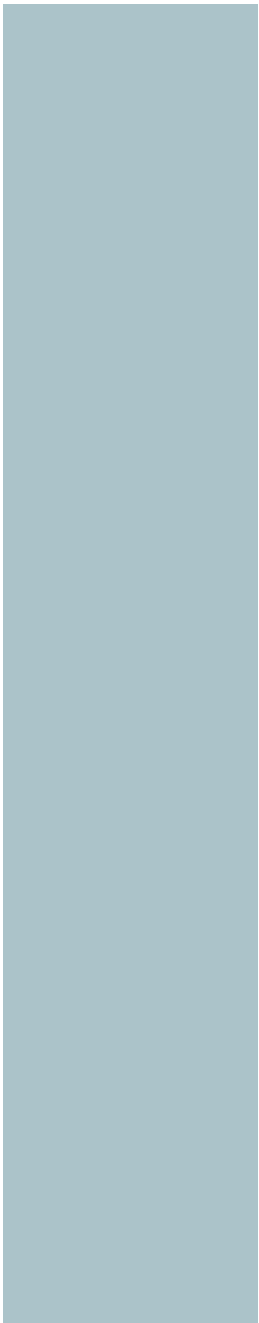
[illegible]



Return to
results
menu







Tradin

Distinctiveness Group

Very High

High

Medium

Low

Very High

Habitat group

Grassland - Lowland dry acid grassland

Grassland - Lowland meadows

Grassland - Upland hay meadows

Heathland and shrub - Mountain heaths and willow scrub

Lakes - Aquifer fed naturally fluctuating water bodies

Sparsely vegetated land - Calaminarian grasslands

Sparsely vegetated land - Limestone pavement

Wetland - Blanket bog

Wetland - Depressions on Peat substrates (H7150)

Wetland - Fens (upland and lowland)

Wetland - Lowland raised bog

Wetland - Oceanic Valley Mire[1] (D2.1)

Wetland - Purple moor grass and rush pastures

Wetland - Transition mires and quaking bogs (H7140)

Woodland and forest - Wood-pasture and parkland

Rocky shore - High energy littoral rock - on peat, clay or chalk

Rocky shore - Moderate energy littoral rock - on peat, clay or chalk

Rocky shore - Low energy littoral rock - on peat, clay or chalk

Rocky shore - Features of littoral rock - on peat, clay or chalk

Intertidal sediment - Littoral seagrass on peat, clay or chalk

High Di

Habitat group

Grassland - Traditional orchards

Grassland - Floodplain Wetland Mosaic (CFGM)

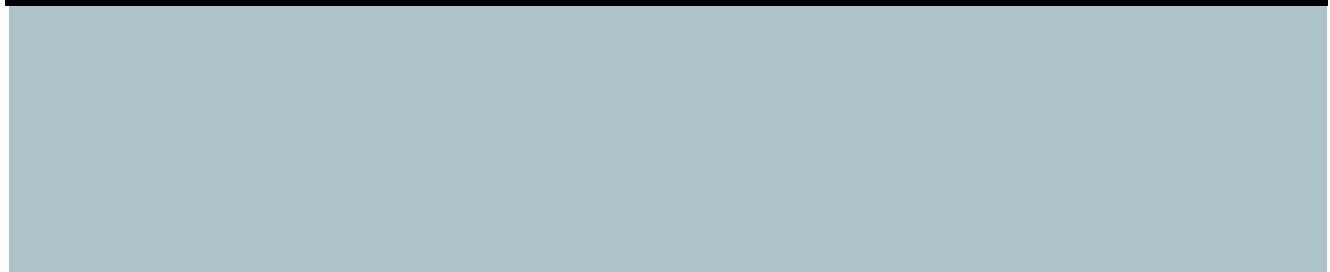
Grassland - Lowland calcareous grassland
Grassland - Tall herb communities (H6430)
Grassland - Upland calcareous grassland
Heathland and shrub - Lowland Heathland
Heathland and shrub - Sea buckthorn scrub (Annex 1)
Heathland and shrub - Upland Heathland
Lakes - High alkalinity lakes
Lakes - Low alkalinity lakes
Lakes - Marl Lakes
Lakes - Moderate alkalinity lakes
Lakes - Peat Lakes
Lakes - Ponds (Priority Habitat)
Lakes - Temporary lakes, ponds and pools
Sparsely vegetated land - Coastal sand dunes
Sparsely vegetated land - Coastal vegetated shingle
Sparsely vegetated land - Inland rock outcrop and scree habitats
Sparsely vegetated land - Maritime cliff and slopes
Urban - Open Mosaic Habitats on Previously Developed Land
Wetland - Reedbeds
Woodland and forest - Felled
Woodland and forest - Lowland beech and yew woodland
Woodland and forest - Lowland mixed deciduous woodland
Woodland and forest - Native pine woodlands
Woodland and forest - Upland birchwoods
Woodland and forest - Upland mixed ashwoods
Woodland and forest - Upland oakwood
Woodland and forest - Wet woodland
Coastal lagoons - Coastal lagoons
Rocky shore - High energy littoral rock
Rocky shore - Moderate energy littoral rock
Rocky shore - Low energy littoral rock
Rocky shore - Features of littoral rock
Intertidal sediment - Littoral mud
Intertidal sediment - Littoral mixed sediments
Coastal saltmarsh - Saltmarshes and saline reedbeds
Intertidal sediment - Littoral biogenic reefs - Mussels
Intertidal sediment - Littoral biogenic reefs - Sabellaria
Intertidal sediment - Features of littoral sediment
Intertidal sediment - Littoral muddy sand



Medium I

Habitat Group

Cropland - Arable field margins cultivated annually
Cropland - Arable field margins game bird mix
Cropland - Arable field margins pollen & nectar
Cropland - Arable field margins tussocky
Grassland - Other lowland acid grassland
Grassland - Other neutral grassland
Grassland - Upland acid grassland
Heathland and shrub - Blackthorn scrub
Heathland and shrub - Bramble scrub
Heathland and shrub - Gorse scrub
Heathland and shrub - Hawthorn scrub
Heathland and shrub - Hazel scrub
Heathland and shrub - Mixed scrub
Lakes - Ponds (Non- Priority Habitat)
Lakes - Reservoirs
Sparsely vegetated land - Other inland rock and scree
Urban - Cemeteries and churchyards
Urban - Biodiverse green roof
Urban - Urban Tree
Woodland and forest - Other Scot's Pine woodland
Woodland and forest - Other woodland; broadleaved
Woodland and forest - Other woodland; mixed
Intertidal sediment - Littoral coarse sediment
Intertidal sediment - Littoral sand
Intertidal Hard Structures - Artificial hard structures with Integrated Greening of Grey Infrastructure (IGGI)



Low Distinctivene	
Habitat group	
Cropland - Cereal crops	
Cropland - Horticulture	
Cropland - Intensive orchards	
Cropland - Non-cereal crops	
Cropland - Temporary grass and clover leys	
Cropland - Cereal crops winter stubble	
Grassland - Modified grassland	
Grassland - Bracken	
Heathland and shrub - Rhododendron scrub	
Lakes - Ornamental lake or pond	

Sparsely vegetated land - Ruderal/Ephemeral
Urban - Bioswale
Urban - Allotments
Urban - Facade-bound green wall
Urban - Ground based green wall
Urban - Ground level planters
Urban - Other green roof
Urban - Intensive green roof
Urban - Introduced shrub
Urban - Rain garden
Urban - Actively worked sand pit quarry or open cast mine
Urban - Sustainable urban drainage feature
Urban - Vacant/derelict land/ bareground
Urban - Vegetated garden
Woodland and forest - Other coniferous woodland
Coastal saltmarsh - Artificial saltmarshes and saline reedbeds
Intertidal sediment - Artificial littoral coarse sediment
Intertidal sediment - Artificial littoral mud
Intertidal sediment - Artificial littoral sand
Intertidal sediment - Artificial littoral muddy sand
Intertidal sediment - Artificial littoral mixed sediments
Intertidal sediment - Artificial littoral seagrass
Intertidal sediment - Artificial littoral biogenic reefs
Intertidal Hard Structures - Artificial hard structures
Intertidal Hard Structures - Artificial features of hard structures
Heathland and shrub - Sea buckthorn scrub (other)



Summary

Trading Rule

Bespoke compensation likely to be required ✖
--

Same habitat required =

Same broad habitat or a higher distinctiveness habitat required ($\geq$)
--

Same distinctiveness or better habitat required $\geq$
--

Distinctiveness

Group	On Site Unit Change	Off Site Unit Change	Project wide Unit Change
Grassland	0.00	0.00	0.00
Grassland	0.00	0.00	0.00
Grassland	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00
Lakes	0.00	0.00	0.00
Sparsely vegetated land	0.00	0.00	0.00
Sparsely vegetated land	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
	0.00	0.00	0.00

instinctiveness

Group	On Site Unit Change	Off Site Unit Change	Project wide Unit Change
Grassland	0.00	0.00	0.00
Grassland	0.00	0.00	0.00

Grassland	0.00	0.00	0.00
Grassland	0.00	0.00	0.00
Grassland	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00
Lakes	0.00	0.00	0.00
Lakes	0.00	0.00	0.00
Lakes	0.00	0.00	0.00
Lakes	0.00	0.00	0.00
Lakes	0.00	0.00	0.00
Lakes	0.00	0.00	0.00
Lakes	0.00	0.00	0.00
Sparsely vegetated land	0.00	0.00	0.00
Sparsely vegetated land	0.00	0.00	0.00
Sparsely vegetated land	0.00	0.00	0.00
Sparsely vegetated land	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00
Woodland and forest	-0.15	0.00	-0.15
Woodland and forest	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00
Coastal lagoons	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Coastal Saltmarsh	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
	-0.15	0.00	-0.15

Distinctiveness

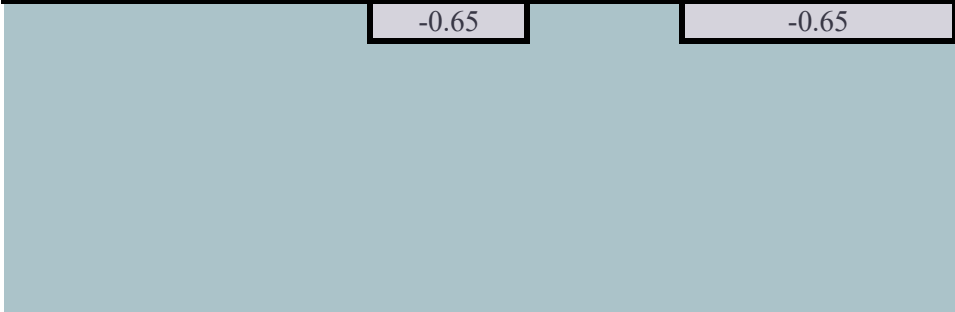
Group	On site unit change	Off Site unit Change	Project wide unit change
-------	---------------------------	----------------------------	-----------------------------

Cropland	0.00	0.00	0.00
Cropland	0.00	0.00	0.00
Cropland	0.00	0.00	0.00
Cropland	0.00	0.00	0.00
Grassland	0.00	0.00	0.00
Grassland	0.00	0.00	0.00
Grassland	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00
Heathland and shrub	-0.04	0.00	-0.04
Lakes	0.21	0.00	0.21
Lakes	0.00	0.00	0.00
Sparsely vegetated land	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Urban	1.09	0.00	1.09
Woodland and forest	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal	0.00	0.00	0.00
	1.25	0.00	1.25

SS

Group	On site unit change	Off Site Unit Change	Project wide unit change
Cropland	0.00	0.00	0.00
Cropland	0.00	0.00	0.00
Cropland	0.00	0.00	0.00
Cropland	0.00	0.00	0.00
Cropland	0.00	0.00	0.00
Cropland	0.00	0.00	0.00
Grassland	-0.53	0.00	-0.53
Grassland	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00
Lakes	0.00	0.00	0.00

Sparsely vegetated land	-0.11	0.00	-0.11
Sparsely vegetated land	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00
Coastal saltmarsh	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal	0.00	0.00	0.00
Intertidal	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00
	-0.65		-0.65



Trading Satisfied?
Yes ✓
No ▲
No ▲
Yes ✓

Unit Losses
0.00

Very High Distinctiveness Summary
Very High Distinctiveness Units available to offset lower distinctiveness deficit

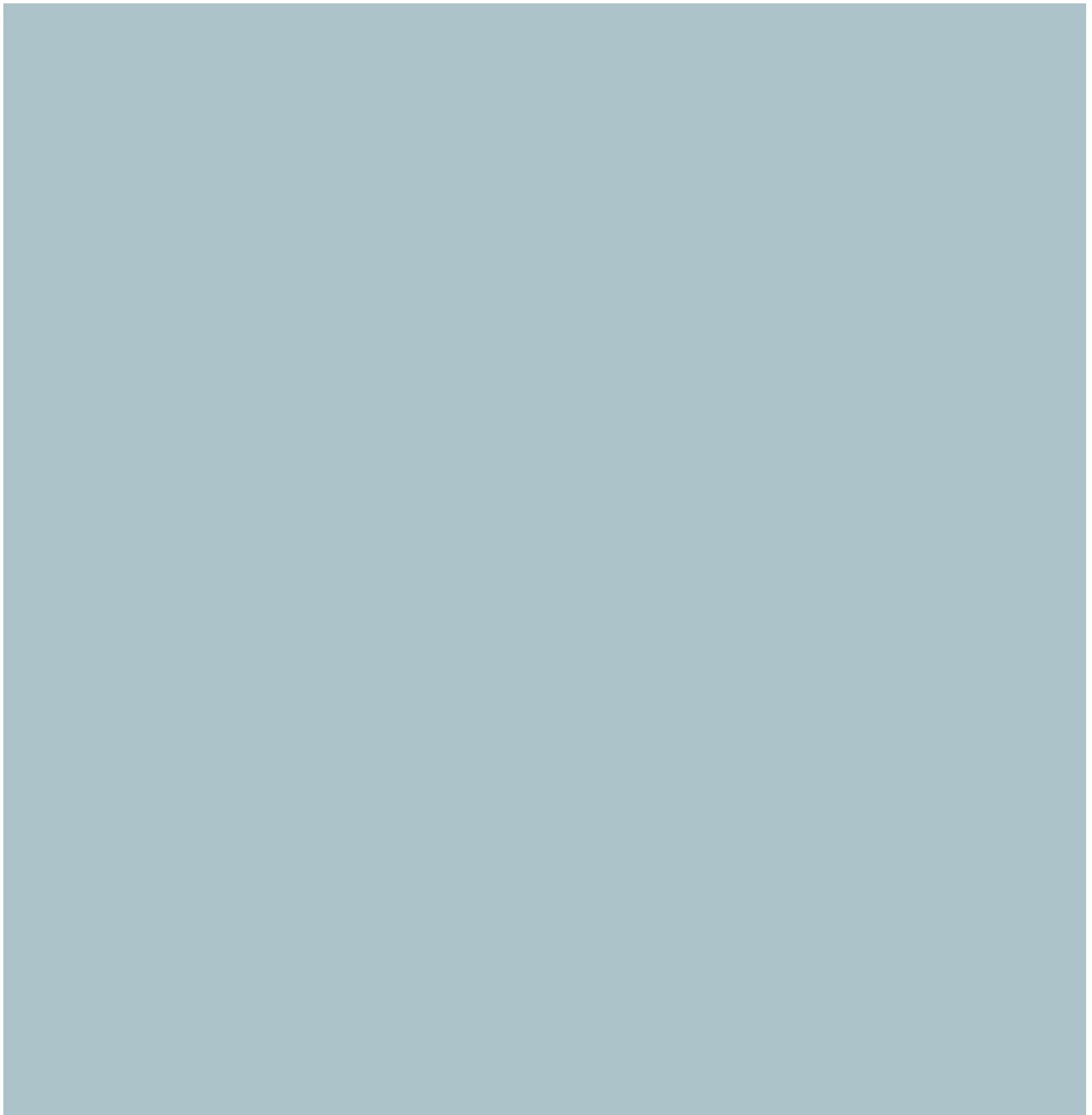
Losses not yet accounted for

High Distinctiveness Summary
High Distinctiveness Units available to offset lower distinctiveness deficit
Unit Defecit; Like for like not satisfied

0.00
0.00
-0.04
0.21
0.00
1.09
0.00
0.00

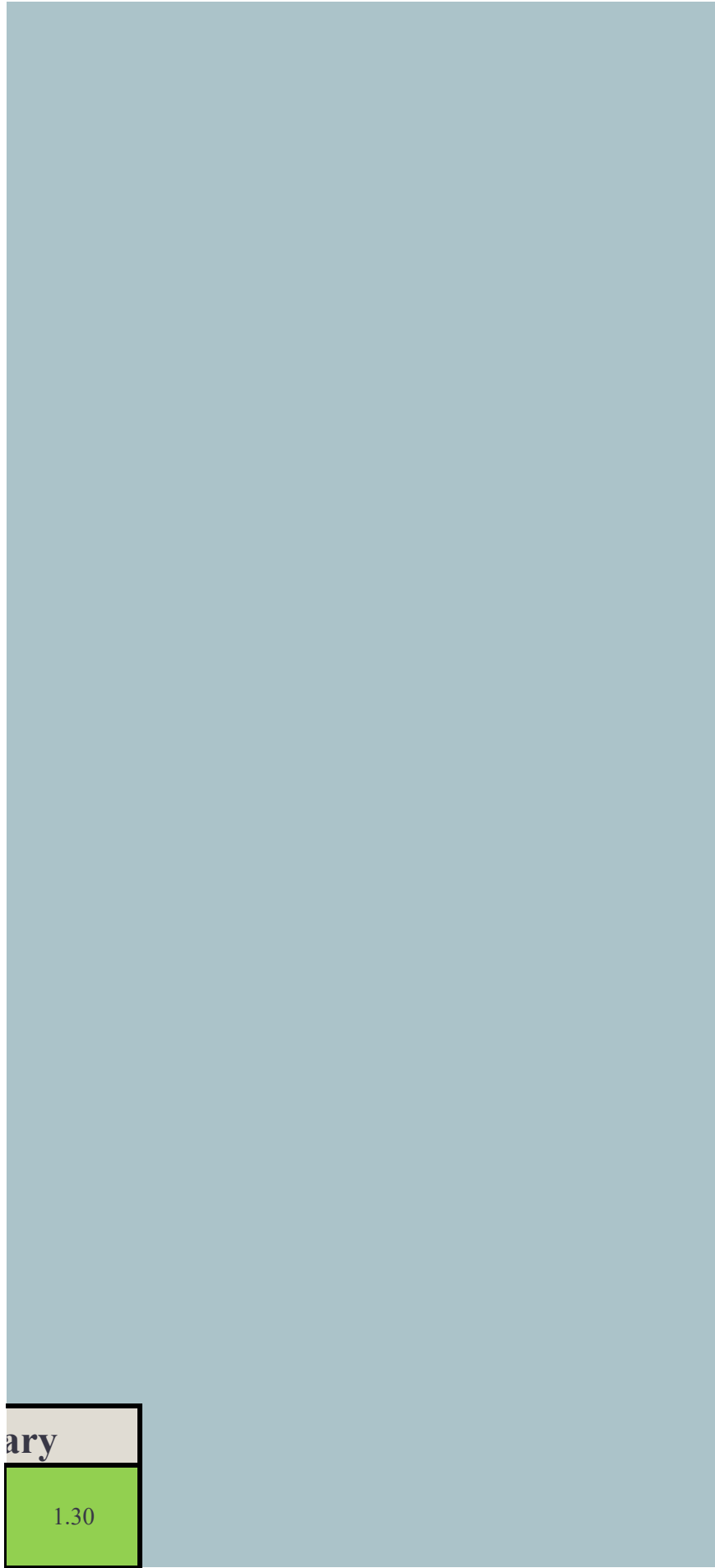
Medium Distinctiveness Broad Habitat Deficit to be offset by trading up
Higher distinctiveness surplus units minus Medium Distinctiveness Broad Habitat Deficit
Cumulative surplus of units

Low Distinctiveness Summary
Low Distinctiveness Net Change in Units
Cumulative surplus of units



ary
0.00

y
0.00
✖ -0.15



ary	
1.30	

-0.04
0.00
1.30

-0.65
0.65



Condense / Show C	
Main Menu	
Ref	Broad Habitat
1	Grassland

2	Heathland and shrub
3	Lakes

4	Sparsely vegetated land
5	Urban
6	Woodland and forest
7	Urban
8	
9	

10	
11	

Inglenook Farm, Barwell

A-1 Site Habitat Baseline

Columns

Condense / Show Rows

Instructions

Habitats and areas	
Habitat Type	Area (hectares)
Modified grassland	1.0565

Mixed scrub	0.1148
Ponds (Non- Priority Habitat)	0.1531

Ruderal/Ephemeral	0.0496
Artificial unvegetated, unsealed surface	0.124
Lowland mixed deciduous woodland	0.0461
Urban Tree	0.0041

Total habitat area	1.55



Distinctiveness	Condition	Strategic significance
Distinctiveness	Condition	Strategic significance
Low	Poor	Formally identified in local strategy

Medium	Poor	Formally identified in local strategy
Medium	Moderate	Formally identified in local strategy

Low	Poor	Formally identified in local strategy
V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy
High	Moderate	Formally identified in local strategy
Medium	Good	Formally identified in local strategy



Suggested action to address habitat losses	Ecological baseline	Retention ca		
	Total habitat units	Area retained	Area enhanced	Baseline units retained
Same distinctiveness or better habitat required $\geq$	2.43	0.7104	0	1.63

Same broad habitat or a higher distinctiveness habitat required ($\geq$)	0.53		0.1059	0	0.49
Same broad habitat or a higher distinctiveness habitat required ($\geq$)	1.41		0.1531	0	1.41

Same distinctiveness or better habitat required $\geq$	0.11		0	0	0.00
Compensation Not Required	0.00		0	0	0.00
Same habitat required =	0.64		0.0352	0	0.49
Same broad habitat or a higher distinctiveness habitat required ($\geq$)	0.06		0.0041	0	0.06

	5.17	1.01	0.00	4.07
Total area lost (excluding area of U and Green walls)				



Category biodiversity value			Bespoke compensation agreed for unacceptable losses
Baseline units enhanced	Area habitat lost	Units lost	
0.00	0.35	0.80	

0.00	0.01	0.04	
0.00	0.00	0.00	

0.00	0.05	0.11	
0.00	0.12	0.00	
0.00	0.01	0.15	
0.00	0.00	0.00	

0.00	0.54	1.10	
Urban trees	0.54		



Comments

Assessor comments

Grassland distributed across the majority of the site.

Condition has been assessed as Poor, as the habitat achieves the following criteria in the conditions assessment:

- less than 6-8 species per m²
- sward height is not varied (with 20% of sward less than 7cm and 20% sward more than 7cm). There are longer areas in the south corner up to 1.5m high but only account for ~5% of the grassland area.
- there is some blackthorn in the southeast and bramble on southern boundary but scrub accounts for less than 20% of total grassland area.
- physical damage is evident in more than 5% of the total grassland area.
- cover of bare ground is greater than 10%, including localised areas. ~30% bare ground running through site with large areas along site boundaries from machinery and potential waterlogging. Barer areas to the west look recently disturbed, potentially by machinery driving over in wet weather.
- cover of bracken is less than 20%
- an absence of invasive non-native species

Site is within land designated as a Green Wedge, hence the strategic significance. The majority of the grassland is to be retained within proposals.

Mixed scrub along the southeast boundary of the site.

Condition has been assessed as Poor, as the habitat achieves the following criteria in the conditions assessment:

- there is not a good age range: mostly mature shrubs.
- there is a presence of invasive non-native species (as listed on Schedule 9 of WCA, 1981) and undesirable species make up more than 5% of ground cover: common nettle and cleavers in the understorey.
- the scrub does not have well-developed edges with scattered scrub and tall grassland and/ or herbs present between the scrub and adjacent habitat(s): there is some tall grass to the south but shorter grassland and mound elsewhere.
- there are no clearings, glades or rides present within the scrub, providing sheltered edges.

Site is within land designated as a Green Wedge, hence the strategic significance. A small area of mixed scrub is to be lost within the proposals.

Two ponds in the north of the site.

Each has been condition assessed separately as Moderate, as they achieve 6 and 7 criteria in the conditions assessment.

Site is within land designated as a Green Wedge, hence the strategic significance. Both ponds are to be retained within the proposals.

Sparseley vegetated land along the east boundary of the site. Under UKHabs classification, this area more closely falls under other neutral grassland (g3c, secondary code 17). However, as the area was abundant with cleavers and nettles, with occasional cow parsley and common nipplewort, it was determined that assessing it under ruderal/ephemeral would be a better indication of value.

Condition has been assessed as Poor, as the habitat achieves the following criteria in the conditions assessment:

- there is not a varied vegetation structure that can provide opportunities for insects, birds and bats to live and breed. A single ecotone (herbs) account for more than 80% of the total habitat area.
- there is not a diverse range of flowering plant species that can provide nectar sources for insects. These species may be either native, or non-native but beneficial to wildlife.
- invasive non-native species (Schedule 9 of WCA) are completely absent.

Site is within land designated as a Green Wedge, hence the strategic significance. This area is to be lost within the proposals.

Artificial unvegetated, unsealed surface locted in the north east of the site, and as strip of land from the northern boundary across the site to the western boundary.

Condition assessment not required.

Not counted as strategically significant in terms of biodiversity. These areas are to be lost within current proposals.

Mixed woodlands in the northeast corner of the site.

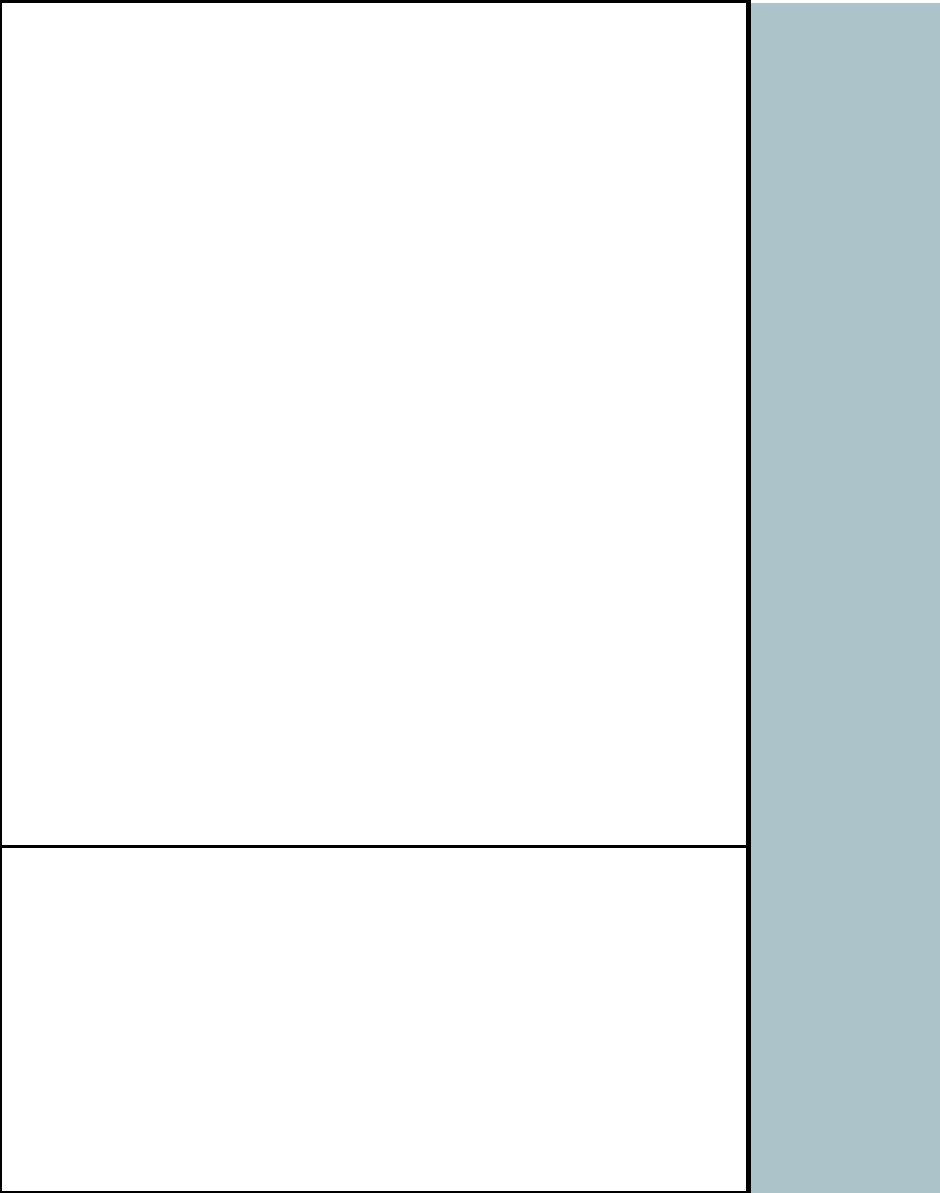
One urban tree located in the northwest corner of the site.

Condition has been assessed as Good, as the habitat achieves 5 out of a possible 6 criteria.

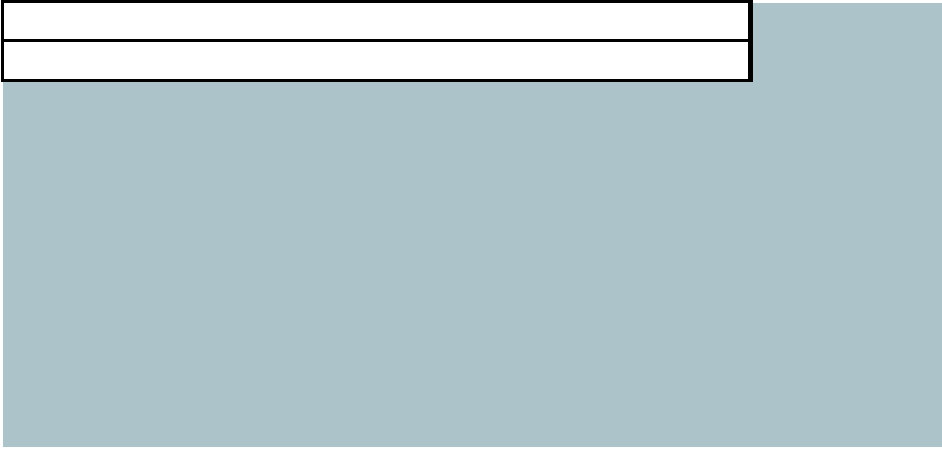
Site is within land designated as a Green Wedge, hence the strategic significance. The tree is expected to be retained within proposals.

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Reviewer comments



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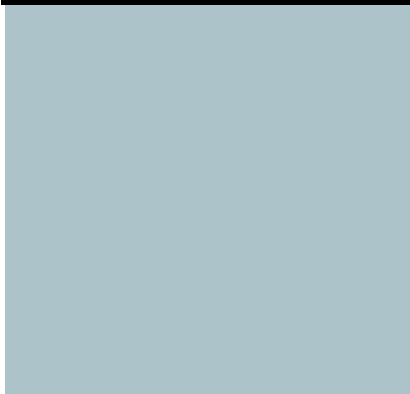
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Main M
Broad Habitat
Grassland
Lakes
Urban
Urban

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Inglenook Farm, Barwell

A-2 Site Habitat Creation

Show Columns

Condense / Show Rows

Menu

Instructions

Proposed habitat	Area (hectares)
Modified grassland	0.1183
Ponds (Non- Priority Habitat)	0.0251
Developed land; sealed surface	0.3961
Urban Tree	0.3378

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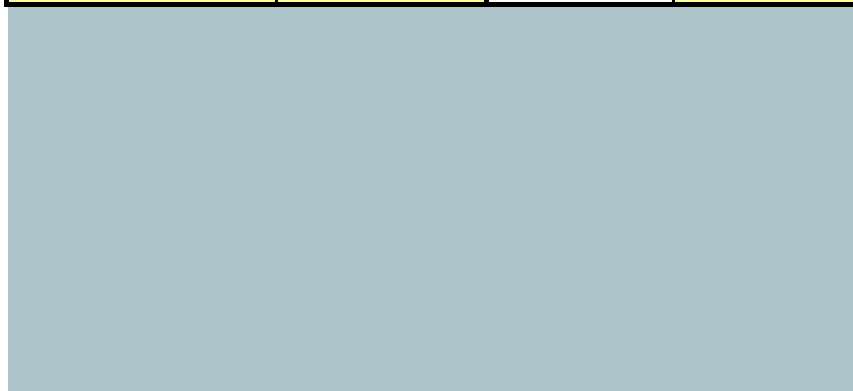
Distinctiveness		Condition	
Distinctiveness	Score	Condition	Score
Low	2	Poor	1
Medium	4	Moderate	2
V.Low	0	N/A - Other	0
Medium	4	Poor	1

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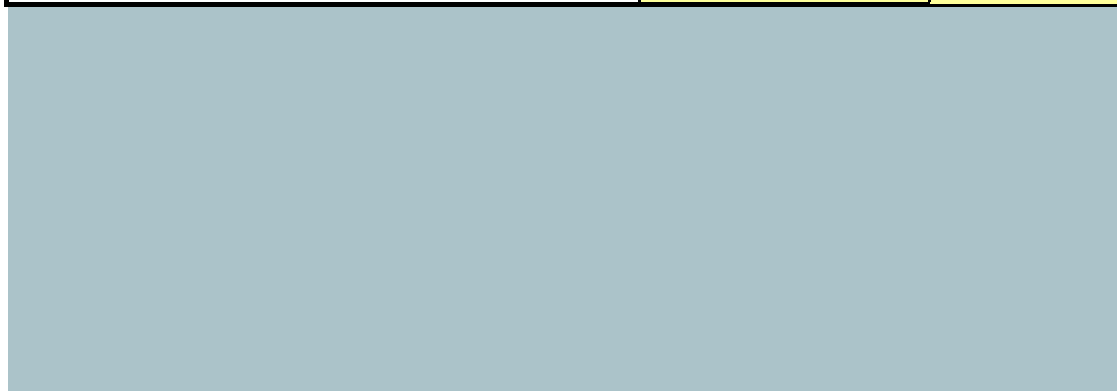
Strategic significance		
Strategic significance	Strategic significance	Strategic position multiplier
Formally identified in local strategy	High strategic significance	1.15
Formally identified in local strategy	High strategic significance	1.15
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1
Formally identified in local strategy	High strategic significance	1.15

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Post development/ post intervention habitats

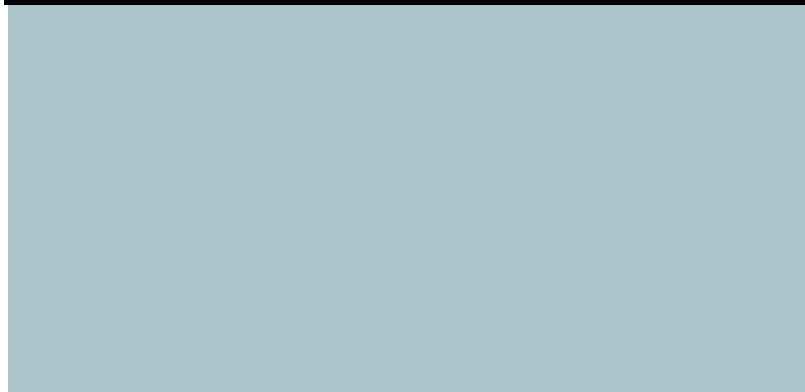
Standard time to target condition/years	Habitat created in advance/years	Delay in starting habitat creation/years
1	0	0
3	0	0
0	0	0
10	0	0

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Temporal multiplier		
Standard or adjusted time to target condition	Final time to target condition/years	Final time to target multiplier
Standard time to target condition applied	1	0.965
Standard time to target condition applied	3	0.899
Standard time to target condition applied	0	1.000
Standard time to target condition applied	10	0.700

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Difficulty multipliers			
Standard difficulty of creation	Applied difficulty multiplier	Final difficulty of creation	Difficulty multiplier applied
Low	Standard difficulty applied	Low	1
Low	Standard difficulty applied	Low	1
Low	Standard difficulty applied	Medium	0.67
Low	Standard difficulty applied	Low	1

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Habitat units delivered	Con
	Assessor comments
0.26	Modified grassland to be created across the site in areas between developed land/ sealed surfaces. Due to the likelihood of high foot traffic and an extensive management regime (e.g. frequent mowing), the grassland is anticipated to be in poor condition.
0.21	A small pond is to be created in the centre of the site. If the pond is managed for wildlife purposes, as opposed to recreational purposes, then the pond is expected to be in moderate condition. The pond should not be artificially connected to other waterbodies and water levels should be left to naturally fluctuate. Additionally, the pond should not be artificially stocked with fish, and invasive animal and plant species should be removed.
0.00	Developed land to be created as holiday lodges and pods, access roads and parking spaces within the site. The condition defaults to N/A - Other. Not counted as strategically significant in terms of biodiversity.
1.09	A total of 83 small trees are to be planted across the site. As trees are expected to be managed with public safety in mind, they are anticipated to be of poor condition. Tree species have not been specified within the proposals, however, native species should be utilised.

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Inglenook Farm, Barwell

A-3 Site Habitat Enhancement

Condense / Show Columns

Condense / Show Rows

Main Menu

Instructions

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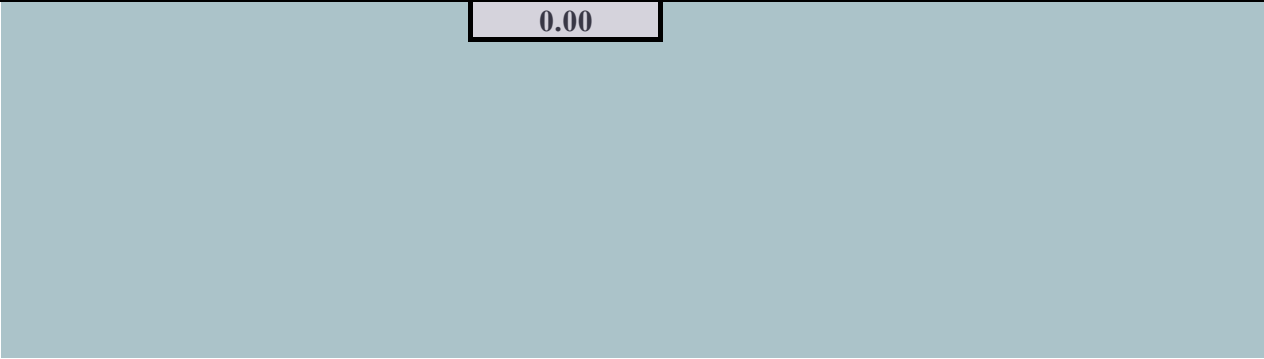
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Condense / Show C

Main Menu

Baseline ref	Hedge number
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B-1 Site Hedge Baseline

Columns

Condense / Show Rows

Instructions

UK Habitats - existing habitats	
Hedgerow type	Length (km)
Native Hedgerow with trees - Associated with bank or ditch	0.144
Native Hedgerow with trees	0.183



Habitat distinctiveness	Habitat condition	Strategic significance
Distinctiveness	Condition	Strategic significance
High	Moderate	Formally identified in local strategy
Medium	Moderate	Formally identified in local strategy

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Suggested action to address habitat losses	Ecological baseline	Retention category biodiversity value			
	Total hedgerow units	Length retained	Length enhanced	Units retained	Units enhanced
Like for like or better	1.99	0.144	0	1.99	0.00
Like for like or better	1.68	0.183	0	1.68	0.00

Like for like or better	2.04	0.148	0	2.04	0.00
	5.71	0.48	0.00	5.71	0.00

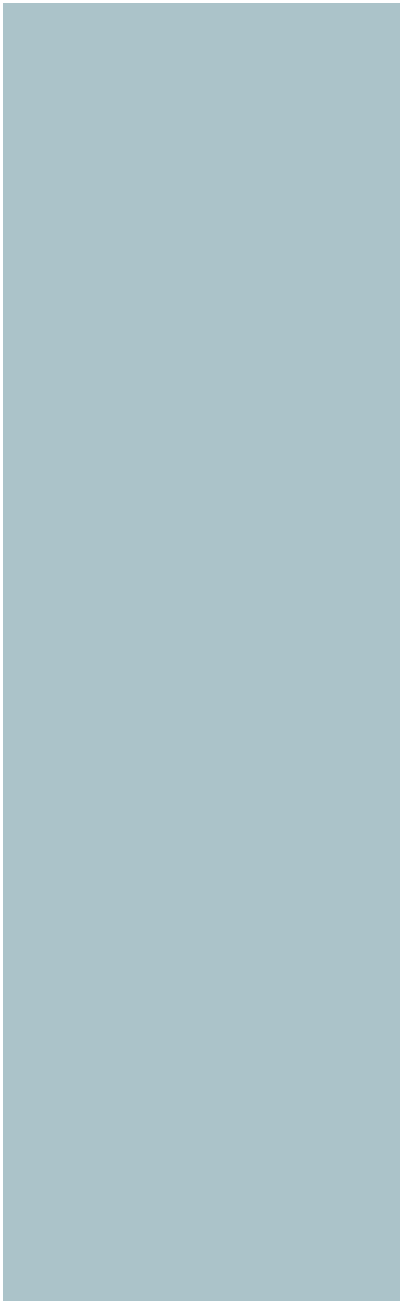


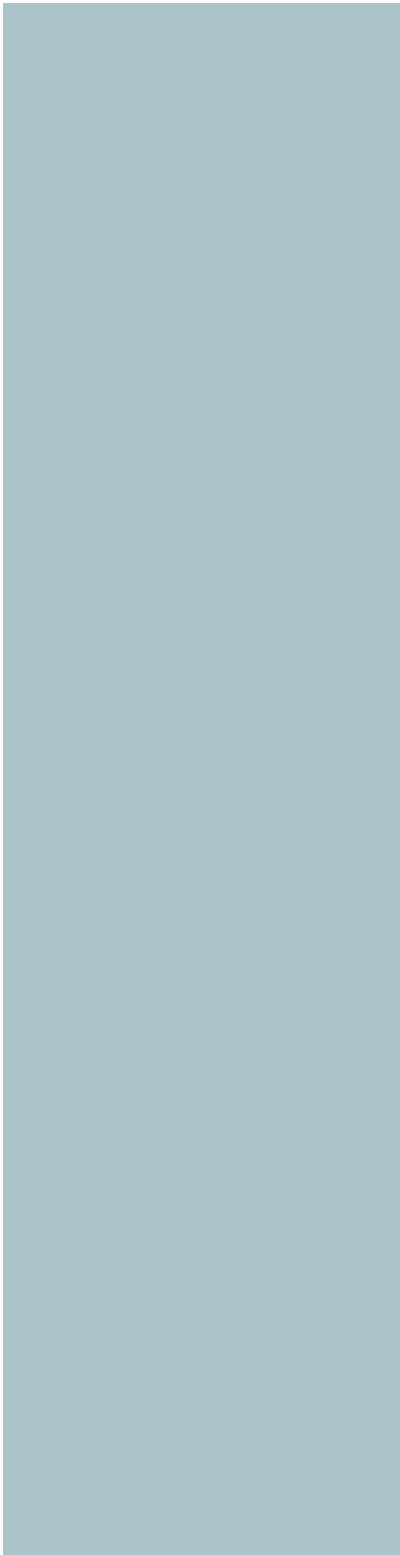
ue		Comm
Length lost	Units lost	Assessor comments
0.00	0.00	Native hedgerow with trees associated with bank or ditch located in two locations, across the northwest (H4) and southwest (H1) boundary of the site. Each has been condition assessed seperately as Moderate, as they achieve 6-8 critera in the conditions assessment. Site is within land designated as a Green Wedge, hence the strategic significance.
0.00	0.00	Native hedgerow with trees located across the eastern (H2) boundary of the site. Condition assessed as Moderate, as it achieves 6-8 critera in the conditions assessment. Site is within land designated as a Green Wedge, hence the strategic significance.

0.00	0.00	bank or ditch located across the northern boundary of the site. The hedgerow has a large width, almost reaching the northern extents of the two ponds. Condition has been assessed as Moderate, as the hedgerow achieves the following criteria in the conditions assessment: -average height of 6m along length -average width of 6m along length -gap between ground and base of canopy <0.5 m for >90% of length -gaps make up <10% of total length and · No canopy gaps >5 m -disturbed ground and perennial vegetation- >1 m width of disturbed ground with perennial herbaceous vegetation for >90% of length: measured from outer edge of hedgerow, and is present on at least one side of the hedge - plant species indicative of nutrient enrichment of soils dominate >20% cover of the area of undisturbed ground ->90% of the hedgerow and undisturbed ground is free of invasive non-native and neophyte species ->90% of the hedgerow or undisturbed ground is free of damage caused by human activities -at least one mature tree per 30m stretch of hedgerow. A Mature Tree is one that is at least 2/3 expected fully mature height for the species - at least 95% of hedgerow trees are in a healthy condition
0.00	0.00	



nents
Reviewer comments





Condense / Show

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B-2 Site Hedge Creation

Columns

Condense / Show Rows

Menu

Instructions

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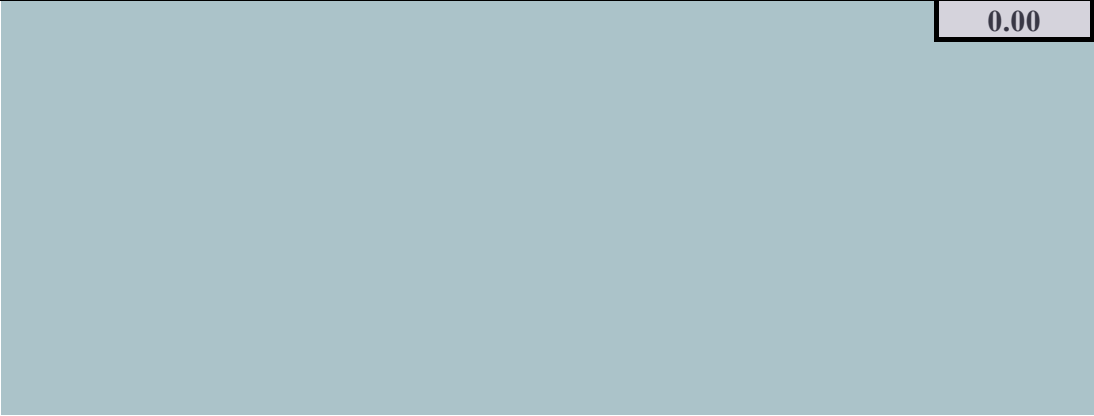
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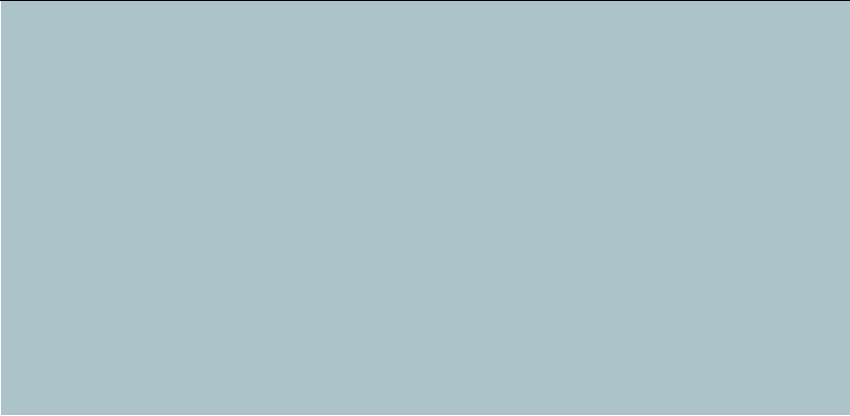
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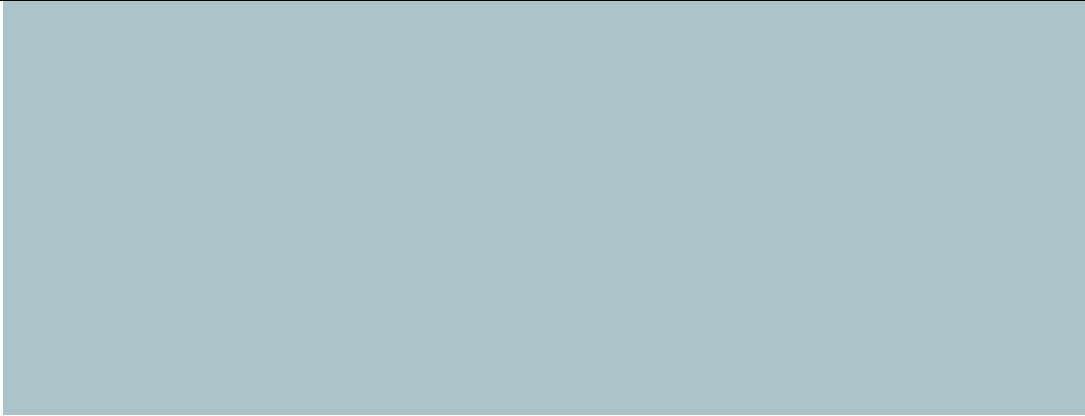
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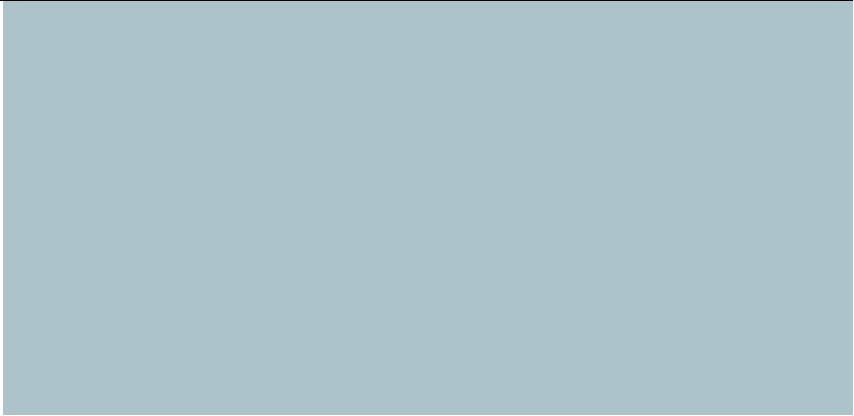
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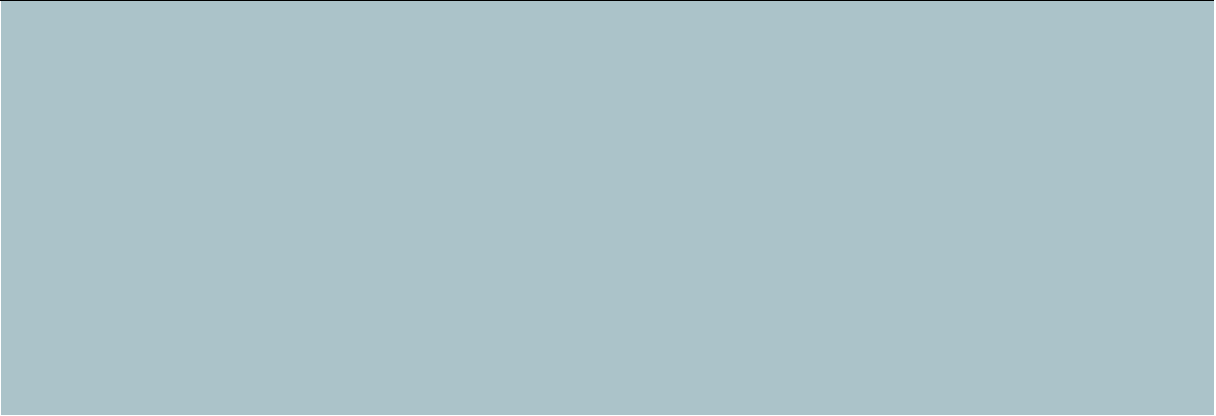
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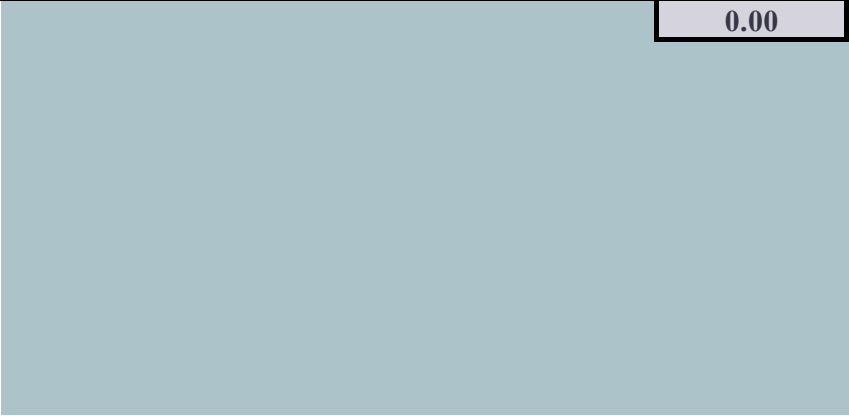
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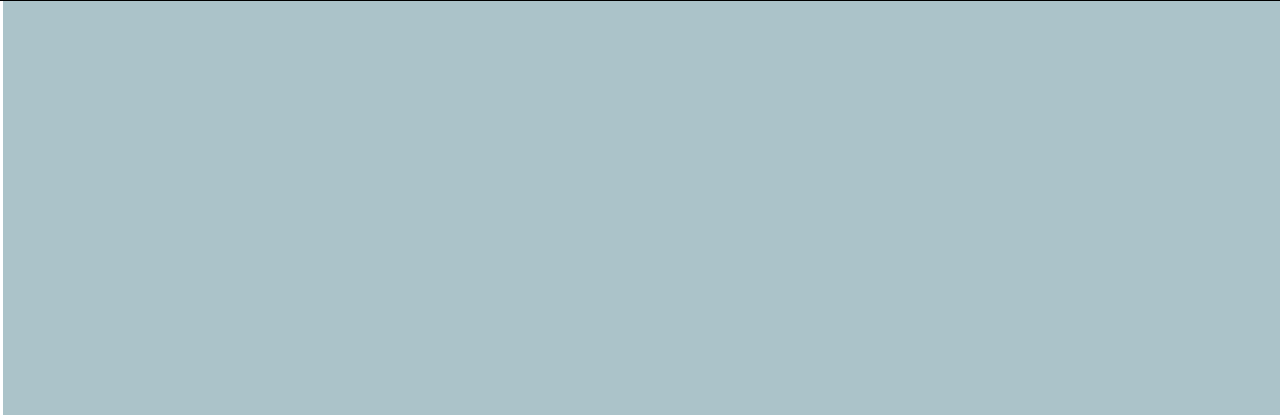
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C-1 Site River Baseline

[Condense / Show Columns](#)[Condense / Show Rows](#)[Main Menu](#)[Instructions](#)

Existing river type		
Baseline ref	River type	Length (km)
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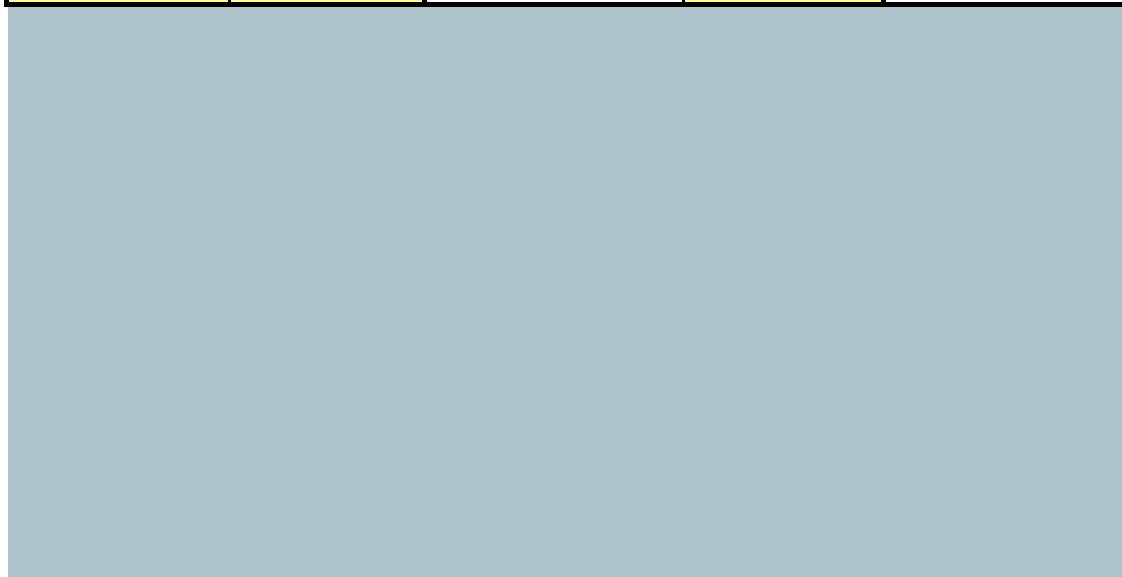
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Comments

Reviewer comments

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C-2 Site River Creation

Condense / Show Columns

Condense / Show Rows

Main Menu

Instructions

Baseline ref	Proposed habitats		Habitat distinctiveness
	River type	Length (km)	Distinctiveness
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Comments

Reviewer comments

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C-3 Site River Enhancement

Condense / Show Columns

Condense / Show Rows

Main Menu

Instructions

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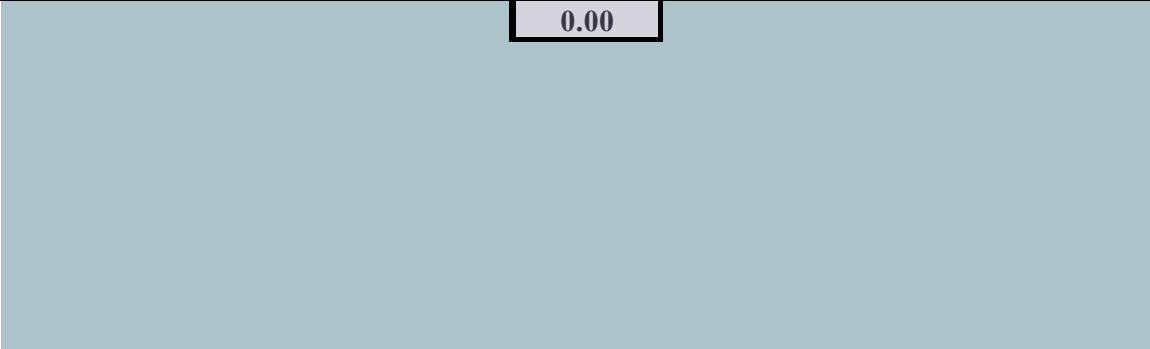
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