Appendix I – Ecological Monitoring Quadrat Data

Wild Atlantic Way Discovery Points Ecological Study of Visitor Movement Areas 2018

ENVIRONMENTAL SURVEYING AND MONITORING

FOR THE

WILD ATLANTIC WAY OPERATIONAL PROGRAMME

for: Fáilte Ireland

88-95 Amiens Street

Dublin 1



by: CAAS Ltd.

1st Floor,

24-26 Ormond Quay,

Dublin 7



November 2018

Old Head of Kinsale		Site & Quadrat Numb	er: OHK-Q1
Quadrat Description			
Carpark with refreshment facilities a	nd toilets.		
Quadrat Comments			
N/A			
Habitat Type			
BL3 Buildings and Artificial Surfaces			
Quadrat Type			
Core			
Quadrat Type Comment N/A			
Quadrat Number		Q1	
X Coordinate		562461	
Y Coordinate		541004	
Survey Date		18 th July 2018	
Surveyor		AT	
•			
Substrate		Compressed coble	
Stability		Solid	
Substrate Depth (cm)		-	
Slope Degrees		0	
Aspect		-	
Water Table Depth (cm)	Belov	v Surface	
Comments on Hydrology	-		
Quadrat Management	Carp	ark	
Adjacent Landuse	N/A		
Grazing Comments	N/A		
General Faunal Observations		N/A	
Structured Quadrat Cover Value	s (%)		
Total Vegetation Cover	-	Litter Cover	-
Tree Cover	-	Algae Cover	-
Shrub Cover	-	Rock Cover	-
Herb Grass Cover	-	Bare Peat/Soil Cover	-
Bryophyte Cover	-	Open Water Cover	-
Height of Vegetation (cm)	-	Height Shrub Layer (cm) -
Height Tree Layer (m)	-	Height Herb Layer (cm)	, -
Species Latin Name	Species E	nglish Name	Species cover (Domin
-		-	-

Old Head of Kinsale		Site & Quadrat Numb	er: OHK-Q2
Quadrat Description			
Grass verge, adjacent to the carpa	irk along the r	oadway.	
Quadrat Comments			
N/A			
Habitat Type			
GS2 Dry meadows and grassy verg	ges		
Quadrat Type			
Core			
Quadrat Type Comment N/A			
Quadrat Number		Q2	
- Canada Canada		4 -	
X Coordinate		562454	
Y Coordinate		540948	
Survey Date		18th July 2018	
Surveyor		AT	
Substrate		Soil	
Stability		Firm	
Substrate Depth (cm)		-	
Slope Degrees		10	
Aspect		Е	
Water Table Depth (cm)	Belov	w Surface	
Comments on Hydrology	-		
Quadrat Management	Carp	ark	
Adjacent Landuse	N/A		
Grazing Comments	ν/A		
General Faunal Observations	-		
Structured Quadrat Cover Valu	ıes (%)		
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	100	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	25	Height Shrub Layer (cm) 0
Height Tree Layer (m)	0	Height Herb Layer (cm)	25
Species Latin Name	Species E	nglish Name	Species cover (Domin)
Argentina anserina	Silverweed	_	7
Agrostis sp.	Bent grass		5
·			

Old Head of Kinsale Site & Quadrat Number: OHK-Q3

Quadrat Description

Grazing field in the centre of the peninsula ridge

Quadrat Comments

No grazing was occurring during the site visit but field signs indicated it was used for sheep grazing **Habitat Type**

GA1 Improved Agricultural Grasslands

Quadrat Type

Secondary

Quadrat Type Comment

N/A

Quadrat Number	Q3
X Coordinate	562436
Y Coordinate	540888
Survey Date	18 th July 2018
Surveyor	AT
Substrate	Soil
Stability	Firm
Substrate Depth (cm)	-
Slope Degrees	0
Aspect	
Water Table Depth (cm)	Below Surface

Comments on Hydrology	-	
Quadrat Management	Amenity	
Adjacent Landuse	Grazing	

Grazing Comments Sheep
General Faunal Observations -

Structured Quadrat Cover Values (%	p)	Structured Quadrat Cover Values (%)	
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	100	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	10	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	10

Species Latin Name	Species English Name	Species cover (Domin)
Lollium perenne	Perenneal ryegrass	10

Old head of Kinsale		Site & Quadrat Numb	er: OHK-Q4
Quadrat Description			
Corner area of field which is traver	sed by visitor	s to access the clifftop	
Quadrat Comments			
N/A			
Habitat Type			
GS1 Dry Calcareous and Neutral G	rasslands		
Quadrat Type			
Secondary			
Quadrat Type Comment N/A			
Quadrat Number		Q4	
X Coordinate		562333	
Y Coordinate		540945	
Survey Date		18 th July 2018	
Surveyor		AT	
Substrate		Soil	
Stability		Firm	
Substrate Depth (cm)		-	
Slope Degrees		0	
Aspect			
Water Table Depth (cm)	Belo	w Surface	
Comments on Hydrology	-		
Quadrat Management	Ame	enity	
Adjacent Landuse	Graz	ring	
Grazing Comments	Shee	ep	
General Faunal Observations	-		
Structured Quadrat Cover Valu	ıes (%)		
Total Vegetation Cover	80	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	80	Bare Peat/Soil Cover	20
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	15	Height Shrub Layer (cm)	
Height Tree Layer (m)	0	Height Herb Layer (cm)	15
Species Latin Name		nglish Name	Species cover (Domin)
Dactylis glomerata	Cocksfoot		6
Lollium perenne	Perennial		5
Lotus corniculatus	Birdsfoot t	rofoil	3

Old head of Kinsale		Site & Quadrat Numb	er: OHK-Q5
Quadrat Description			
Clifftop grassland, quadrat was i	recorded off the	pathway	
Quadrat Comments			
N/A			
Habitat Type			
GA2 Amenity Grasslands			
Quadrat Type			
Secondary			
Quadrat Type Comment			
N/A			
Quadrat Number		Q5	
X Coordinate		562269	
Y Coordinate		540890	
Survey Date		18th July 2018	
Surveyor		AT	
Substrate		Soil	
Stability		Firm	
Substrate Depth (cm)		-	
Slope Degrees		0	
Aspect		·	
Water Table Depth (cm)	Belov	w Surface	
Comments on Hydrology	-		
Quadrat Management	Ame	nity	
Adjacent Landuse	Graz	-	
Grazing Comments	Shee	_	
General Faunal Observations			
Structured Quadrat Cover Va	alues (%)		
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	100	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	10	Height Shrub Layer (cm)) 0
Height Tree Layer (m)	0	Height Herb Layer (cm)	10
Species Latin Name	Species E	nglish Name	Species cover (Domin
Dactylis glomerata	Cocksfoot		6
Lollium perenne	Perennial		5

Old head of Kinsale		Site & Quadrat Numl	er:	ОНК-Q6
Quadrat Description				
Close to the cliff edge along the cliff	top			
Quadrat Comments				
Clifftop, topography uneven				
Habitat Type				
GS1 Dry Calcareous and Neutral Gra	isslands			
Quadrat Type				
Secondary				
Quadrat Type Comment N/A				
Quadrat Number		Q6		
X Coordinate		562225		
Y Coordinate		540856		
Survey Date		18 th July 2018		
Surveyor		AT		
Substrate		Soil		
Stability		Firm		
Substrate Depth (cm)		-		
Slope Degrees		0		
Aspect				
Water Table Depth (cm)	Belov	v Surface		
Comments on Hydrology	-			
Quadrat Management	Ame	nity		
Adjacent Landuse	Grazi	ing		
Grazing Comments	Shee	p		
General Faunal Observations	-			
Church and Overduck Cover Velve	- (0/)	Characterized Overduct	<u> </u>	
Structured Quadrat Cover Value	S (%)	Structured Quadrat (Values (%)	Cover	
Total Vogotation Cover	100	Litter Cover		0
Total Vegetation Cover Tree Cover	0	Algae Cover		0
Shrub Cover	0	Rock Cover		0
Herb Grass Cover	100	Bare Peat/Soil Cover		0
Bryophyte Cover	0	Open Water Cover		0
	ŭ			-
Height of Vegetation (cm)	15	Height Shrub Layer (cm	1)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	-	15
Species Latin Name	Species E	nglish Name	Specie	es cover (Domin)
Armeria maritima	Sea pink		4	
Lotus corniculatus	Birdsfoot T	refoil	3	
Agrostis sp.	Bent grass		4	
F	_		_	

Fescue

Festuca sp.

6

Old Head of Kinsale Site & Quadrat Number: OHK-Q7

Quadrat Description

Clifftop viewing area along the walkway

Quadrat Comments

Evidence of erosion is present, due to vantage point view receiving a high density of visitor movement

Habitat Type

GS1 Dry Calcareous and Neutral Grasslands

Quadrat Type

Secondary

Quadrat Type Comment

Grazing Comments

General Faunal Observations

N/A

Quadrat Number	Q7	
X Coordinate	562165	
Y Coordinate	540881	
Survey Date	18 th July 2018	
Surveyor	AT	
Substrate	Soil	
Stability	Firm	
Substrate Depth (cm)	-	
Slope Degrees	0	
Aspect		
Water Table Depth (cm)	Below Surface	
Comments on Hydrology	-	
Quadrat Management	Amenity	
Adjacent Landuse	Grazing	

Structured Quadrat Cover Values (%)		Structured Quadrat Cover Values (%)		
Total Vegetation Cover	70	Litter Cover	0	
Tree Cover	0	Algae Cover	0	
Shrub Cover	0	Rock Cover	0	
Herb Grass Cover	70	Bare Peat/Soil Cover	30	
Bryophyte Cover	0	Open Water Cover	0	
Height of Vegetation (cm)	10	Height Shrub Layer (cm)	0	
Height Tree Layer (m)	0	Height Herb Layer (cm)	10	

Sheep

Species English Name	Species cover (Domin)
Sea pink	5
Birdsfoot Trefoil	3
Bent grass	3
Fescue	5
	Sea pink Birdsfoot Trefoil Bent grass

Old Head of Kinsale Site & Quadrat Number: OHK-Q8

Quadrat Description

Quadrat on the edge of the visitor movement zones where the majority of effects are concentrated **Quadrat Comments**

N/A

Habitat Type

GS1 Dry Calcareous and Neutral Grasslands

Quadrat Type

Secondary

Quadrat Type Comment

N/A

Quadrat Number	Q8	
X Coordinate	562170	
Y Coordinate	540914	
Survey Date	18 th July 2018	
Surveyor	At	
Substrate	Soil	
Stability	Firm	
Substrate Depth (cm)	-	
Slope Degrees	0	
Aspect		

Water Table Depth (cm)	Below Surface
Comments on Hydrology	-

Quadrat ManagementAmenityAdjacent LanduseGrazingGrazing CommentsSheepGeneral Faunal Observations-

Structured Quadrat Cover Values (%)		Structured Quadrat Cover Values (%)	
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	100	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	10	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	10

Species Latin Name	Species English Name	Species cover (Domin)
Armeria maritima	Sea pink	2
Lotus corniculatus	Birdsfoot Trefoil	2
Agrostis sp.	Bent grass	4
Festuca sp.	Fescue	7

Quadrat Description

Quadrat on the edge of the visitor movement zones where the majority of effects are concentrated **Quadrat Comments**

Vantage point with high concentrations of visitor use, therefore there is some soil compaction present **Habitat Type**

GS1 Dry Calcareous and Neutral Grasslands

Quadrat Type

Secondary

Tree Cover

Shrub Cover

Herb Grass Cover

Bryophyte Cover

Height of Vegetation (cm)

Height Tree Layer (m)

Quadrat Type Comment

N/A

Quadrat Number	Q9	
X Coordinate	562142	
Y Coordinate	540943	
Survey Date	18 th July 2018	
Surveyor	AT	
Substrate	Soil	
Stability	Firm	
Substrate Depth (cm)	-	
Slope Degrees	0	
Aspect		
Water Table Depth (cm)	Below Surface	
Comments on Hydrology	-	
Quadrat Management	Amenity	
Adjacent Landuse	Grazing	
Grazing Comments	Sheep	
General Faunal Observations	-	
Structured Quadrat Cover Values	(%)	
Total Vegetation Cover	100 Litter Cover	0

Species Latin Name	Species English Name	Species cover (Domin)
Armeria maritima	Sea pink	6
Lotus corniculatus	Birdsfoot Trefoil	2
Agrostis sp.	Bent grass	4
Festuca sp.	Fescue	5

Algae Cover

Rock Cover

Bare Peat/Soil Cover

Height Shrub Layer (cm)

Height Herb Layer (cm)

Open Water Cover

0

0

0

0

0 20

0

0

20

0

100

Old head of Kinsale	Site & Quadrat Number:	OHK-Q10

Quadrat Description

Area beyond the visitor movement patterns observed to assess the broader habitat condition **Quadrat Comments**

N/A

Habitat Type

GS1 Dry Calcareous and Neutral Grasslands

Quadrat Type

Tertiary

Quadrat Type Comment

N/A

Quadrat Number	Q10	
X Coordinate	562143	
Y Coordinate	540982	
Survey Date	18 th July 2018	
Surveyor	AT	
Substrate	Soil	
Stability	Firm	
Substrate Depth (cm)	-	
Slope Degrees	0	
Aspect		
Water Table Depth (cm)	Below Surface	
Comments on Hydrology	-	

Quadrat Management	Amenity
Adjacent Landuse	Grazing
Grazing Comments	Sheep
General Faunal Observations	-

Structured Quadrat Cover Values (%)
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Total Vegetation Cover Tree Cover Shrub Cover Herb Grass Cover Bryophyte Cover	100 0 0 100 0	Litter Cover Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover	0 0 0 0
Height of Vegetation (cm)	20	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	20

Species Latin Name	Species English Name	Species cover (Domin)
Armeria maritima	Sea pink	6
Lotus corniculatus	Birdsfoot Trefoil	2
Agrostis sp.	Bent grass	4
Festuca sp.	Fescue	5

Dursey Sound		Site & Quadrat Numb	oer: DS-Q1
Quadrat Description			
Viewing area in front of the carpark	(
Quadrat Comments			
N/A			
Habitat Type			
GS3 Dry-humid acid grassland			
Quadrat Type			
Core			
Quadrat Type Comment			
N/A			
Quadrat Number		Q1	
X Coordinate		450762	
Y Coordinate		541908	
Survey Date		11 th July 2018	
Surveyor		AT	
Substrate		Soil	
Stability		Firm	
Substrate Depth (cm)		5cm	
Slope Degrees		5	
Aspect		SW	
Water Table Depth (cm)	Belov	w the surface	
Comments on Hydrology	None	2	
Quadrat Management	None	1	
Adjacent Landuse	Visito	or Use and Grazing	
Grazing Comments		p comanage	
General Faunal Observations			
None			
Structured Quadrat Cover Valu			•
Total Vegetation Cover		Litter Cover	0
Tree Cover	0	Algae Cover Rock Cover	0
Shrub Cover Herb Grass Cover	0 100	Bare Peat/Soil Cover	0 0
Bryophyte Cover	0	Open Water Cover	0
bryophyte cover	O	open water cover	O
Height of Vegetation (cm)	<5	Height Shrub Layer (cm	
Height Tree Layer (m)	-	Height Herb Layer (cm)	5
Species Latin Name	Species E	nglish Name	Species cover (Domin
Agrostis stolonifera	Creeping B		6
Anthoxanthum odoratum	Sweet Vern		5
Cerastium fontanum	Common M		2
Festuca ovina	Sheep's-fes	scue	6

Dursey Sound		Site & Quadrat Numl	ber: DS-Q2
Quadrat Description			
Area in front of the carpark with a	gentle slope		
Quadrat Comments			
N/A			
Habitat Type			
GS3 Dry-humid acid grassland			
Quadrat Type			
Secondary			
Quadrat Type Comment			
N/A			
Quadrat Number		Q2	
X Coordinate		450736	
Y Coordinate		541914	
Survey Date		11 th July 2018	
Surveyor		AT	
		7.11	
Substrate		Soil	
Stability		Firm	
Substrate Depth (cm)		5cm	
Slope Degrees		5	
Aspect		SW	
Water Table Depth (cm)	Belov	v the surface	
Comments on Hydrology	None	:	
Quadrat Management	None	<u> </u>	
Adjacent Landuse	Visito	or Use and Grazing	
Grazing Comments	Shee	p comanage	
General Faunal Observations None			
Structured Quadrat Cover Valu	es (%)		
Total Vegetation Cover	95	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	95	Bare Peat/Soil Cover	5
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	<5	Height Shrub Layer (cm	1) -
Height Tree Layer (m)	-	Height Herb Layer (cm)	
Species Latin Name	Species E	nglish Name	Species cover (Domin)
Agrostis stolonifera	Creeping B		5
Cerastium fontanum	Common M		2
Festuca ovina	Sheep's-fes		6
		al-grass	5

Dursey Sound		Site & Quadrat Numb	oer: DS-Q3
Quadrat Description Pinch point between the carpark stile to navigate the site fencing Quadrat Comments			
Planks of wood have been laid i terrain	n the mud to	provide support for visito	rs to traverse the trampl
Habitat Type ED2 Spoil and bare Ground Quadrat Type			
Core Quadrat Type Comment N/A			
Quadrat Number		Q3	
X Coordinate		450722	
Y Coordinate		541936	
Survey Date		11 th July 2018	
Surveyor		AT	
Substrate		Soil	
Stability		Trampled/Sludge	
Substrate Depth (cm)			
Slope Degrees		5	
Aspect		W	
Water Table Depth (cm)		w the surface	
Comments on Hydrology	Non	e	
Quadrat Management		oden planks laid down as a	n pathway
Adjacent Landuse		rist use and grazing	
Grazing Comments	Sne	ep grazed comanage	
General Faunal Observations None			
Structured Quadrat Cover Va	lues (%)		
Total Vegetation Cover	0	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	0	Bare Peat/Soil Cover	100
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	-	Height Shrub Layer (cm	
Height Tree Layer (m)	-	Height Herb Layer (cm)	-
Species Latin Name	Species E	inglish Name	Species cover (Domin

Dursey Sound Site & Quadrat Number: DS-Q4

Quadrat Description

Open grassland along the beginning of the trails/walkways around the site

Quadrat Comments

N/A

Habitat Type

GS3 Dry-humid acid grassland

Quadrat Type

Secondary

Quadrat Type Comment

N/A

Quadrat Number	Q4
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X Coordinate 450703
Y Coordinate 541970
Survey Date 11th July 2018

Surveyor AT

SubstrateMineral SoilStabilityFirm

Substrate Depth (cm)

Slope Degrees 5
Aspect W

Water Table Depth (cm) Below the surface

Comments on HydrologyNoneQuadrat ManagementGrazing

Adjacent LanduseTourist use and grazingGrazing CommentsSheep grazing comanage

General Faunal Observations

None

Structured Quadrat Cover Values (%)					
Total Vegetation Cover	100	Litter Cover	0		
Tree Cover	0	Algae Cover	0		
Shrub Cover	0	Rock Cover	0		
Herb Grass Cover	100	Bare Peat/Soil Cover	0		
Bryophyte Cover	0	Open Water Cover	0		
Height of Vegetation (cm)	40	Height Shrub Layer (cm)	-		
Height Tree Layer (m)	-	Height Herb Layer (cm)	10-40		

Species Latin Name	Species English Name	Species cover (Domin)
Erica tetralix	Cross-leaved Heath	3
Cynosurus cristatus	Crested Dog's-tail	5
Festuca rubra	Red Fescue	6
Holcus lanatus	Yorkshire-fog	5
Plantago lanceolata	Ribwort Plantain	3
Potentilla erecta	Tormentil	3
Prunella vulgaris	Selfheal	2
Ranunculus repens	Creeping Buttercup	3
Hypochaeris radicata	Cat's-ear	3
Lolium perenne	Perenneal Rye-grass	4
Luzula multiflora	Heath Wood-rush	2

Dursey Sound Site & Quadrat Number: DS-Q5 **Quadrat Description** Mosaic of grassland and heath in small patches **Quadrat Comments** Some soil compaction from visitor movements and evidence of grazing pressure **Habitat Type** HH1 Dry siliceous heath **Quadrat Type** Secondary **Quadrat Type Comment** N/A **Quadrat Number** Q5 **X** Coordinate 450737 Y Coordinate 541999 11th July 2018 **Survey Date** Surveyor AΤ **Substrate** Peat **Stability** Firm **Substrate Depth (cm) Slope Degrees** 0 Aspect Water Table Depth (cm) Below the surface **Comments on Hydrology** None Sheep Grazing **Quadrat Management Adjacent Landuse** Tourist Use and Grazing **Grazing Comments** Sheep grazing comanage **General Faunal Observations** None Structured Quadrat Cover Values (%) **Total Vegetation Cover** 100 Litter Cover 40 Tree Cover Algae Cover 0 0 Shrub Cover 80 **Rock Cover** 0 Herb Grass Cover 30 Bare Peat/Soil Cover 0 <5 0 Bryophyte Cover Open Water Cover Height of Vegetation (cm) 20 Height Shrub Layer (cm) 20 20 Height Tree Layer (m) Height Herb Layer (cm)

Species Latin Name	Species English Name	Species cover (Domin)
Danthonia decumbens	Heath-grass	3
Erica tetralix	Cross-leaved Heath	4
Festuca ovina	Sheep's-fescue	4
Hypnum jutlandicum	Moss	3
Molinia caerulea	Purple Moor-grass	5
Potentilla erecta	Tormentil	3
Agrostis sp.	Bent	3
Calluna vulgaris	Ling Heather	3
Carex panicea	Carnation Sedge	5
Carex sp.	Sedge	3

Appendix I – Ecological Monitoring Quadrat Data for the Ecological Study of Visitor Movement Areas 2018 Environmental Surveying and Monitoring for the Wild Atlantic Way Operational Programme

Dursey Sound Site & Quadrat Number: DS-Q6	Dursey Sound	Site & Quadrat Number:	DS-Q6	
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Quadrat Description

Along the walking trail to the north of the site with less movement than the immediate vicinity of the discovery point

Quadrat Comments

N/A

Habitat Type

HH1 Dry siliceous heath

Quadrat Type

Herb Grass Cover

Bryophyte Cover

Height of Vegetation (cm)

Height Tree Layer (m)

Secondary

Quadrat Type Comment

N/A

,			
Quadrat Number		Q6	
X Coordinate		450742	
Y Coordinate		542038	
Survey Date		11 th July 2018	
Surveyor		AT	
Substrate		Peat	
Stability		Frim	
Substrate Depth (cm)			
Slope Degrees		10	
Aspect		W	
Water Table Depth (cm)	Belov	w surface	
Comments on Hydrology	No s	urface water features r	nearby
Quadrat Management	Graz	ing	
Adjacent Landuse	Tour	ist use and grazing	
Grazing Comments	Shee	p comanage	
General Faunal Observations			
none			
Structured Quadrat Cover Values ((%)		
Total Vegetation Cover	100	Litter Cover	20
Tree Cover	0	Algae Cover	0
Shrub Cover	20	Rock Cover	0

Species Latin Name	Species English Name	Species cover (Domin)
Agrostis sp.	Bent	5
Anagallis tenella	Bog Pimpernel	2
Calluna vulgaris	Heather	7
Carex panicea	Carnation Sedge	6
Erica cinerea	Bell Heather	6
Festuca ovina	Sheep's-fescue	7
Hypnum jutlandicum	Moss	3
Luzula multiflora	Heath Wood-rush	3
Plantago maritima	Sea Plantain	5

60

<5

20

Bare Peat/Soil Cover

Height Shrub Layer (cm)

Height Herb Layer (cm)

Open Water Cover

0

0

20

20

Dursey Sound		Site & Quadrat Numl	er:	DS-Q7
Quadrat Description Area behind the discovery point on a Quadrat Comments	raised hill			
_				
N/A				
Habitat Type				
GS3 Dry-humid acid grassland Quadrat Type				
Tertiary				
Quadrat Type Comment				
N/A				
Quadrat Number		Q7		
V.Coordinate		450707		
X Coordinate		450797		
Y Coordinate		542014		
Survey Date		11 th July 2018		
Surveyor		AT		
Substrate		Soil		
Stability		Quite firm		
Substrate Depth (cm)		-		
Slope Degrees		15		
Aspect		west		
Water Table Depth (cm)	Belov	v surface		
Comments on Hydrology		urface water features nea	rby	
Quadrat Management		monage – Sheep Grazing		
Adjacent Landuse Grazing Comments		monage – Sheep Grazing levels of grazing		
General Faunal Observations	LOW	levels of grazing		
none				
Structured Quadrat Cover Values	s (%)			
Total Vegetation Cover	100	Litter Cover		10
Tree Cover	0	Algae Cover		0
Shrub Cover	0	Rock Cover		0
Herb Grass Cover	100	Bare Peat/Soil Cover		0
Bryophyte Cover	12	Open Water Cover		0
Height of Vegetation (cm)	10	Height Shrub Layer (cm	1)	_
Height Tree Layer (m)	-	Height Herb Layer (cm)		5-10
	<u> </u>	1. 1 at	•	(5 :)
Species Latin Name		nglish Name		es cover (Domin)
Agrostis stolonifera Anthoxanthum odoratum	Creeping Be Sweet Vern		<u>5</u> 5	
Cerastium fontanum	Common M		2	
Festuca ovina	Sheep's-fes		6	
Holcus lanatus	Yorkshire-fo		3	
Juncus articulatus	Jointed Rus		6	
Luzula multiflora	Heath Woo		3	
Potentilla erecta	Tormentil	u 10311	3	
	Springy Tur	f-Moss	5	
Trifolium repens	White Clove		5	
Hypochaeris radicata	Cat's-ear	<u>51</u>	2	
пуриспаснь гашсаса	Car 2-cai		_	

Appendix I – Ecological Monitoring Quadrat Data for the Ecological Study of Visitor Movement Areas 2018 Environmental Surveying and Monitoring for the Wild Atlantic Way Operational Programme

Dursey Sound		Site & Quadrat Numl	ber:	DS-Q8
Quadrat Description				
Area behind the discovery point on a	raised hill			
Quadrat Comments				
N/A				
Habitat Type				
GS3 Dry-humid acid grassland				
Quadrat Type				
Tertiary				
Quadrat Type Comment N/A				
N/A				
Quadrat Number		Q8		
X Coordinate		450796		
Y Coordinate		541994		
Survey Date		11 th July 2018		
Surveyor		AT		
-				
Substrate		Soil		
Stability		Quite firm		
Substrate Depth (cm)				
Slope Degrees		15		
Aspect		South		
Water Table Depth (cm)	Belov	v surface		
Comments on Hydrology	No su	urface water features nea	ırby	
Quadrat Management	Comi	monage – Sheen Grazing		
Quadrat Management		monage – Sheep Grazing monage – Sheep Grazing		
Adjacent Landuse	Com	monage – Sheep Grazing		
Adjacent Landuse Grazing Comments	Com			
Adjacent Landuse	Com	monage – Sheep Grazing		
Adjacent Landuse Grazing Comments General Faunal Observations	Comi Low	monage – Sheep Grazing		
Adjacent Landuse Grazing Comments General Faunal Observations none	Comi Low	monage – Sheep Grazing		10
Adjacent Landuse Grazing Comments General Faunal Observations none Structured Quadrat Cover Values	Comi Low	monage – Sheep Grazing levels of grazing Litter Cover Algae Cover		10 0
Adjacent Landuse Grazing Comments General Faunal Observations none Structured Quadrat Cover Values Total Vegetation Cover Tree Cover Shrub Cover	Comi Low 1 5 (%) 100 0 0	monage – Sheep Grazing levels of grazing Litter Cover Algae Cover Rock Cover		
Adjacent Landuse Grazing Comments General Faunal Observations none Structured Quadrat Cover Values Total Vegetation Cover Tree Cover Shrub Cover Herb Grass Cover	Comi Low 1 5 (%) 100 0 0 100	nonage – Sheep Grazing levels of grazing Litter Cover Algae Cover Rock Cover Bare Peat/Soil Cover		0
Adjacent Landuse Grazing Comments General Faunal Observations none Structured Quadrat Cover Values Total Vegetation Cover Tree Cover Shrub Cover	Comi Low 1 5 (%) 100 0 0	monage – Sheep Grazing levels of grazing Litter Cover Algae Cover Rock Cover		0
Adjacent Landuse Grazing Comments General Faunal Observations none Structured Quadrat Cover Values Total Vegetation Cover Tree Cover Shrub Cover Herb Grass Cover Bryophyte Cover	Comr Low 1 5 (%) 100 0 0 100 12	nonage – Sheep Grazing levels of grazing Litter Cover Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover		0 0 0
Adjacent Landuse Grazing Comments General Faunal Observations none Structured Quadrat Cover Values Total Vegetation Cover Tree Cover Shrub Cover Herb Grass Cover Bryophyte Cover Height of Vegetation (cm)	Comi Low 1 5 (%) 100 0 0 100	Litter Cover Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover Height Shrub Layer (cm	n)	0 0 0 0
Adjacent Landuse Grazing Comments General Faunal Observations none Structured Quadrat Cover Values Total Vegetation Cover Tree Cover Shrub Cover Herb Grass Cover Bryophyte Cover Height of Vegetation (cm) Height Tree Layer (m)	Comi Low 1 5 (%) 100 0 100 12	Litter Cover Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover Height Shrub Layer (cm)	n)	0 0 0
Adjacent Landuse Grazing Comments General Faunal Observations none Structured Quadrat Cover Values Total Vegetation Cover Tree Cover Shrub Cover Herb Grass Cover Bryophyte Cover Height of Vegetation (cm) Height Tree Layer (m) Species Latin Name	Comi Low 100 0 0 100 12 15 -	Litter Cover Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover Height Shrub Layer (cm) Height Herb Layer (cm)	Speci	0 0 0 0
Adjacent Landuse Grazing Comments General Faunal Observations none Structured Quadrat Cover Values Total Vegetation Cover Tree Cover Shrub Cover Herb Grass Cover Bryophyte Cover Height of Vegetation (cm) Height Tree Layer (m) Species Latin Name Agrostis stolonifera	Comi Low 100 0 0 100 12 15 - Species Ei	Litter Cover Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover Height Shrub Layer (cm) Height Herb Layer (cm)	Speci 5	0 0 0 0
Adjacent Landuse Grazing Comments General Faunal Observations none Structured Quadrat Cover Values Total Vegetation Cover Tree Cover Shrub Cover Herb Grass Cover Bryophyte Cover Height of Vegetation (cm) Height Tree Layer (m) Species Latin Name Agrostis stolonifera Anthoxanthum odoratum	Comi Low 100 0 0 100 12 15 - Species Ei Creeping Be	Litter Cover Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover Height Shrub Layer (cm Height Herb Layer (cm)	Speci 5 5	0 0 0 0
Adjacent Landuse Grazing Comments General Faunal Observations none Structured Quadrat Cover Values Total Vegetation Cover Tree Cover Shrub Cover Herb Grass Cover Bryophyte Cover Height of Vegetation (cm) Height Tree Layer (m) Species Latin Name Agrostis stolonifera Anthoxanthum odoratum Cerastium fontanum	Comi Low 100 0 0 100 12 15 - Species Ei Creeping Be Sweet Vern Common M	Litter Cover Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover Height Shrub Layer (cm Height Herb Layer (cm) nglish Name ent al-grass ouse-ear	Speci 5 5 2	0 0 0 0
Adjacent Landuse Grazing Comments General Faunal Observations none Structured Quadrat Cover Values Total Vegetation Cover Tree Cover Shrub Cover Herb Grass Cover Bryophyte Cover Height of Vegetation (cm) Height Tree Layer (m) Species Latin Name Agrostis stolonifera Anthoxanthum odoratum Cerastium fontanum Festuca ovina	Comi Low 100 0 0 100 12 15 - Species Ei Creeping Bo Sweet Vern Common M Sheep's-fes	Litter Cover Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover Height Shrub Layer (cm Height Herb Layer (cm)	5 5 2 6	0 0 0 0
Adjacent Landuse Grazing Comments General Faunal Observations none Structured Quadrat Cover Values Total Vegetation Cover Tree Cover Shrub Cover Herb Grass Cover Bryophyte Cover Height of Vegetation (cm) Height Tree Layer (m) Species Latin Name Agrostis stolonifera Anthoxanthum odoratum Cerastium fontanum Festuca ovina Holcus lanatus	Comi Low 100 0 0 100 12 15 - Species Ei Creeping Bo Sweet Vern Common M Sheep's-fee Yorkshire-fo	Litter Cover Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover Height Shrub Layer (cm Height Herb Layer (cm)	Speci 5 5 2 6 3	0 0 0 0
Adjacent Landuse Grazing Comments General Faunal Observations none Structured Quadrat Cover Values Total Vegetation Cover Tree Cover Shrub Cover Herb Grass Cover Bryophyte Cover Height of Vegetation (cm) Height Tree Layer (m) Species Latin Name Agrostis stolonifera Anthoxanthum odoratum Cerastium fontanum Festuca ovina Holcus lanatus Hypochaeris radicata	Comi Low 100 0 0 0 100 12 15 - Species Ei Creeping Be Sweet Vern Common M Sheep's-fes Yorkshire-fe Cat's-ear	Litter Cover Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover Height Shrub Layer (cm Height Herb Layer (cm) nglish Name ent al-grass ouse-ear scue	Speci 5 5 2 6 3 2	0 0 0 0
Adjacent Landuse Grazing Comments General Faunal Observations none Structured Quadrat Cover Values Total Vegetation Cover Tree Cover Shrub Cover Herb Grass Cover Bryophyte Cover Height of Vegetation (cm) Height Tree Layer (m) Species Latin Name Agrostis stolonifera Anthoxanthum odoratum Cerastium fontanum Festuca ovina Holcus lanatus Hypochaeris radicata Juncus articulatus	Comic Low 100 100 0 100 12 15 - Species Electronic Common M Sheep's-fest Yorkshire-fe Cat's-ear Jointed Russ	Litter Cover Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover Height Shrub Layer (cm Height Herb Layer (cm) nglish Name ent al-grass louse-ear scue	Speci 5 5 2 6 3 2	0 0 0 0
Adjacent Landuse Grazing Comments General Faunal Observations none Structured Quadrat Cover Values Total Vegetation Cover Tree Cover Shrub Cover Herb Grass Cover Bryophyte Cover Height of Vegetation (cm) Height Tree Layer (m) Species Latin Name Agrostis stolonifera Anthoxanthum odoratum Cerastium fontanum Festuca ovina Holcus lanatus Hypochaeris radicata Juncus articulatus Luzula multiflora	Comi Low 100 0 0 100 12 15 - Species Ei Creeping Be Sweet Vern Common M Sheep's-fes Yorkshire-fe Cat's-ear Jointed Rus Heath Woo	Litter Cover Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover Height Shrub Layer (cm Height Herb Layer (cm) nglish Name ent al-grass louse-ear scue	Speci 5 5 2 6 3 2 5 3	0 0 0 0
Adjacent Landuse Grazing Comments General Faunal Observations none Structured Quadrat Cover Values Total Vegetation Cover Tree Cover Shrub Cover Herb Grass Cover Bryophyte Cover Height of Vegetation (cm) Height Tree Layer (m) Species Latin Name Agrostis stolonifera Anthoxanthum odoratum Cerastium fontanum Festuca ovina Holcus lanatus Hypochaeris radicata Juncus articulatus Luzula multiflora Potentilla erecta	Comic Low 100 100 0 100 12 15 - Species Electronic Common M Sheep's-fest Yorkshire-fe Cat's-ear Jointed Russ	Litter Cover Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover Height Shrub Layer (cm) Height Herb Layer (cm) nglish Name ent al-grass louse-ear scue og	Speci 5 5 2 6 3 2	0 0 0 0

Appendix I – Ecological Monitoring Quadrat Data for the Ecological Study of Visitor Movement Areas 2018 Environmental Surveying and Monitoring for the Wild Atlantic Way Operational Programme

Dursey Sound		Site & Quadrat Numb	er:	DS-Q9
Quadrat Description				
Upper carpark and cable car static	on			
Quadrat Comments		P. J. J. J. J.		
Construction material is stored her	re, and on the	e surrounding nabitat areas	s with (debris piles
Habitat Type BL3 Buildings and artificial surface				
Quadrat Type	:5			
Core				
Quadrat Type Comment				
N/A				
Quadrat Number		Q9		
X Coordinate		450778		
Y Coordinate		541969		
Survey Date		11 th July 2018		
Surveyor		AT		
Substrate		Gravel		
Stability		Solid		
Substrate Depth (cm)		0		
Slope Degrees		0		
Aspect		N/A		
Water Table Depth (cm)		Surface		
Comments on Hydrology	Non	e		
Quadrat Management		oark Facility		
Adjacent Landuse		nsit to Dursey Island or a	amenit	y walking/hiking &
		zing by sheep		
Grazing Comments	Low	levels of sheep grazing ob	servec	
General Faunal Observations None				
Structured Quadrat Cover Val	ues (%)			
Total Vegetation Cover	0	Litter Cover		0
Tree Cover	0	Algae Cover		0
Shrub Cover	0	Rock Cover		100
Herb Grass Cover	0	Bare Peat/Soil Cover		0
Bryophyte Cover	0	Open Water Cover		0
Height of Vegetation (cm)	0	Height Shrub Layer (cm))	0
Height Tree Layer (m)	0	Height Herb Layer (cm)		0
Species Latin Name	Species I	inglish Name	Speci	es cover (Domin)
<u>-</u>	-		-	

Dursey Sound		Site & Quadrat Numb	per: DS-Q10	
Quadrat Description				
Area before the discovery point alo Quadrat Comments	ng road side	bank		
Steep slope				
Habitat Type				
GS3 Dry-humid acid grassland				
Quadrat Type				
Tertiary				
Quadrat Type Comment				
N/A				
Quadrat Number		Q10		
X Coordinate		450820		
Y Coordinate		541923		
Survey Date		11 th July 2018		
Surveyor		AT		
Substrate		Soil		
Stability		Quite firm		
Substrate Depth (cm)		•		
Slope Degrees		15		
Aspect		west		
Water Table Depth (cm)	Polo	v surface		
Comments on Hydrology		urface water features nea	rhy	
comments on right ology	110 30	arrace water reatures nea	iby	
Quadrat Management	Comi	monage – Sheep Grazing		
Adjacent Landuse		monage – Sheep Grazing		
Grazing Comments	Low	levels of grazing		
General Faunal Observations				
none Structured Quadrat Cover Value	es (%)			
Total Vegetation Cover	100	Litter Cover	0	
Tree Cover	0	Algae Cover	0	
Shrub Cover	0	Rock Cover	0	
Herb Grass Cover	100	Bare Peat/Soil Cover	0	
Bryophyte Cover	0	Open Water Cover	0	
Height of Vegetation (cm)	10	Height Shrub Layer (cm) -	
Height Tree Layer (m)	-	Height Herb Layer (cm)	•	
Height free Edycr (m)		rieight rieib Layer (em)	3 10	
Species Latin Name		nglish Name	Species cover (Do	min)
Agrostis stolonifera	Creeping B		/	
Anthoxanthum odoratum	Sweet Vern		4	
Cerastium fontanum	Common M		2	
Festuca ovina	Sheep's-fes		7	
	Varkchira f	pa	3	
Holcus lanatus	Yorkshire-f	- J		
	Cat's-ear	- <u>J</u>	2	

Bray Head		Site & Quadrat Num	ber: BH-Q1	
Quadrat Description				
Grassy clifftop between the carpark	and the cliff	edge		
Quadrat Comments				
N/A				
Habitat Type				
GA2 Amenity grassland (improved)				
Quadrat Type				
Secondary				
Quadrat Type Comment				
N/A				
Quadrat Number		Q1		
X Coordinate		435070		
Y Coordinate		573798		
Survey Date		12 th July 2018		
Surveyor		AT		
Substrate		Soil		
Stability		Firm		
Substrate Depth (cm)				
Slope Degrees		N/A		
Aspect		N/A		
Water Table Depth (cm)	Belov	w Surface		
Comments on Hydrology	N/A			
Quadrat Management	Carp	ark edge		
Adjacent Landuse		ing Sheep		
Grazing Comments		present on site		
General Faunal Observations	N/A			
Structured Quadrat Cover Valu	es (%)			
Total Vegetation Cover	100	Litter Cover	0	
Tree Cover	0	Algae Cover	0	
Shrub Cover	0	Rock Cover	0	
Herb Grass Cover	100	Bare Peat/Soil Cover	0	
Bryophyte Cover	0	Open Water Cover	0	
Height of Vegetation (cm)	10	Height Shrub Layer (cm	n) 0	
Height Tree Layer (m)	0	Height Herb Layer (cm)) 10	
Species Latin Name	Species E	nglish Name	Species cover	(Domin
Agrostis stolonifera	Creeping B		7	
Anthoxanthum odoratum	Sweet Verr	nal-grass	4	
	Common M		2	

Bray Head		Site & Quadrat Numb	er: BH-Q2
Quadrat Description			
Grassy clifftop between the carpark	and the cliff	edge	
Quadrat Comments			
N/A			
Habitat Type			
GA2 Amenity grassland (improved)			
Quadrat Type			
Secondary Commont			
Quadrat Type Comment N/A			
Quadrat Number		Q2	
X Coordinate		435058	
Y Coordinate		573792	
Survey Date		12 th July 2018	
Surveyor		AT	
Substrate		Soil	
Stability		Firm	
Substrate Depth (cm)			
Slope Degrees		N/A	
Aspect		N/A	
Water Table Depth (cm)	Belov	v Surface	
Comments on Hydrology	N/A		
Quadrat Management	Carpa	ark edge	
Adjacent Landuse	Grazi	ng Sheep	
Grazing Comments	N/A p	present on site	
General Faunal Observations	N/A		
Structured Quadrat Cover Valu			
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	100	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	10	Height Shrub Layer (cm) 0
Height Tree Layer (m)	0	Height Herb Layer (cm)	10
Species Latin Name	Species Er	nglish Name	Species cover (Domin)
Agrostis stolonifera	Creeping Be	ent	7
Trifolium pratense	Red clover		4
Cerastium fontanum	Common M		2
Festuca ovina	Sheep's-fes	cue	7

Bray Head		Site & Quadrat Num	ber:	BH-Q3
Quadrat Description				
Grass verge along the carpark edge				
Quadrat Comments				
N/A				
Habitat Type				
GS2 Dry meadows and grassy verges	S			
Quadrat Type				
Secondary				
Quadrat Type Comment N/A				
Quadrat Number		Q3		
X Coordinate		435013		
Y Coordinate		573775		
Survey Date		12 th July 2018		
Surveyor		AT		
Substrate		Soil		
Stability		Firm		
Substrate Depth (cm)		-		
Slope Degrees		5		
Aspect		S		
Water Table Depth (cm)	Belov	v Surface		
Comments on Hydrology	-			
Quadrat Management	Shee	p Grazing		
Adjacent Landuse	Grazi	ng		
Grazing Comments	Shee	p		
General Faunal Observations	-			
Structured Quadrat Cover Value	s (%)	Structured Quadrat	Cover	
Tatal Variation Cover	100	Values (%)		0
Total Vegetation Cover Tree Cover	100	Litter Cover Algae Cover		0
Shrub Cover	0 0	Rock Cover		0 0
Herb Grass Cover	100	Bare Peat/Soil Cover		0
Bryophyte Cover	0	Open Water Cover		0
		•		
Height of Vegetation (cm)	15	Height Shrub Layer (cn	•	0
Height Tree Layer (m)	0	Height Herb Layer (cm))	15
Species Latin Name	Species E	nglish Name	Specie	es cover (Domin)
Anthoxanthum oforatum	Sweet vern	al grass	6	
DI	Plantain		3	
Plantago lanceolata Trifolium pratense	Red clover		6	

Bray Head		Site & Quadrat Numl	er:	BH-Q4
Quadrat Description Clifftop edge beyond the carpark area Quadrat Comments				
Visitors did not move in this area				
Habitat Type				
GS1 Dry calcareous and neutral grassl Quadrat Type	and			
Tertiary				
Quadrat Type Comment				
N/A				
Quadrat Number		Q4		
X Coordinate		434984		
Y Coordinate		573746		
Survey Date		12 th July 2018		
Surveyor		AT		
Substrate		Soil		
Stability		Firm		
Substrate Depth (cm)		-		
Slope Degrees		10		
Aspect		S		
Water Table Depth (cm)	Belov	v Surface		
Comments on Hydrology	-			
Quadrat Management	Shee	p Grazing		
Adjacent Landuse	Grazi	•		
Grazing Comments	Shee	р		
General Faunal Observations	-			
Structured Quadrat Cover Values	(%)	Structured Quadrat	Cover	
Tatal Varatation Cover	100	Values (%)		0
Total Vegetation Cover Tree Cover	100 0	Litter Cover Algae Cover		0
Shrub Cover	0	Rock Cover		0
Herb Grass Cover	100	Bare Peat/Soil Cover		0
Bryophyte Cover	0	Open Water Cover		0
		'		
Height of Vegetation (cm)	5	Height Shrub Layer (cm		0
Height Tree Layer (m)	0	Height Herb Layer (cm)		5
-		nglish Name		es cover (Domin)
	Sea pink		4	
	Birdsfoot T	refoil	3	
· · · · · · · · · · · · · · · · · · ·	Bent grass		4	
Festuca sp. F	escue		6	

Bray Head		Site & Quadrat Numb	er:	BH-Q5
Quadrat Description				
Grazing field fenced off from visitor mov	vements			
Quadrat Comments				
N/A				
Habitat Type				
GA1 Improved agricultural grassland				
Quadrat Type				
Tertiary				
Quadrat Type Comment				
N/A				
Quadrat Number		Q5		
X Coordinate		434963		
Y Coordinate		573770		
Survey Date		12 th July 2018		
Surveyor		AT		
Substrate		Soil		
Stability		Firm		
Substrate Depth (cm)		-		
Slope Degrees		10		
Aspect		E		
Water Table Depth (cm)	Belo	w Surface		
Comments on Hydrology	-			
Quadrat Management	Shee	ep Grazing		
Adjacent Landuse	Graz	-		
Grazing Comments	Shee	ep		
General Faunal Observations	-			
Structured Quadrat Cover Values (%)			
Total Vegetation Cover	100			0
Tree Cover	0	Algae Cover		0
Shrub Cover	4	Rock Cover		0
Herb Grass Cover	94	Bare Peat/Soil Cover		0
Bryophyte Cover	0	Open Water Cover		0
Height of Vegetation (cm)	20	Height Shrub Layer (cm		20
Height Tree Layer (m)	0	Height Herb Layer (cm)		3
		nglish Name	Specie	es cover (Domin)
		Ryegrass	9	
Juncus sp. Re	ed		3	

Bray Head		Site & Quadrat Numb	er: BH-Q6
Quadrat Description			
Grass verge along the walkway			
Quadrat Comments			
N/A			
Habitat Type			
GS2 Dry meadows and grassy verge	S		
Quadrat Type			
Core			
Quadrat Type Comment			
N/A			
Quadrat Number		Q6	
X Coordinate		434963	
Y Coordinate		573791	
Survey Date		12 th July 2018	
Surveyor		AT	
Substrate		Soil	
Stability		Firm	
Substrate Depth (cm)			
Slope Degrees		N/A	
Aspect		N/A	
Water Table Depth (cm)	Belov	w Surface	
Comments on Hydrology	N/A		
Quadrat Management	Path	verge	
Adjacent Landuse		ing Sheep	
Grazing Comments	N/A į	oresent on site	
General Faunal Observations	N/A		
Structured Quadrat Cover Value	s (%)		
Total Vegetation Cover	100		0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	100	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	20	Height Shrub Layer (cm	
Height Tree Layer (m)	0	Height Herb Layer (cm)	20
Species Latin Name		nglish Name	Species cover (Domin
Anthoxanthum oforatum	Sweet vern	al grass	9
Plantago lanceolata	Plantain		3

Bray Head		Site & Quadrat Numb	oer: BH-Q7
Quadrat Description			
Grass verge along the walkway			
Quadrat Comments			
N/A			
Habitat Type			
GS2 Dry meadows and grassy verge	ıs		
Quadrat Type	.5		
Secondary			
Quadrat Type Comment			
N/A			
Quadrat Number		Q7	
X Coordinate		434999	
Y Coordinate		573791	
Survey Date		12th July 2018	
Surveyor		AT	
Substrate		Soil	
Stability		Firm	
Substrate Depth (cm)			
Slope Degrees		N/A	
Aspect		N/A	
Water Table Depth (cm)		w Surface	
Comments on Hydrology	N/A		
Quadrat Management	Path	verge	
Adjacent Landuse	Graz	ing Sheep	
Grazing Comments	N/A	present on site	
General Faunal Observations	N/A		
Structured Quadrat Cover Value			
Total Vegetation Cover	95	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	95	Bare Peat/Soil Cover	5
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	15	Height Shrub Layer (cm	•
Height Tree Layer (m)	0	Height Herb Layer (cm)	15
Species Latin Name		nglish Name	Species cover (Domin)
Anthoxanthum oforatum	Sweet verr	nal grass	9
Plantago lanceolata	Plantain		3

Blasket View (Radharc na Blascaod	aí)	Site & Quadrat Numb	oer: BV-Q1
Quadrat Description			
Carpark verge			
Quadrat Comments			
N/A			
Habitat Type			
BL3 Buildings and artificial surfaces	(ED3 Recolor	nised Bare Ground)	
Quadrat Type Core		•	
Quadrat Type Comment N/A			
Quadrat Number		Q1	
X Coordinate		431802	
Y Coordinate		597639	
Survey Date		12 th July 2018	
Surveyor		AT	
Substrate		Soil	
Stability		Compacted/Firm	
Substrate Depth (cm)		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Slope Degrees		N/A	
Aspect		N/A	
Water Table Depth (cm)	Belov	v Surface	
Comments on Hydrology	N/A		
Quadrat Management	Carpa	ark	
Adjacent Landuse		ng Sheep	
Grazing Comments		resent on site	
General Faunal Observations	N/A		
Structured Quadrat Cover Valu	es (%)		
Total Vegetation Cover	15	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	15	Bare Peat/Soil Cover	5
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	15	Height Shrub Layer (cm	•
Height Tree Layer (m)	0	Height Herb Layer (cm)	15
Species Latin Name		nglish Name	Species cover (Domin)
Cirsium sp.	Thistle Spp		2
Potentilla anserina	Silverweed		2
	Catsear		

Blasket View (Radharc na Blascaod	aí)	Site & Quadrat Numl	ber: BV-Q2
Quadrat Description			
Managed grassland, heavily compa	cted below t	the carpark along the 1^{st} p	latform area
Quadrat Comments			
N/A			
Habitat Type			
GA2 Amenity Grassland (Improved)		
Quadrat Type	,		
Core			
Quadrat Type Comment			
N/A			
Quadrat Number		Q2	
X Coordinate		431789	
Y Coordinate		597641	
Survey Date		12 th July 2018	
Surveyor		AT	
- ,			
Substrate		Soil	
Stability		Compacted/Firm	
Substrate Depth (cm)		,	
Slope Degrees		0	
Aspect		N/A	
Water Table Depth (cm)	Belo	ow Surface	
Comments on Hydrology	N/A		
Quadrat Management	Dicr	nic Area	
Adjacent Landuse		zing Sheep	
Grazing Comments		present on site	
General Faunal Observations	N/A	-	
Structured Quadrat Cover Valu	es (%)		
Total Vegetation Cover	95	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	95	Bare Peat/Soil Cover	5
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	4	Height Shrub Layer (cm	1) 0
Height Tree Layer (m)	0	Height Herb Layer (cm)	
Species Latin Name	Species I	English Name	Species cover (Domin
Festuca rubra	Red Fescu	ie	2
Lolium perenne	Perenneal	Rye-grass	8
Poa sp	Meadow-c	irass	1

Blasket View (Radharc na Blascaod	aí) Site & Qu	adrat Number:	BV-Q3
Quadrat Description Managed grassland, heavily compa Quadrat Comments	cted below the carpark al	ong the extended v	riewing area
N/A			
Habitat Type			
GA2 Amenity Grassland (Improved)		
Quadrat Type			
Core			
Quadrat Type Comment N/A			
Quadrat Number	Q3		
X Coordinate	431790		
Y Coordinate	597632		
Survey Date	12 th July 2	018	
Surveyor	AT		
•			
Substrate	Soil		
Stability	Compacted	d/Firm	
Substrate Depth (cm)			
Slope Degrees	10		
Aspect	W		
Water Table Depth (cm)	Below Surface		
Comments on Hydrology	N/A		
Quadrat Management	Picnic Area		
Adjacent Landuse	Grazing Sheep		
Grazing Comments	N/A present on site		
General Faunal Observations	N/A		
Structured Quadrat Cover Valu	es (%)		
Total Vegetation Cover	95 Litter Cove	er	0
Tree Cover	0 Algae Cove	er	0
Shrub Cover	0 Rock Cove	r	0
Herb Grass Cover	95 Bare Peat/		5
Bryophyte Cover	0 Open Wate	er Cover	0
Height of Vegetation (cm)	4 Height Shr	ub Layer (cm)	0
Height Tree Layer (m)		b Layer (cm)	4
Species Latin Name	Species English Nam	e Spec	cies cover (Domin)
Lolium perenne	Perenneal Rye-grass	8	
Potentilla anserina	Silverweed	<u>2</u> 5	
Trifolium repens	White Clover		

3

Red Fescue

Festuca rubra

Blasket View (Radharc na Blascaodaí) Quadrat Description		Site & Quadrat Num		
Ouadrat Description	odaí) Site & Quadrat Num			BV-Q4
Roadside opposite the discovery point				
Quadrat Comments				
N/A				
Habitat Type				
GS1 Dry Calcareous and Neutral Grasslan	nd			
Quadrat Type				
Tertiary				
Quadrat Type Comment				
N/A				
Quadrat Number		Q4		
X Coordinate		431783		
Y Coordinate		597624		
Survey Date		12 th July 2018		
Surveyor		AT		
•				
Substrate		Soil		
Stability		Firm		
Substrate Depth (cm)				
Slope Degrees		10		
Aspect		S		
Water Table Depth (cm)	Belov	w Surface		
Comments on Hydrology	N/A			
Quadrat Management	Road	Iside		
Adjacent Landuse	Grazing Sheep			
Grazing Comments	N/A present on site			
General Faunal Observations	N/A			
Structured Quadrat Cover Values (%				
Total Vegetation Cover		Litter Cover		0
Tree Cover	0	Algae Cover		0
Shrub Cover	0	Rock Cover		0
Herb Grass Cover	100	Bare Peat/Soil Cover		0
Bryophyte Cover	0	Open Water Cover		0
Height of Vegetation (cm)	20	Height Shrub Layer (cn	-	0
Height Tree Layer (m)	0	Height Herb Layer (cm))	20
		nglish Name		ies cover (Domin)
	d Scabi		3	
	Kidney Vetch		3	
Dactylis glomerata Cocl	ksfoot		8	

Blasket View (Radharc na Blascaoda	ıí)	Site & Quadrat Numb	er: BV-Q5
Quadrat Description			
Managed grassland, heavily compac	ted below the	e carpark along the exten	ded viewing area
Quadrat Comments			
N/A			
Habitat Type			
GS2 Dry meadows and grassy verge	es		
Quadrat Type			
Core			
Quadrat Type Comment N/A			
Quadrat Number		Q5	
X Coordinate			
Y Coordinate			
Survey Date			
Surveyor		AT	
Substrate		Soil	
Stability	Compacted/Firm		
Substrate Depth (cm)			
Slope Degrees		5	
Aspect		N	
Water Table Depth (cm)	Below	v Surface	
Comments on Hydrology	N/A		
Quadrat Management	Picnic	: Area	
Adjacent Landuse		ng Sheep	
Grazing Comments		N/A present on site	
General Faunal Observations	N/A		
Structured Quadrat Cover Value	es (%)		
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	100	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	15	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	15
Species Latin Name	Species Er	nglish Name	Species cover (Domin)
Agrostus sp.	Bent grass		7
Festuca sp.	Fescue		6

Blasket View (Radharc na Blascaoo	laí)	Site & Quadrat Num	ber: BV-Q6
Quadrat Description			
Grass verge across the road from	the discovery	point	
Quadrat Comments			
Field bit scabious present			
Habitat Type			
GS2 Dry meadows and grassy verg	jes		
Quadrat Type			
Tertiary			
Quadrat Type Comment			
N/A			
Quadrat Number		Q6	
V.Co. and in a to		421010	
X Coordinate Y Coordinate		431810	
		597600	
Survey Date		12 th July 2018 AT	
Surveyor		AI	
Substrate		Soil	
Stability		Compacted/Firm	
Substrate Depth (cm)		compacted/1 iiiii	
Slope Degrees		5	
Aspect		W	
•			
Water Table Depth (cm)	Belo	w Surface	
Comments on Hydrology	N/A		
Quadrat Management	Picn	ic Area	
Adjacent Landuse	Graz	ring Sheep	
Grazing Comments	N/A	present on site	
General Faunal Observations	N/A		
Structured Quadrat Cover Valu	ıes (%)		
Total Vegetation Cover	95	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	95	Bare Peat/Soil Cover	5
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	4	Height Shrub Layer (cn	n) 0
Height Tree Layer (m)	0	Height Herb Layer (cm)	•
Species Latin Name	Species E	inglish Name	Species cover (Domin)
Knautia arvensis	Field Scab		4
Phleum pratense	Timothy		6
Plantago lanceolatta	Ribwort Pl	antain	4

Quadrat Description Directly adjacent to carpark Quadrat Comments Heavily compacted, used as an overflow carpark Habitat Type GS1 Dry calcareous and neutral grassland Quadrat Type Secondary Quadrat Type Comment N/A Quadrat Number Q1 X Coordinate 469095 Y Coordinate 647298 Survey Date 20th August 2018 Survey Date Survey Date Survey Date 9	Loop Head		Site & Quadrat Numb	oer: LH-Q1
Quadrat Comments Heavily compacted, used as an overflow carpark Habitat Type				
Heavily compacted, used as an overflow carpark Habitat Type GS1 Dry calcareous and neutral grassland Quadrat Type Secondary Quadrat Type Comment N/A Quadrat Number Q1 X Coordinate 469095 Y Coordinate 647298 Survey Date 20th August 2018 Surveyor AT Substrate Peat/soil Stability Stable Substrate Depth (cm) Slope Degrees 0 Aspect N/A Water Table Depth (cm) Below Comments on Hydrology N/A Quadrat Management N/A Grazing Comments N/A Grazing Comments N/A General Faunal Observations N/A Structured Quadrat Cover Values (%) Total Vegetation Cover 100 Litter Cover 0 Herb Grass Cover 0 Algae Cover 0 Shrub Cover 0 Rock Cover 0 Herb Grass Cover 100 Bare Peat/Soil Cover 0 Bryophyte Cover 0 Open Water Cover 0 Height of Vegetation (cm) 3 Height Shrub Layer (cm) 0 Height Tree Layer (m) 0 Height Herb Layer (cm) 3 Species Latin Name Species English Name Species cover (Domin)				
Habitat Type GS1 Dry calcareous and neutral grassland Quadrat Type Secondary Quadrat Type Comment N/A Quadrat Number Q1 X Coordinate 469095 Y Coordinate 647298 Survey Date 20th August 2018 Surveyor AT Substrate Peat/soil Stability Stable Substrate Depth (cm) Slope Degrees 0 Aspect N/A Water Table Depth (cm) Below Comments on Hydrology N/A Quadrat Management N/A Adjacent Landuse N/A Grazing Comments N/A Structured Quadrat Cover Values (%) Total Vegetation Cover 0 Algae Cover 0 Shrub Cover 0 Rock Cover 0 Free Cover 0 Algae Cover 0 Free Cover 0 Open Water Cover 0 Bryophyte Cover 0 Open Water Cover 0 Bryophyte Cover 0 Height Shrub Layer (cm) 0 Height of Vegetation (cm) 3 Height Shrub Layer (cm) 0 Height Tree Layer (m) 0 Height Herb Layer (cm) 3 Species Latin Name Species English Name Species cover (Domin)	<u> </u>			
GS1 Dry cal careous and neutral grassland Quadrat Type Secondary Quadrat Type Comment N/A Quadrat Number Q1 X Coordinate 469095 Y Coordinate 647298 Survey Date 20th August 2018 Surveyor AT Substrate Peat/soil Stability Stable Substrate Depth (cm) Slope Degrees 0 Aspect N/A Water Table Depth (cm) Below Comments on Hydrology N/A Quadrat Management N/A Adjacent Landuse N/A Grazing Comments N/A General Faunal Observations N/A Structured Quadrat Cover Values (%) Total Vegetation Cover 0 Algae Cover 0 Shrub Cover 0 Rock Cover 0 Herb Grass Cover 100 Bare Peat/Soil Cover 0 Bryophyte Cover 0 Open Water Cover 0 Herb Grass Cover 0 Height of Vegetation (cm) 1 Height of Vegetation (cm) 3 Height Shrub Layer (cm) 0 Height Tree Layer (m) 0 Height Herb Layer (cm) 3 Species Latin Name Species English Name Species cover (Domin)		erflow carpark		
Quadrat Type Secondary Quadrat Type Comment N/A Quadrat Number Q1 X Coordinate 469095 Y Coordinate 647298 Survey Date 20th August 2018 Surveyor AT Substrate Peat/soil Stability Stable Substrate Depth (cm) Slope Degrees 0 Aspect N/A Water Table Depth (cm) Below Comments on Hydrology N/A Quadrat Management N/A Adjacent Landuse N/A Grazing Comments N/A Structured Quadrat Cover Values (%) Total Vegetation Cover 100 Litter Cover 0 Shrub Cover 0 Rock Cover 0 Shrub Cover 0 Rock Cover 0 Herb Grass Cover 100 Bare Peat/Soil Cover 0 Bryophyte Cover 0 Algae Cover 0 Bryophyte Cover 0 Height Shrub Layer (cm) 0 Height of Vegetation (cm) 3 Height Shrub Layer (cm) 0 Height Tree Layer (m) 0 Height Herb Layer (cm) 3 Species Latin Name Species English Name Species cover (Domin)				
Quadrat Type Comment N/A Quadrat Number Q1 X Coordinate		rassland		
Quadrat Number Q1 X Coordinate 469095 Y Coordinate 647298 Survey Date 20th August 2018 Surveyor AT Substrate Peat/soil Stability Stable Substrate Depth (cm) Slope Degrees 0 Aspect N/A Water Table Depth (cm) Below Comments on Hydrology N/A Quadrat Management N/A Grazing Comments N/A Grazing Comments N/A Structured Quadrat Cover Values (%) Total Vegetation Cover 100 Litter Cover 0 Free Cover 0 Algae Cover 0 Shrub Cover 0 Rock Cover 0 Herb Grass Cover 100 Bare Peat/Soil Cover 0 Bryophyte Cover 0 Open Water Cover 0 Height of Vegetation (cm) 3 Height Shrub Layer (cm) 0 Height Tree Layer (m) 0 Height Herb Layer (cm) 3 Species Latin Name Species English Name Species cover (Domin)	- .			
Quadrat Number Q1 X Coordinate 469095 Y Coordinate 647298 Survey Date 20th August 2018 Surveyor AT Substrate Peat/soil Stability Stable Substrate Depth (cm) Slope Degrees 0 Aspect N/A Water Table Depth (cm) Below Comments on Hydrology N/A Quadrat Management N/A Adjacent Landuse N/A Grazing Comments N/A General Faunal Observations N/A Structured Quadrat Cover Values (%) Total Vegetation Cover 0 Algae Cover 0 Shrub Cover 0 Rock Cover 0 Herb Grass Cover 0 Open Water Cover 0 Bryophyte Cover 0 Open Water Cover 0 Height of Vegetation (cm) 3 Height Shrub Layer (cm) 0 Height Tree Layer (m) 0 Height Herb Layer (cm) 3 Species Latin Name Species English Name Species cover (Domin)				
Quadrat Number X Coordinate 469095 Y Coordinate 647298 Survey Date 20th August 2018 Surveyor AT Substrate Peat/soil Stability Stable Substrate Depth (cm) Slope Degrees 0 Aspect N/A Water Table Depth (cm) Comments on Hydrology N/A Quadrat Management N/A Adjacent Landuse N/A General Faunal Observations N/A Structured Quadrat Cover Values (%) Total Vegetation Cover 100 Litter Cover 0 Shrub Cover 0 Algae Cover 0 Shrub Cover 0 Rock Cover 0 Herb Grass Cover 0 Open Water Cover 0 Bryophyte Cover 0 Open Water Cover 0 Height of Vegetation (cm) 3 Height Shrub Layer (cm) 0 Height Tree Layer (m) 0 Height Herb Layer (cm) 3 Species Latin Name Species English Name Species cover (Domin)	- .			
X Coordinate Y Coordinate Survey Date Survey Date Surveyor AT Substrate Stability Stable Substrate Depth (cm) Slope Degrees Aspect N/A Water Table Depth (cm) Comments on Hydrology N/A Quadrat Management Adjacent Landuse N/A Grazing Comments N/A Structured Quadrat Cover Values (%) Total Vegetation Cover 0 Algae Cover 0 Algae Cover 0 Algae Cover 0 Algae Cover 0 Open Water Cover 0 Open Water Cover 0 Open Water Cover 0 Herb Grass Cover 0 Open Water Cover 0 Height of Vegetation (cm) Height Tree Layer (m) 0 Height Herb Layer (cm) 3 Species Latin Name Species English Name Species cover (Domin)	N/A			
Y Coordinate Survey Date Surveyor Substrate Stability Stable Substrate Depth (cm) Slope Degrees Aspect N/A Water Table Depth (cm) Comments on Hydrology N/A Quadrat Management Adjacent Landuse Grazing Comments N/A Structured Quadrat Cover Values (%) Total Vegetation Cover 100 Shrub Cover 0 Shrub Cover 0 Shrub Cover 0 Copen Water Cover 0 Shrub Cover 0 Height of Vegetation (cm) Height Tree Layer (m) 0 Species Latin Name Species English Name Species cover (Domin) Stable 20th August 2018 AT AT 20th August 2018 AT AT AT AT AT AT Below N/A Stable Substrate AT	Quadrat Number	Q1		
Y Coordinate Survey Date Surveyor Substrate Stability Stable Substrate Depth (cm) Slope Degrees Aspect N/A Water Table Depth (cm) Comments on Hydrology N/A Quadrat Management Adjacent Landuse Grazing Comments N/A Structured Quadrat Cover Values (%) Total Vegetation Cover 100 Shrub Cover 0 Algae Cover 0 Shrub Cover 0 Copen Water Cover 0 Below N/A Structured Quadrat Cover 100 Litter Cover 0 Shrub Cover 0 Algae Cover 0 Shrub Cover 0 Below N/A Structured Quadrat Cover 0 Herb Grass Cover 100 Bare Peat/Soil Cover 0 Herb Grass Cover 0 Herb Grass Cover 0 Height of Vegetation (cm) Height Tree Layer (m) 0 Height Tree Layer (cm) 3 Species Latin Name Species English Name Species cover (Domin)	X Coordinate	469095		
Surveyor Substrate Peat/soil Stability Stable Substrate Depth (cm) Slope Degrees 0 Aspect N/A Water Table Depth (cm) Comments on Hydrology N/A Quadrat Management N/A Adjacent Landuse N/A Grazing Comments N/A Structured Quadrat Cover Values (%) Total Vegetation Cover 100 Litter Cover 0 Shrub Cover 0 Algae Cover 0 Shrub Cover 0 Rock Cover 0 Herb Grass Cover 100 Bare Peat/Soil Cover 0 Herb Grass Cover 100 Bare Peat/Soil Cover 0 Herb Grass Cover 0 Open Water Cover 0 Height of Vegetation (cm) 3 Height Shrub Layer (cm) 0 Height Tree Layer (m) 0 Height Herb Layer (cm) 3 Species Latin Name Species English Name Species cover (Domin)				
Substrate Peat/soil Stability Stable Substrate Depth (cm) Slope Degrees 0 Aspect N/A Water Table Depth (cm) Below Comments on Hydrology N/A Quadrat Management N/A Adjacent Landuse N/A Grazing Comments N/A General Faunal Observations N/A Structured Quadrat Cover Values (%) Total Vegetation Cover 100 Litter Cover 0 Tree Cover 0 Algae Cover 0 Shrub Cover 0 Rock Cover 0 Herb Grass Cover 100 Bare Peat/Soil Cover 0 Bryophyte Cover 0 Open Water Cover 0 Height of Vegetation (cm) 3 Height Shrub Layer (cm) 0 Height Tree Layer (m) 0 Height Herb Layer (cm) 3 Species Latin Name Species English Name Species cover (Domin)		31,230	20th August 2018	
Substrate Stability Stable Substrate Depth (cm) Slope Degrees O Aspect N/A Water Table Depth (cm) Comments on Hydrology N/A Quadrat Management Adjacent Landuse N/A Grazing Comments N/A Structured Quadrat Cover Values (%) Total Vegetation Cover O Shrub Cover O Shrub Cover O Herb Grass Cover D Bryophyte Cover O Height of Vegetation (cm) Height Tree Layer (m) Stable Peat/soil Stable	-		_	
Stability Substrate Depth (cm) Slope Degrees Aspect N/A Water Table Depth (cm) Comments on Hydrology N/A Quadrat Management Adjacent Landuse N/A Grazing Comments N/A General Faunal Observations N/A Structured Quadrat Cover Values (%) Total Vegetation Cover 0 Algae Cover 0 Algae Cover 0 Shrub Cover 0 Rock Cover 0 Rock Cover 0 Bryophyte Cover 0 Open Water Cover 0 Height of Vegetation (cm) Height Tree Layer (m) Species Latin Name Species English Name Species cover (Domin)				
Stability Substrate Depth (cm) Slope Degrees Aspect N/A Water Table Depth (cm) Comments on Hydrology N/A Quadrat Management Adjacent Landuse N/A Grazing Comments N/A General Faunal Observations N/A Structured Quadrat Cover Values (%) Total Vegetation Cover 0 Algae Cover 0 Algae Cover 0 Shrub Cover 0 Rock Cover 0 Rock Cover 0 Bryophyte Cover 0 Open Water Cover 0 Height of Vegetation (cm) Height Tree Layer (m) Species Latin Name Species English Name Species cover (Domin)	Substrate	Peat/soil		
Substrate Depth (cm) Slope Degrees Aspect N/A Water Table Depth (cm) Comments on Hydrology N/A Quadrat Management Adjacent Landuse N/A Grazing Comments N/A General Faunal Observations N/A Structured Quadrat Cover Values (%) Total Vegetation Cover 0 Algae Cover 0 Algae Cover 0 Shrub Cover 0 Rock Cover 0 Bryophyte Cover 0 Open Water Cover 0 Height of Vegetation (cm) Height Tree Layer (m) Species Latin Name Species English Name Species cover (Domin)	Stability			
Slope Degrees 0 Aspect N/A Water Table Depth (cm) Below Comments on Hydrology N/A Quadrat Management N/A Adjacent Landuse N/A Grazing Comments N/A General Faunal Observations N/A Structured Quadrat Cover Values (%) Total Vegetation Cover 100 Litter Cover 0 Tree Cover 0 Algae Cover 0 Shrub Cover 0 Rock Cover 0 Herb Grass Cover 100 Bare Peat/Soil Cover 0 Bryophyte Cover 0 Open Water Cover 0 Height of Vegetation (cm) 3 Height Shrub Layer (cm) 0 Height Tree Layer (m) 0 Height Herb Layer (cm) 3 Species Latin Name Species English Name Species cover (Domin)				
Water Table Depth (cm) Comments on Hydrology N/A Quadrat Management Adjacent Landuse N/A Grazing Comments N/A General Faunal Observations N/A Structured Quadrat Cover Values (%) Total Vegetation Cover 0 Algae Cover 0 Algae Cover 0 Free Cover 0 Rock Cover 0 Herb Grass Cover 100 Bare Peat/Soil Cover 0 Height of Vegetation (cm) Height of Vegetation (cm) Height Tree Layer (m) Species English Name Species cover (Domin)		0		
Quadrat Management Adjacent Landuse N/A Grazing Comments N/A General Faunal Observations N/A Structured Quadrat Cover Values (%) Total Vegetation Cover 0 Algae Cover 0 Shrub Cover 0 Rock Cover 0 Herb Grass Cover 100 Bryophyte Cover 0 Height of Vegetation (cm) Height Tree Layer (m) Species Latin Name N/A N/A N/A Structured Quadrat Cover Values (%) Litter Cover 0 Algae Cover 0 Rock Cover 0 Height Shrub Layer (cm) 0 Height Herb Layer (cm) 3 Species English Name Species cover (Domin)	Aspect	N/A		
Quadrat Management Adjacent Landuse N/A Grazing Comments N/A General Faunal Observations N/A Structured Quadrat Cover Values (%) Total Vegetation Cover 0 Algae Cover 0 Shrub Cover 0 Rock Cover 0 Herb Grass Cover 100 Bryophyte Cover 0 Height of Vegetation (cm) Height Tree Layer (m) Species Latin Name N/A N/A N/A Structured Quadrat Cover Values (%) Litter Cover 0 Algae Cover 0 Rock Cover 0 Height Shrub Layer (cm) 0 Height Herb Layer (cm) 3 Species English Name Species cover (Domin)				
Quadrat Management Adjacent Landuse N/A Grazing Comments N/A General Faunal Observations N/A Structured Quadrat Cover Values (%) Total Vegetation Cover 100 Litter Cover 0 Algae Cover 0 Shrub Cover 0 Rock Cover 0 Herb Grass Cover 100 Bare Peat/Soil Cover 0 Bryophyte Cover 0 Height of Vegetation (cm) 3 Height Shrub Layer (cm) Height Tree Layer (m) Species English Name Species cover (Domin)				
Adjacent Landuse Grazing Comments N/A General Faunal Observations N/A Structured Quadrat Cover Values (%) Total Vegetation Cover 100 Litter Cover 0 Tree Cover 0 Algae Cover 0 Shrub Cover 0 Rock Cover 0 Herb Grass Cover 100 Bare Peat/Soil Cover 0 Bryophyte Cover 0 Open Water Cover 0 Height of Vegetation (cm) 3 Height Shrub Layer (cm) 0 Height Tree Layer (m) 0 Height Herb Layer (cm) 3 Species Latin Name Species English Name Species cover (Domin)	Comments on Hydrology	N/A		
Grazing Comments General Faunal Observations N/A Structured Quadrat Cover Values (%) Total Vegetation Cover 100 Litter Cover 0 Tree Cover 0 Algae Cover 0 Shrub Cover 0 Rock Cover 0 Herb Grass Cover 100 Bare Peat/Soil Cover 0 Bryophyte Cover 0 Open Water Cover 0 Height of Vegetation (cm) 3 Height Shrub Layer (cm) 0 Height Tree Layer (m) 0 Height Herb Layer (cm) 3 Species Latin Name Species English Name Species cover (Domin)	Quadrat Management	N/A		
General Faunal Observations N/A Structured Quadrat Cover Values (%) Total Vegetation Cover 100 Litter Cover 0 Tree Cover 0 Algae Cover 0 Shrub Cover 0 Rock Cover 0 Herb Grass Cover 100 Bare Peat/Soil Cover 0 Bryophyte Cover 0 Open Water Cover 0 Height of Vegetation (cm) 3 Height Shrub Layer (cm) 0 Height Tree Layer (m) 0 Height Herb Layer (cm) 3 Species Latin Name Species English Name Species cover (Domin)	Adjacent Landuse	N/A		
Structured Quadrat Cover Values (%) Total Vegetation Cover 100 Litter Cover 0 Tree Cover 0 Algae Cover 0 Shrub Cover 0 Rock Cover 0 Herb Grass Cover 100 Bare Peat/Soil Cover 0 Bryophyte Cover 0 Open Water Cover 0 Height of Vegetation (cm) 3 Height Shrub Layer (cm) 0 Height Tree Layer (m) 0 Height Herb Layer (cm) 3 Species Latin Name Species English Name Species cover (Domin)	Grazing Comments	N/A		
Structured Quadrat Cover Values (%) Total Vegetation Cover 100 Litter Cover 0 Tree Cover 0 Algae Cover 0 Shrub Cover 0 Rock Cover 0 Herb Grass Cover 100 Bare Peat/Soil Cover 0 Bryophyte Cover 0 Open Water Cover 0 Height of Vegetation (cm) 3 Height Shrub Layer (cm) 0 Height Tree Layer (m) 0 Height Herb Layer (cm) 3 Species Latin Name Species English Name Species cover (Domin)	General Faunal Observations			
Total Vegetation Cover 100 Litter Cover 0 Tree Cover 0 Algae Cover 0 Shrub Cover 0 Rock Cover 0 Herb Grass Cover 100 Bare Peat/Soil Cover 0 Bryophyte Cover 0 Open Water Cover 0 Height of Vegetation (cm) 3 Height Shrub Layer (cm) 0 Height Tree Layer (m) 0 Height Herb Layer (cm) 3 Species Latin Name Species English Name Species cover (Domin)				
Tree Cover 0 Algae Cover 0 Shrub Cover 0 Rock Cover 0 Herb Grass Cover 100 Bare Peat/Soil Cover 0 Bryophyte Cover 0 Open Water Cover 0 Height of Vegetation (cm) 3 Height Shrub Layer (cm) 0 Height Tree Layer (m) 0 Height Herb Layer (cm) 3 Species Latin Name Species English Name Species cover (Domin)				_
Shrub Cover 0 Rock Cover 0 Herb Grass Cover 100 Bare Peat/Soil Cover 0 Bryophyte Cover 0 Open Water Cover 0 Height of Vegetation (cm) 3 Height Shrub Layer (cm) 0 Height Tree Layer (m) 0 Height Herb Layer (cm) 3 Species Latin Name Species English Name Species cover (Domin)	_			
Herb Grass Cover 100 Bare Peat/Soil Cover 0 Bryophyte Cover 0 Open Water Cover 0 Height of Vegetation (cm) 3 Height Shrub Layer (cm) 0 Height Tree Layer (m) 0 Height Herb Layer (cm) 3 Species Latin Name Species English Name Species cover (Domin)				
Bryophyte Cover 0 Open Water Cover 0 Height of Vegetation (cm) 3 Height Shrub Layer (cm) 0 Height Tree Layer (m) 0 Height Herb Layer (cm) 3 Species Latin Name Species English Name Species cover (Domin)		-		
Height of Vegetation (cm) 3 Height Shrub Layer (cm) 0 Height Tree Layer (m) 0 Height Herb Layer (cm) 3 Species Latin Name Species English Name Species cover (Domin)				
Height Tree Layer (m) 0 Height Herb Layer (cm) 3 Species Latin Name Species English Name Species cover (Domin)	bryopnyte Cover	U	open water cover	U
Height Tree Layer (m) 0 Height Herb Layer (cm) 3 Species Latin Name Species English Name Species cover (Domin)	Height of Vegetation (cm)	3	Height Shrub Laver (cm	1) 0
Species Latin Name Species English Name Species cover (Domin)			, ,	•
(Domin)				
	Species Latin Name	Species Engli		
	Festuca sp.	Fescue		•
	Festuca sp.	Fescue		100

Loop Head		Site & Quadrat Numbe	r: LH-Q2
Quadrat Description Directly adjacent to carpark Quadrat Comments			
Heavily compacted, used as an o	verflow carpark		
Habitat Type GS1 Dry calcareous and neutral of	rrassland		
Quadrat Type	grassiana		
Secondary			
Quadrat Type Comment N/A			
Quadrat Number	Q2		
X Coordinate	469120		
Y Coordinate	647323		
Survey Date		20 th August 2018	
Surveyor		AT	
Substrate	Peat/soil		
Stability	Stable		
Substrate Depth (cm)			
Slope Degrees	0		
Aspect	N/A		
Water Table Depth (cm)	Below		
Comments on Hydrology	N/A		
Quadrat Management	N/A		
Adjacent Landuse	N/A		
Grazing Comments	N/A		
General Faunal Observations N/A			
Structured Quadrat Cover Va			
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover Herb Grass Cover	0 100	Rock Cover Bare Peat/Soil Cover	0 0
Bryophyte Cover	0	Open Water Cover	0
		·	
Height of Vegetation (cm)	3	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	3
Species Latin Name	Species Engli		pecies cover Domin)
Festuca sp.	Fescue	8	-
Lollium perrenie	Perennial Ryeg		
Poa sp.	Poa sp	1_	
Hypochaeris glabra	Smooth catsea	r 2	

		Site & Quadrat Numb	er: LH-Q3
Quadrat Description Directly adjacent to the souther Quadrat Comments	rn walking trail		
N/A			
Habitat Type			
GS1 Dry calcareous and neutral	l grassland		
Quadrat Type	g		
Secondary			
Quadrat Type Comment			
N/A			
Quadrat Number	Q3		
V Coordinate	460060		
X Coordinate Y Coordinate	469060		
	647359	20th August 2019	
Survey Date Surveyor		20 th August 2018 AT	
Jui veyoi		ΛI	
Substrate	Peat		
Stability	Stable		
Substrate Depth (cm)	Stable		
Slope Degrees	5		
Aspect	S		
F	<u> </u>		
Water Table Depth (cm)	Below		
Comments on Hydrology	N/A		
Quadrat Management	N/A		
Adjacent Landuse	N/A		
Grazing Comments	N/A		
General Faunal Observation	ıs		
N/A			
Structured Quadrat Cover V	• •	Litter Cover	0
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover Herb Grass Cover	0	Rock Cover	0
Bryophyte Cover	100 0	Bare Peat/Soil Cover Open Water Cover	0 0
Di yopiiyte Covei	U	Open water Cover	U
Height of Vegetation (cm)	15	Height Shrub Layer (cm) 0
Height Tree Layer (m)	0	Height Herb Layer (cm)	•
Species Latin Name	Species Engl		Species cover (Domin)
Festuca sp.	Fescue		7
Lollium perrenie	Perennial Rye	grass	1
<u> zemam pememe</u>	Poa sp		4

Loop Head Site & Quadrat Number: LH-Q4
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Quadrat Description

Broader area away from the walking trails

Quadrat Comments

Natural Erosion taking place due to the exposed clifftop topography

Habitat Type

HH1 Dry siliceous heath

Quadrat Type

Secondary

Quadrat Type Comment

N/A

Quadrat Number	Q4		
X Coordinate Y Coordinate Survey Date Surveyor	468771 647213	20 th August 2018 AT	
Substrate Stability Substrate Depth (cm) Slope Degrees Aspect	Peat Stable 5 S		
Water Table Depth (cm) Comments on Hydrology	Below N/A		
	<i>,</i>		
Quadrat Management	N/A		
Adjacent Landuse	N/A		
Grazing Comments	N/A		
General Faunal Observations N/A			
Structured Quadrat Cover Values	(%)		
Total Vegetation Cover	50	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	45	Rock Cover	0
Herb Grass Cover	5	Bare Peat/Soil Cover	50
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	15	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	15

Species Latin Name	Species English Name	Species cover (Domin)
Erica cinerea	Bell heather	5
Carix sp.	Sedge sp	5
Calluna vulgarus	Ling	2
Lotus corniculatus	Birdsfoot trefoil	2

Loop Head	Site & Quadrat Number:	LH-Q5	
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Quadrat Description

Broader area away from the walking trails

Quadrat Comments

Natural Erosion taking place due to the exposed clifftop topography

Habitat Type

HH1 Dry siliceous heath

Quadrat Type

Secondary

Quadrat Type Comment

Species Latin Name

Erica cinerea

Calluna vulgarus

Lotus corniculatus

Carix sp.

N/A

Quadrat Number	Q5		
X Coordinate	468892		
Y Coordinate	647164		
Survey Date		20 th August 2018	
Surveyor		AT	
Substrate	Peat		
Stability	Stable		
Substrate Depth (cm)			
Slope Degrees	5		
Aspect	S		
Water Table Depth (cm)	Below		
Comments on Hydrology	N/A		
Quadrat Management	N/A		
Adjacent Landuse	N/A		
Grazing Comments	N/A		
General Faunal Observations N/A			
Structured Quadrat Cover Values	s (%)		
Total Vegetation Cover	50	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	45	Rock Cover	0
Herb Grass Cover	5	Bare Peat/Soil Cover	50
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	15	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	15

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Species English Name

Bell heather

Birdsfoot trefoil

Sedge sp

Ling

Species cover (Domin)

<u>45</u> 5

2

Loop Head		Site & Quadrat Numb	er: LH-Q6
Quadrat Description Directly adjacent to the southern Quadrat Comments N/A Habitat Type GS1 Dry calcareous and neutral g Quadrat Type Secondary Quadrat Type Comment N/A	-		
Quadrat Number	Q6		
X Coordinate Y Coordinate Survey Date Surveyor	468650 647129	20 th August 2018 AT	
Substrate Stability Substrate Depth (cm) Slope Degrees Aspect	Peat Stable 5 S		
Water Table Depth (cm) Comments on Hydrology	Below N/A		
Quadrat Management Adjacent Landuse Grazing Comments General Faunal Observations N/A	N/A N/A N/A		
Structured Quadrat Cover Val	ues (%)		
Total Vegetation Cover Tree Cover Shrub Cover Herb Grass Cover Bryophyte Cover	100 0 0 100 0	Litter Cover Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover	0 0 0 0
Height of Vegetation (cm) Height Tree Layer (m)	25 0	Height Shrub Layer (cm) Height Herb Layer (cm)	
Species Latin Name	Species Engl		Species cover (Domin)
Festuca sp.	Fescue		9
Renunculus sp.	Buttercup sp		3
Lotus corniculatus	Birdsfoot trefo	il	4
Achillea millefolium	Yarrow		1

Quadrat Description Southern viewing point along the wa Quadrat Comments N/A Habitat Type GS1 Dry calcareous and neutral gras	lking trail		
N/A Habitat Type GS1 Dry calcareous and neutral gras			
Habitat Type GS1 Dry calcareous and neutral gras			
Habitat Type GS1 Dry calcareous and neutral gras			
GS1 Dry calcareous and neutral gras			
	sland		
Quadrat Type			
Secondary			
Quadrat Type Comment			
N/A			
Quadrat Number	Q7		
X Coordinate	469127		
Y Coordinate	646858		
Survey Date	0.0000	20th August 2018	
Surveyor		AT	
- , -			
Substrate	Peat/soil		
Stability	Stable		
Substrate Depth (cm)			
Slope Degrees	0		
Aspect	N/A		
Water Table Depth (cm)	Below		
Comments on Hydrology	N/A		
Quadrat Management	N/A		
Adjacent Landuse	N/A		
Grazing Comments	N/A		
General Faunal Observations			
N/A			
Structured Quadrat Cover Value			
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	100	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	3	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	3
Species Latin Name	pecies Englis	-	pecies cover Domin)
Festuca sp. F	escue	8	· • · · · · · · · · · · · · · · · · · ·
,	erennial Ryegi		
	oa sp	3	
•	mooth catsear		

Loop Head		Site & Quadrat Numb	er: LH-Q8
Quadrat Description Directly adjacent to the souther Quadrat Comments	n walking trail		
N/A			
Habitat Type			
GS2 Dry meadows and grassy w Quadrat Type Secondary	erges		
Quadrat Type Comment N/A			
Quadrat Number	Q8		
X Coordinate	460120		
Y Coordinate	469120 647035		
Survey Date	04/033	20 th August 2018	
Surveyor		AT	
Substrate	Peat		
Stability	Stable		
Substrate Depth (cm)	Stable		
Slope Degrees	5		
Aspect	S		
	_		
Vater Table Depth (cm)	Below		
Comments on Hydrology	N/A		
Quadrat Management	N/A		
Adjacent Landuse	N/A		
Grazing Comments	N/A		
General Faunal Observation	-		
leadow Brown (<i>Maniola jurtina</i>			
tructured Quadrat Cover V otal Vegetation Cover	100	Litter Cover	0
ree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	100	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
leight of Vegetation (cm)	25	Height Shrub Layer (cm)) 0
Height Tree Layer (m)	0	Height Herb Layer (cm)	25
Species Latin Name	Species Engl		Species cover (Domin)
	Sweet vernal g		5
Anthoxanthum odoratum	SMEET AELLIGIT		

Loop Head		Site & Quadrat Numb	er: LH-Q9
Quadrat Description			
Directly adjacent to the southern v	walking trail		
Quadrat Comments			
N/A			
Habitat Type			
HH1 Dry siliceous heath			
Quadrat Type			
Secondary			
Quadrat Type Comment			
N/A			
Quadrat Number	Q9		
X Coordinate	469109		
Y Coordinate	647157		
Survey Date	3 1, 13,	20th August 2018	
Surveyor		AT	
•			
Substrate	Peat		
Stability	Stable		
Substrate Depth (cm)			
Slope Degrees	5		
Aspect	S		
Water Table Depth (cm)	Below		
Comments on Hydrology	N/A		
Quadrat Management	N/A		
Adjacent Landuse	N/A		
Grazing Comments	N/A		
General Faunal Observations			
N/A Structured Quadrat Cover Valı	105 (0/2)		
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	Ö
Shrub Cover	70	Rock Cover	0
Herb Grass Cover	30	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	40	Height Shrub Layer (cm)) 40
Height Tree Layer (m)	0	Height Herb Layer (cm)	15
Species Latin Name	Species Engl		Species cover (Domin)
Argentina anserina	Silverweed		1
Hypochaeris radicata	Catsear		1
Calluna vulgarus	Ling		7
Plantago sp.	Plantain		3

Loop Head		Site & Quadrat Numb	er: LH-Q10
Quadrat Description Directly adjacent to the southern w Quadrat Comments N/A Habitat Type GS2 Dry meadows and grassy verg Quadrat Type Secondary Quadrat Type Comment N/A	J		
Quadrat Number	Q10		
X Coordinate Y Coordinate Survey Date Surveyor	469090 647179	20 th August 2018 AT	
Substrate Stability Substrate Depth (cm)	Peat Stable		
Slope Degrees Aspect	5 S		
Water Table Depth (cm) Comments on Hydrology	Below N/A		
Quadrat Management Adjacent Landuse Grazing Comments General Faunal Observations N/A	N/A N/A N/A		
Structured Quadrat Cover Valu	es (%)		
Total Vegetation Cover Tree Cover	100 0	Litter Cover Algae Cover	0 0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	100	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	20	Height Shrub Layer (cm	
Height Tree Layer (m)	0	Height Herb Layer (cm)	0
Species Latin Name	Species Engl	ish Name	Species cover (Domin)
Holcus lanatus	Yorkshire Fog		4
Lollium perenne	Perennial Ryec		6
Po asp.	Poa sp		6

Loop Head		Site & Quadrat Numb	er: LH-Q11
Quadrat Description			
Directly adjacent to the southern	walking trail		
Quadrat Comments	3 - 1		
//A			
abitat Type			
H1 Dry siliceous heath			
uadrat Type			
ertiary			
Quadrat Type Comment			
'A			
uadrat Number	Q11		
Coordinate	469196		
Coordinate Coordinate	647194		
urvey Date	UT/13 1	20 th August 2018	
urveyor		AT	
u. 10,01		All	
ubstrate	Peat		
Stability	Stable		
ubstrate Depth (cm)	362.0		
lope Degrees	5		
spect	S		
•	-		
ater Table Depth (cm)	Below		
omments on Hydrology	N/A		
uadrat Management	N/A		
djacent Landuse	N/A		
razing Comments	N/A		
General Faunal Observations			
/A			
tructured Quadrat Cover Val			
otal Vegetation Cover	100	Litter Cover	0
ree Cover	0	Algae Cover	0
hrub Cover	100	Rock Cover	0
lerb Grass Cover	0	Bare Peat/Soil Cover	0
ryophyte Cover	0	Open Water Cover	0
eight of Vegetation (cm)	45	Height Shrub Layer (cm	
leight Tree Layer (m)	0	Height Herb Layer (cm)	0
pecies Latin Name	Species Engl		Species cover
Sally year you decrease	Line		(Domin)
Calluna vulgarus	Ling		10

Loop Head		Site & Quadrat Numb	er: LH-Q12
Quadrat Description			
Directly adjacent to the souther	n walking trail		
Quadrat Comments	-		
· N/A			
labitat Type			
HH1 Dry siliceous heath			
Quadrat Type			
ertiary			
Quadrat Type Comment			
/A			
uadrat Number	Q12		
(Coordinate	469200		
/ Coordinate	647251		
Survey Date	3.,231	20th August 2018	
urveyor		AT	
ubstrate	Peat		
Stability	Stable		
Substrate Depth (cm)			
lope Degrees	5		
spect	S		
(atouTable Devil ()	D !		
Vater Table Depth (cm)	Below		
omments on Hydrology	N/A		
uadrat Management	N/A		
djacent Landuse	N/A		
Frazing Comments	N/A		
eneral Faunal Observation /A	IS		
tructured Quadrat Cover V	` '		_
otal Vegetation Cover	100	Litter Cover	0
ree Cover	0	Algae Cover	0
hrub Cover	100	Rock Cover	0
Herb Grass Cover	0	Bare Peat/Soil Cover	0
ryophyte Cover	0	Open Water Cover	0
leight of Vegetation (cm)	45	Height Shrub Layer (cm)	•
leight Tree Layer (m)	0	Height Herb Layer (cm)	0
Species Latin Name	Species Engl		Species cover (Domin)
Calluna vulgarus	Ling		7
canana vaigaras			3

Cliffs of Moher Site & Quadrat Number: COM-Q1

Quadrat Description

Enclosed grassland area free from visitor movements

Quadrat Comments

N/A

Habitat Type

GS2 Dry meadows and grassy verges

Quadrat Type

Tertiary

Quadrat Type Comment

General Faunal Observations

Cut off from visitor movement through fencing

cat on from visitor movement thro	agnitationg
Quadrat Number	Q1
X Coordinate	504071
Y Coordinate	632172
Survey Date	16 th August 2018
Surveyor	AT
Substrate	Soil
Stability	Firm
Substrate Depth (cm)	
Slope Degrees	5
Aspect	N
Water Table Depth (cm)	Below Surface
Comments on Hydrology	None
Quadrat Management	Fenced off
Adjacent Landuse	Tourism
Grazing Comments	None

Structured Quadrat Cover Values (%)				
<u> </u>		Littor Cover	0	
Total Vegetation Cover	100	Litter Cover	0	
Tree Cover	0	Algae Cover	Ü	
Shrub Cover	0	Rock Cover	0	
Herb Grass Cover	100	Bare Peat/Soil Cover	0	
Bryophyte Cover	0	Open Water Cover	0	
Height of Vegetation (cm)	30	Height Shrub Layer (cm)	0	
Height Tree Layer (m)	0	Height Herb Layer (cm)	30	

None

Species Latin Name	Species English Name	Species cover (Domin)
Argentina anserina	Silverweed	5
Dactylis glomerata	Cocksfoot	7
Cirsium vulgare	Spear Thistle	3
Rumex obtusifolius	Broad Leaf Dock	3
Festuca sp.	Fescue sp	2
Angelica sylvestris	Wild Angelica	3
Rumex acetosella	Sheep Sorrel	3

Cliffs of Moher Site & Quadrat Number: COM-Q2

Quadrat Description

Grass clifftop beyond visitor walkway, separated by stone wall.

Quadrat Comments

N/A

Habitat Type

GS1 Dry calcareous and neutral grassland

Quadrat Type

Tertiary

Quadrat Type Comment

Free from visitor movements through restrictions

Quadrat Number Q2

X Coordinate 503996 **Y Coordinate** 692222

Survey Date 16th August 2018

Surveyor AT

SubstrateSoilStabilityFirm

Substrate Depth (cm)
Slope Degrees

Aspect N

Water Table Depth (cm)

Below Surface

Comments on Hydrology None

Quadrat Management Open area, less trafficked by tourists

5

Adjacent Landuse Tourism
Grazing Comments None
General Faunal Observations N

Structured Quadrat Cover Values (%)

Structured Quadrat Cover values	(70)			
Total Vegetation Cover	100	Litter Cover	0	
Tree Cover	0	Algae Cover	0	
Shrub Cover	0	Rock Cover	0	
Herb Grass Cover	100	Bare Peat/Soil Cover	0	
Bryophyte Cover	0	Open Water Cover	0	
Height of Vegetation (cm)	10	Height Shrub Layer (cm)	0	
Height Tree Layer (m)	0	Height Herb Layer (cm)	10	

None

Species Latin Name	Species English Name	Species cover (Domin)
Tripleurospermum inodorum	Mayweed	5
Phleum pratense	Timothy	8
Trifolium pratense	Red clover	5

Cliffs of Moher **Site & Quadrat Number:** COM-Q3 **Quadrat Description** Area adjacent to the path, with a raised mound directly adjacent. **Quadrat Comments** N/A **Habitat Type** GA2 Amenity grassland (improved) **Quadrat Type** Secondary **Quadrat Type Comment** N/A **Quadrat Number** Q3 **X** Coordinate 503944 Y Coordinate 692315 **Survey Date** 16th August 2018 Surveyor ΑT **Substrate** Soil **Stability** Firm Substrate Depth (cm) **Slope Degrees** 5 Aspect W Water Table Depth (cm) **Below Surface Comments on Hydrology** Tourism **Quadrat Management** Adjacent Landuse Grazing **Grazing Comments** Cattle **General Faunal Observations** Structured Quadrat Cover Values (%) **Total Vegetation Cover** 100 Litter Cover 0 Tree Cover 0 Algae Cover 0 Shrub Cover 0 **Rock Cover** 0 Herb Grass Cover 100 Bare Peat/Soil Cover 0 0 Open Water Cover 0 Bryophyte Cover Height of Vegetation (cm) 15 Height Shrub Layer (cm) 0 15 Height Tree Layer (m) 0 Height Herb Layer (cm) Species cover (Domin) **Species Latin Name Species English Name** Trifolium repens White Clover Plantago lanceolatta Plantain 3 Timothy 5 Phleum pratense

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Cocksfoot

Dactylis glomerata

Cliffs of Moher		Site & Quadrat Numb	er:	COM-Q4
Quadrat Description				
Managed grassland beside the castle				
Quadrat Comments				
N/A				
Habitat Type				
GA2 Amenity grassland (improved)				
Quadrat Type				
Core				
Quadrat Type Comment				
N/A				
Quadrat Number		Q4		
X Coordinate		503912		
Y Coordinate		692327		
Survey Date		16th August 2018		
Surveyor		AT		
Substrate		Soil		
Stability		Firm		
Substrate Depth (cm)		-		
Slope Degrees		5		
Aspect		W		
Water Table Depth (cm)	Belov	v Surface		
Comments on Hydrology	-			
Quadrat Management	Tour			
Adjacent Landuse	Grazi	_		
Grazing Comments	Cattle	e		
General Faunal Observations	-			
Structured Quadrat Cover Values	(%)			
Total Vegetation Cover	100			
Tree Cover	0	Algae Cover		
Shrub Cover	0	Rock Cover		
Herb Grass Cover	100	Bare Peat/Soil Cover		
Bryophyte Cover	0	Open Water Cover		
Height of Vegetation (cm)	20	Height Shrub Layer (cm	•	0
Height Tree Layer (m)	0	Height Herb Layer (cm)		20
		nglish Name		s cover (Domin)
	Plantain		2	
•	Timothy		6	
Dactylis glomerata	Cocksfoot		5	

Cliffs of Moher		Site & Quadrat Numb	er: COM-Q5
Quadrat Description			
Walking trail beyond the built surfa	ces along th	e northern cliffs	
Quadrat Comments			
Erosion evident. Compaction of soil	and remova	l of vegetation	
Habitat Type			
GS1 Dry calcareous and neutral gra	issland		
Quadrat Type			
Secondary			
Quadrat Type Comment N/A			
N/A			
Quadrat Number		Q5	
X Coordinate		503958	
Y Coordinate		692392	
Survey Date		16 th August 2018	
Surveyor		AT	
		731	
Substrate		Soil	
Stability		Compacted	
Substrate Depth (cm)		-	
Slope Degrees		0	
Aspect		-	
•			
Water Table Depth (cm)	Belo	w Surface	
Comments on Hydrology	-		
Quadrat Management	Tou	rism	
Adjacent Landuse	Graz	ring	
Grazing Comments	Catt	le	
General Faunal Observations		-	
Structured Quadrat Cover Valu			
Total Vegetation Cover	60	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	60	Bare Peat/Soil Cover	40
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	10	Height Shrub Layer (cm) 0
Height Tree Layer (m)	0	Height Herb Layer (cm)	10
Species Latin Name	Species E	nglish Name	Species cover (Domin)
-	-		-

Cliffs of Moher		Site & Quadrat Numb	er: COM-Q6
Quadrat Description Walking trail beyond the built surfa Quadrat Comments	ces along th	e northern cliffs	
Erosion evident. Compaction of soil Habitat Type	and remova	ll of vegetation	
ED1 Exposed sand, gravel or till			
Quadrat Type Secondary			
Quadrat Type Comment			
N/A			
Quadrat Number		Q6	
X Coordinate		504044	
Y Coordinate		692472	
Survey Date		16th August 2018	
Surveyor		AT	
Substrate		Soil	
Stability		Compacted	
Substrate Depth (cm)		-	
Slope Degrees		0	
Aspect		-	
Water Table Depth (cm)	Belo	w Surface	
Comments on Hydrology	-		
Quadrat Management	Tou		
Adjacent Landuse	Graz	-	
Grazing Comments	Catt	le	
General Faunal Observations	-		
Structured Quadrat Cover Value			•
Total Vegetation Cover Tree Cover	0	Litter Cover Algae Cover	0
Shrub Cover	0 0	Rock Cover	0 0
Herb Grass Cover	0	Bare Peat/Soil Cover	100
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	-	Height Shrub Layer (cm)	0
Height Tree Layer (m)	-	Height Herb Layer (cm)	0
Species Latin Name	Species E	inglish Name	Species cover (Domin)
	-		-

Cliffs of Moher	Site & Quadrat Number:	COM-Q7
Cill's di Monei	Site & Quadrat Mulliber:	COM-Q/

Quadrat Description

Walking trail beyond the built surfaces along the northern cliffs

Quadrat Comments

Erosion evident. Compaction of soil and removal of vegetation

Habitat Type

GS1 Dry calcareous and neutral grassland

Quadrat Type

Secondary

Quadrat Type Comment

N/A

Quadrat Number	07
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X Coordinate 504149 **Y Coordinate** 692588

Survey Date 16th August 2018

Surveyor AT

Substrate Soil

Stability Compacted

Substrate Depth (cm) Slope Degrees 0
Aspect -

Water Table Depth (cm) Below Surface

Comments on Hydrology

Quadrat ManagementTourismAdjacent LanduseGrazingGrazing CommentsCattleGeneral Faunal Observations-

Structured Quadrat Cover Values (%)

			_	
Total Vegetation Cover	100	Litter Cover	0	
Tree Cover	0	Algae Cover	0	
Shrub Cover	0	Rock Cover	0	
Herb Grass Cover	100	Bare Peat/Soil Cover	0	
Bryophyte Cover	0	Open Water Cover	0	
Height of Vegetation (cm)	5	Height Shrub Layer (cm)	0	
Height Tree Layer (m)	0	Height Herb Layer (cm)	5	

Species Latin Name	Species English Name	Species cover (Domin)
Festuca sp.	Fescue	6
Hypochaeris radicata	Catsear	3
Plantago lanceolatta	Plaintain	1
Agrostis sp.	Bent Grass	5

Cliffs of Moher		Site & Quadrat Numb	er: COM-Q8
Quadrat Description Paved pathway along the clifftops to Quadrat Comments N/A Habitat Type BL3 Buildings and artificial surfaces Quadrat Type Core	o the south	of the discovery point	
Quadrat Type Comment N/A			
Quadrat Number		Q8	
X Coordinate Y Coordinate Survey Date Surveyor		504088 692025 16 th August 2018 AT	
Substrate Stability Substrate Depth (cm) Slope Degrees Aspect		Concrete Solid - 0 -	
Water Table Depth (cm) Comments on Hydrology	Belo -	w Surface	
Quadrat Management Adjacent Landuse Grazing Comments General Faunal Observations	Toui Graz Catt -	ring	
Structured Quadrat Cover Value	es (%)		
Total Vegetation Cover Tree Cover Shrub Cover Herb Grass Cover Bryophyte Cover	0 0 0 0	Litter Cover Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover	0 0 0 100 0
Height of Vegetation (cm) Height Tree Layer (m)	-	Height Shrub Layer (cm Height Herb Layer (cm)) - -
Species Latin Name	Species E	nglish Name	Species cover (Domin) -

Cliffs of Moher Site & Quadrat Number: COM-Q9

Quadrat Description

Grass verge along the paved pathway along the clifftops to the south of the discovery point **Quadrat Comments**

N/A

Habitat Type

GA2 Amenity grassland (improved)

Quadrat Type

Core

Quadrat Type Comment

N/A

Quadrat Number	Q9	
X Coordinate	503996	
Y Coordinate	291865	
Survey Date	16 th August 2018	
Surveyor	AT	
Substrate	Soil	
Stability	Firm	
Substrate Depth (cm)	-	
Slope Degrees	5	
Aspect	W	

Water Table Depth (cm)	Below Surface
Comments on Hydrology	-

Quadrat Management	Tourism
Adjacent Landuse	Grazing
Grazing Comments	Cattle
General Faunal Observations	_

Structured Quadrat Cover Values (%)		
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	100	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	10	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	10

Species Latin Name	Species English Name	Species cover (Domin)
Plantago lanceolatta	Plantain	3
Phleum pratense	Timothy	5
Dactylis glomerata	Cocksfoot	5

Killary Harbour		Site & Quadrat Numb	oer: KH-Q1
Quadrat Description			
Grass verge at the edge of the layby	,		
Quadrat Comments			
N/A			
Habitat Type			
GS2 Dry meadows and grassy verge	s		
Quadrat Type			
Core			
Quadrat Type Comment			
N/A			
Quadrat Number		Q1	
X Coordinate		483263	
Y Coordinate		762128	
Survey Date		8 th July 2018	
Surveyor		AT	
Substrate		Soil	
Stability		Firm	
Substrate Depth (cm)		-	
Slope Degrees		5	
Aspect		S	
Water Table Depth (cm)	Belov	w Surface	
Comments on Hydrology	-		
Quadrat Management	Roac		
Adjacent Landuse	Graz		
Grazing Comments	Cattl	e	
General Faunal Observations	-		
Structured Quadrat Cover Value	• •		
Total Vegetation Cover	100		0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	100	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	20	Height Shrub Layer (cm	
Height Tree Layer (m)	0	Height Herb Layer (cm)	20
Species Latin Name		nglish Name	Species cover (Domin
Phleum pratense	Timothy		5
Urtica dioica	Stinging ne		4
Anthoxanthum odoratum	Sweet Verr		6
Rumex obtusifolius	Broad leaf	dock	2

Killary Harbour		Site & Quadrat Numb	er: KH-Q2
Quadrat Description			
Layby			
Quadrat Comments			
N/A			
Habitat Type			
BL3 Buildings and artificial surfaces			
Quadrat Type			
Core			
Quadrat Type Comment N/A			
Quadrat Number		Q2	
X Coordinate		483187	
Y Coordinate		762101	
Survey Date		8 th July 2018	
Surveyor		AT	
Substrate		Concrete	
Stability		Solid	
Substrate Depth (cm)		-	
Slope Degrees		-	
Aspect		-	
Water Table Depth (cm)	Belo	ow Surface	
Comments on Hydrology	-		
Quadrat Management	Car	park	
Adjacent Landuse		zing	
Grazing Comments	Catt	tle	
General Faunal Observations	-		
Structured Quadrat Cover Value	es (%)		
Total Vegetation Cover	5	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	5	Bare Peat/Soil Cover	95
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	5	Height Shrub Layer (cm	
Height Tree Layer (m)	0	Height Herb Layer (cm)	5
Species Latin Name		English Name	Species cover (Domin)
Rumex obtusifolius	Broad leaf	dock	2

Killary Harbour		Site & Quadrat Numb	er: KH-Q3
Quadrat Description			
Grass verge across the road from th	ie discovery į	point	
Quadrat Comments			
N/A			
Habitat Type			
GS2 Dry meadows and grassy verge	es		
Quadrat Type			
Core			
Quadrat Type Comment N/A			
Quadrat Number		Q3	
X Coordinate		483176	
Y Coordinate		762074	
Survey Date		8 th July 2018	
Surveyor		AT ,	
Substrate		Soil	
Stability		Firm	
Substrate Depth (cm)		-	
Slope Degrees		5	
Aspect		S	
Water Table Depth (cm)	Belov	v Surface	
Comments on Hydrology	-		
Quadrat Management	Road	side	
Adjacent Landuse	Graze	e	
Grazing Comments	Cattle	e	
General Faunal Observations	-		
Structured Quadrat Cover Value	es (%)		
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	100	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	20	Height Shrub Layer (cm) 0
Height Tree Layer (m)	0	Height Herb Layer (cm)	20
Species Latin Name	Species E	nglish Name	Species cover (Domin)
Phleum pratense	Timothy		5
Urtica dioica	Stinging ne	ttle	4
Anthoxanthum odoratum	Sweet Vern		6
Rumex obtusifolius	Broad leaf	dock	2

Killary Harbour		Site & Quadrat Numb	er: KH-Q4
Quadrat Description			
Area below the discovery point alor	ig the fjord ei	mbankment	
Quadrat Comments			
Rhododendron is rampant in this ar	ea		
Habitat Type			
GS1 Dry calcareous and neutral gra	ssland		
Quadrat Type			
Tertiary			
Quadrat Type Comment			
N/A			
Quadrat Number		Q4	
X Coordinate		483140	
Y Coordinate		762115	
Survey Date		8 th July 2018	
Surveyor		AT	
-			
Substrate		Soil	
Stability		Firm	
Substrate Depth (cm)		-	
Slope Degrees		15	
Aspect		N	
Water Table Depth (cm)	Belov	v Surface	
Comments on Hydrology	-		
Quadrat Management	None		
Adjacent Landuse	Graze		
Grazing Comments	Cattle	е	
General Faunal Observations	-		
Structured Quadrat Cover Value	es (%)		
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	100	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	10	Height Shrub Layer (cm)) 0
Height Tree Layer (m)	0	Height Herb Layer (cm)	10
Species Latin Name	Species Er	nglish Name	Species cover (Domin)
Hypochaeris radicata	Catsear		3
11/2001100110110110			
Plantago lanceolatta	Plaintain		1

Killary Harbour		Site & Quadrat Numb	er: KH-Q5
Quadrat Description			
Area below the discovery point alo	ng the fjord e	mbankment	
Quadrat Comments			
Rhododendron is rampant in this a	rea		
Habitat Type			
PF2 Poor fen and flush			
Quadrat Type			
Tertiary			
Quadrat Type Comment			
N/A			
Quadrat Number		Q5	
X Coordinate		483198	
Y Coordinate		762161	
Survey Date		8 th July 2018	
Surveyor		AT	
Substrate		Soil	
Stability		Soft	
Substrate Depth (cm)		-	
Slope Degrees		15	
Aspect		N	
Water Table Depth (cm)	At Su	ırface	
Comments on Hydrology	Wate	erlogged	
Quadrat Management	None	1	
Adjacent Landuse	Graze		
Grazing Comments	Cattle	e	
General Faunal Observations	-		
Structured Quadrat Cover Valu	ies (%)		
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	100	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	10	Height Shrub Layer (cm) 0
Height Tree Layer (m)	0	Height Herb Layer (cm)	10
Species Latin Name	Species E	nglish Name	Species cover (Domin)
Carex nigra	Black sedge		4
Holcus lanatus	Yorkshire fo	og	7
Potentillia palustris	Marsh cinq	uefoil	3

Surveying and Moni	toring for the W	/ild Atlantic Way Operational Pro	gramme
Keem Strand		Site & Quadrat Numb	er: KS-Q1
Quadrat Description Area directly adjacent to the main	carpark, wh	ere campers have set up	controlled fire pits in the
grass.			
Quadrat Comments			
N/A			
Habitat Type			
GS3 Dry-humid acid grassland			
Quadrat Type			
Core			
Quadrat Type Comment			
N/A			
Over deat Neurob en		01	
Quadrat Number		Q1	
X Coordinate		455970	
Y Coordinate		804258	
Survey Date		7 th July 2018	
Surveyor		AT	
		6 37 17 1	
Substrate		Soil/peat/sand	
Stability		Firm	
Substrate Depth (cm)		0	
Slope Degrees Aspect		-	
Aspect		_	
Water Table Depth (cm)	Belo	w Surface	
Comments on Hydrology	-		
Quadrat Management	Com	monage	
Adjacent Landuse	Com	monage	
Grazing Comments	Shee	ep	
General Faunal Observations			
Structured Quadrat Cover Value	es (%)		
Total Vegetation Cover	90	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	90	Bare Peat/Soil Cover	10
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	3	Height Shrub Layer (cm	
Height Tree Layer (m)	0	Height Herb Layer (cm)	3
Species Latin Name	Species E	nglish Name	Species cover (Domin)
Festuca sp.	Fescue		9

Keem Strand		Site & Quadrat Numb	er: KS-Q2	
Quadrat Description				
Steep slope adjacent to the walkwa	y on the site			
Quadrat Comments				
N/A				
Habitat Type				
GS3 Dry-humid acid grassland				
Quadrat Type				
Core				
Quadrat Type Comment				
N/A				
Quadrat Number		Q2		
X Coordinate		455942		
Y Coordinate		804209		
Survey Date		7 th July 2018		
Surveyor		AT		
•				
Substrate		Soil		
Stability		Firm		
Substrate Depth (cm)				
Slope Degrees		35		
Aspect		S		
Water Table Depth (cm)	Belov	w Surface		
Comments on Hydrology	-			
Quadrat Management	Com	monage		
Adjacent Landuse		monage		
Grazing Comments	Shee	p		
General Faunal Observations				
Structured Quadrat Cover Value	es (%)			
Total Vegetation Cover		Litter Cover	0	
Tree Cover	0	Algae Cover	0	
Shrub Cover	<5	Rock Cover	0	
Herb Grass Cover	100	Bare Peat/Soil Cover	0	
Bryophyte Cover	0	Open Water Cover	0	
Height of Vegetation (cm)	15	Height Shrub Layer (cm)) 15	
Height Tree Layer (m)	0	Height Herb Layer (cm)		
Species Latin Name	•	nglish Name	Species cover (Domi	ın)
Agrostis sp. Erica tetralix	Bent Cross-leave	ad Heath	<u>3</u> 3	
	Fescue	tu i icaul	6	
Festuca spp Holcus lanatus	Yorkshire-f		5	
Hypochaeris radicata	Cat's-ear	ug	3	
Plantago lanceolata	Ribwort Pla	ntain	3	
Prunella vulgaris	Selfheal	man	2	
Ranunculus repens	Creeping B	uttercup	3	
	c. ccping D		-	

Keem Strand		Site & Quadrat Numb	er: KS-Q3
Quadrat Description			
Grassy patch in between the acces	s tracks dow	n to the beach	
Quadrat Comments			
N/A			
Habitat Type			
GS3 Dry-humid acid grassland			
Quadrat Type			
Core			
Quadrat Type Comment			
N/A			
Quadrat Number		Q3	
X Coordinate		455976	
Y Coordinate		804189	
Survey Date		7 th July 2018	
Survey Date Surveyor		AT	
Surveyor		AI	
Substrate		Soil	
Stability		Firm	
Substrate Depth (cm)		1 11 11 1	
Slope Degrees		5	
Aspect		S	
Аэресс		5	
Water Table Depth (cm)	Belo	w Surface	
Comments on Hydrology	-		
,			
Quadrat Management	Com	monage	
Adjacent Landuse		monage	
Grazing Comments	Shee	ер	
General Faunal Observations	-		
Structured Quadrat Cover Valu	ıes (%)		
Total Vegetation Cover	95	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	95	Bare Peat/Soil Cover	5
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	<5	Height Shrub Layer (cm) -
Height Tree Layer (m)	-	Height Herb Layer (cm)	
		25 2 2 2 7 2 (2)	-
Species Latin Name		nglish Name	Species cover (Domin
Agrostis stolonifera	Creeping E	Bent	5
Festuca sp	Fescue		7
Cerastium fontanum	Common N	louse-ear	2

Keem Strand		Site & Quadrat Numb	oer: KS-Q4
Quadrat Description			
Area of grass beside the beach			
Quadrat Comments			
N/A			
Habitat Type			
GS3 Dry-humid acid grassland			
Quadrat Type			
Core			
Quadrat Type Comment			
N/A			
Quadrat Number		Q4	
X Coordinate		456004	
Y Coordinate		804143	
Survey Date		7 th July 2018	
Surveyor		AT	
Substrate		Soil	
Stability		Firm	
Substrate Depth (cm)			
Slope Degrees		5	
Aspect		S	
Water Table Depth (cm)	Belov	w Surface	
Comments on Hydrology	-		
Quadrat Management	Com	monage	
Adjacent Landuse	Com	monage	
Grazing Comments	Shee	p	
General Faunal Observations	-		
Structured Quadrat Cover Valu	es (%)		
Total Vegetation Cover	100		0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	100	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	<5	Height Shrub Layer (cm	•
Height Tree Layer (m)	-	Height Herb Layer (cm)	<5
Species Latin Name		nglish Name	Species cover (Domin)
Agrostis stolonifera	Creeping B		5
Anthoxanthum odoratum	Sweet Verr		4
Cerastium fontanum	Common M		2
Festuca ovina	Sheep's-fes	scue	7

Keem Strand		Site & Quadrat Numb	er: KS-Q5
Quadrat Description			
Sandy shore			
Quadrat Comments			
N/A			
Habitat Type			
LS2 Sand Shore			
Quadrat Type			
Core			
Quadrat Type Comment N/A			
		Q5	
Quadrat Humber		QS	
X Coordinate		456074	
Y Coordinate		804223	
Survey Date		7 th July 2018	
Surveyor		AT	
•			
Substrate	Sand		
Stability	Loose		
Substrate Depth (cm)	-		
Slope Degrees `´	S		
Aspect	5		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	-		
Quadrat Management	Beach		
Adjacent Landuse	-		
Grazing Comments	-		
General Faunal Observations		-	
Structured Quadrat Cover Valu	es (%)		
Total Vegetation Cover	-	Litter Cover	-
Tree Cover	-	Algae Cover	-
Shrub Cover	-	Rock Cover	-
Herb Grass Cover	-	Bare Peat/Soil Cover	100
Bryophyte Cover	-	Open Water Cover	-
Height of Vegetation (cm)	-	Height Shrub Layer (cm) -
Height Tree Layer (m)	-	Height Herb Layer (cm)	-
Species Latin Name	Species Eng		Species cover (Domin)
			(DOMMI)
-	-		-

Quadrat Description Desire line up towards the clifftop ridge Quadrat Comments N/A Habitat Type HH3 Wet heath Quadrat Type Secondary Quadrat Type Comment N/A Quadrat Number X Coordinate Y Coordinate Survey Date Surveyor Substrate Stability Substrate Depth (cm) Slope Degrees Aspect		Q6		
Quadrat Comments N/A Habitat Type HH3 Wet heath Quadrat Type Secondary Quadrat Type Comment N/A Quadrat Number X Coordinate Y Coordinate Survey Date Surveyor Substrate Stability Substrate Depth (cm) Slope Degrees Aspect		Q6		
N/A Habitat Type HH3 Wet heath Quadrat Type Secondary Quadrat Type Comment N/A Quadrat Number X Coordinate Y Coordinate Survey Date Surveyor Substrate Stability Substrate Depth (cm) Slope Degrees Aspect		Q6		
Habitat Type HH3 Wet heath Quadrat Type Secondary Quadrat Type Comment N/A Quadrat Number X Coordinate Y Coordinate Survey Date Surveyor Substrate Stability Substrate Depth (cm) Slope Degrees Aspect		Q6		
Habitat Type HH3 Wet heath Quadrat Type Secondary Quadrat Type Comment N/A Quadrat Number X Coordinate Y Coordinate Survey Date Surveyor Substrate Stability Substrate Depth (cm) Slope Degrees Aspect		Q6		
HH3 Wet heath Quadrat Type Secondary Quadrat Type Comment N/A Quadrat Number X Coordinate Y Coordinate Survey Date Surveyor Substrate Stability Substrate Depth (cm) Slope Degrees Aspect		Q6		
Quadrat Type Comment N/A Quadrat Number X Coordinate Y Coordinate Survey Date Surveyor Substrate Stability Substrate Depth (cm) Slope Degrees Aspect		Q6		
Quadrat Type Comment N/A Quadrat Number X Coordinate Y Coordinate Survey Date Surveyor Substrate Stability Substrate Depth (cm) Slope Degrees Aspect		Q6		
Quadrat Number X Coordinate Y Coordinate Survey Date Surveyor Substrate Stability Substrate Depth (cm) Slope Degrees Aspect		Q6		
Quadrat Number X Coordinate Y Coordinate Survey Date Surveyor Substrate Stability Substrate Depth (cm) Slope Degrees Aspect		Q6		
X Coordinate Y Coordinate Survey Date Surveyor Substrate Stability Substrate Depth (cm) Slope Degrees Aspect		Q6		
Y Coordinate Survey Date Surveyor Substrate Stability Substrate Depth (cm) Slope Degrees Aspect				
Survey Date Surveyor Substrate Stability Substrate Depth (cm) Slope Degrees Aspect		455831		
Surveyor Substrate Stability Substrate Depth (cm) Slope Degrees Aspect		804018		
Substrate Stability Substrate Depth (cm) Slope Degrees Aspect		7 th July 2018		
Stability Substrate Depth (cm) Slope Degrees Aspect		AT		
Substrate Depth (cm) Slope Degrees Aspect		Peat		
Slope Degrees Aspect		Loose		
Aspect				
-		15		
Nator Table Douth (cm)		E		
Water Table Depth (cm)	Belov	v Surface		
Comments on Hydrology	-			
Quadrat Management		monage		
Adjacent Landuse		nonage		
Grazing Comments	Shee	p		
General Faunal Observations	-			
Structured Quadrat Cover Values (%))			
Total Vegetation Cover		Litter Cover	0	
Tree Cover	100	Algae Cover	0	
Shrub Cover	0	Rock Cover	0	
Herb Grass Cover	0	Bare Peat/Soil Cover	0	
Bryophyte Cover	0	Open Water Cover	0	
Height of Vegetation (cm)	50	Height Shrub Layer (cm)	,	
Height Tree Layer (m)	0	Height Herb Layer (cm)	0	
			Species cover (Domin
		d heath	7	
Erica cinecae Bell h	eathe	r		
	30.0.10	ı	7	

Keem Strand		Site & Quadrat Numb	er: KS-Q7
Quadrat Description			
Desire line up towards the clifftop ridge	9		
Quadrat Comments			
N/A			
Habitat Type			
HH3 Wet heath			
Quadrat Type			
Secondary			
Quadrat Type Comment			
N/A			
Quadrat Number		Q7	
X Coordinate		455516	
Y Coordinate		804007	
Survey Date		7 th July 2018	
Surveyor		AT	
Substrate		Peat	
Stability		Loose	
Substrate Depth (cm)			
Slope Degrees		15	
Aspect		E	
Water Table Depth (cm)	Belov	w Surface	
Comments on Hydrology	-		
Quadrat Management	Com	monage	
Adjacent Landuse	Com	monage	
Grazing Comments	Shee	p	
General Faunal Observations	-		
Structured Quadrat Cover Values (
Total Vegetation Cover		Litter Cover	0
Tree Cover	100	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	0	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	50	Height Shrub Layer (cm	
Height Tree Layer (m)	0	Height Herb Layer (cm)	0
	•	nglish Name	Species cover (Dom
	ross leave		7
Erica cinecae B	ell heathe	r	7

Keem Strand		Site & Quadrat Numb	er: KS-Q8
Quadrat Description			
Sloped grassland area opposite t	he layby before	you get to the site	
Quadrat Comments			
N/A			
Habitat Type			
GS3 Dry-humid acid grassland			
Quadrat Type			
Tertiary			
Quadrat Type Comment			
N/A			
Quadrat Number		Q8	
X Coordinate		456109	
Y Coordinate		804403	
Survey Date		7 th July 2018	
Surveyor		AT	
		,	
Substrate		Soil/Peat	
Stability		Loose	
Substrate Depth (cm)			
Slope Degrees		5	
Aspect		S	
Water Table Depth (cm)	Belov	w Surface	
Comments on Hydrology	-		
Quadrat Management	Com	monage	
Adjacent Landuse		monage	
Grazing Comments	Shee	•	
General Faunal Observations		r	
Structured Quadrat Cover Va	lues (%)		
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	100	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	15	Height Shrub Layer (cm) -
Height Tree Layer (m)	-	Height Herb Layer (cm)	10-15
Species Latin Name	Species E	nglish Name	Species cover (Domin)
Festuca rubera	Red Fescue	<u> </u>	8
Achillea millefolium	Yarrow		5
Plantago lanceolata	Ribwort Pla	ıntain	3
Trifolium pratense	Red Clover		5

Keem Strand		Site & Quadrat Numb	er: KS-Q9
Quadrat Description			
Grassland area adjacent to the lay	by before you	get to the site	
Quadrat Comments			
N/A			
Habitat Type			
GS4 Wet grassland			
Quadrat Type			
Tertiary			
Quadrat Type Comment			
N/A			
Quadrat Number		Q9	
X Coordinate		456101	
Y Coordinate Y Coordinate		804372	
Survey Date		7 th July 2018	
Surveyor		AT	
Substrate		Soil/Peat	
Stability		Loose	
Substrate Depth (cm)			
Slope Degrees		15	
Aspect		S	
Water Table Depth (cm)	Belov	w Surface	
Comments on Hydrology	-		
Quadrat Management		monage	
Adjacent Landuse		monage	
Grazing Comments	Shee	p	
General Faunal Observations	-		
Structured Quadrat Cover Val	ues (%)		
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	100	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	30	Height Shrub Layer (cm) 30
Height Tree Layer (m)	0	Height Herb Layer (cm)	
Species Latin Name	Species F	nglish Name	Species cover (Domin)
Agrostis stolonifera	Creeping b		7
Juncus spp.	Reeds	G.1.C	6
Festuca sp	Fescue		4
restaca sp	i cocac		1

Downpatrick Head		Site & Quadrat Numb	er: DPH-Q1
Quadrat Description			
Adjacent to the carpark			
Quadrat Comments			
Good Condition			
Habitat Type			
GS1 Dry Calcareous and neutral gr	asslands		
Quadrat Type			
Secondary			
Quadrat Type Comment			
Used for photos by carpark			
Quadrat Number	Q1		
X Coordinate		512455	
Y Coordinate		842386	
Survey Date		7 th July 2018	
Surveyor		AT	
Substrate		Sand/Soil on Shale rock	
Stability		Semi solid	
Substrate Depth (cm)		10cm	
Slope Degrees		5	
Aspect		W	
Water Table Depth (cm)	N/A		
Comments on Hydrology			
Quadrat Management	Adja	cent to the carpark	
Adjacent Landuse	Graz	•	
Grazing Comments	Shee	p and cattle. Not on site	
General Faunal Observations		.1 2	
Peregrine falcon hunting along cliff		ss the site.	
Structured Quadrat Cover Valu	` '	Litter Cover	0
Total Vegetation Cover	100	Litter Cover	0
Tree Cover Shrub Cover	0 0	Algae Cover Rock Cover	0 0
Herb Grass Cover	100	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
2.70011710 00101			
Height of Vegetation (cm)	10	Height Shrub Layer (cm)	
Height Tree Layer (m)	0	Height Herb Layer (cm)	10
Species Latin Name	•		Species cover (Domin)
Festuca Rubra	Red Fescue		9
Armeria maritima	Sea Pink		4
Hypochaeris radicata	Catsear		3
Plantago lanceolatta	Plaintain		1

Downpatrick Head		Site & Quadrat Numb	er: DPH-Q2	
Quadrat Description				
Just off desire line trail				
Quadrat Comments				
N/A				
Habitat Type				
GS1 Dry Calcareous Grassland				
Quadrat Type				
Secondary				
Quadrat Type Comment	lina			
Directly adjacent to marked desire	iine			
Quadrat Number	Q2			
X Coordinate		512397		
Y Coordinate		842450		
Survey Date		7 th July 2018		
Surveyor		AT		
Substrate		Sand/Soil		
Stability		Semi Solid		
Substrate Depth (cm)		10		
Slope Degrees		3		
Aspect		SW		
Water Table Depth (cm)	N/A			
Comments on Hydrology				
Quadrat Management	N/A			
Adjacent Landuse	Grazi	_		
Grazing Comments	Shee	p and cattle adjacent (fer	nced off)	
General Faunal Observations N/A				
Structured Quadrat Cover Valu				
Total Vegetation Cover	100	Litter Cover	0	
Tree Cover	0	Algae Cover	0	
Shrub Cover	0	Rock Cover	0	
Herb Grass Cover Bryophyte Cover	100 0	Bare Peat/Soil Cover	0	
bryopriyte Cover	U	Open Water Cover	U	
Height of Vegetation (cm)	10	Height Shrub Layer (cm	•	
Height Tree Layer (m)	0	Height Herb Layer (cm)	10	
Species Latin Name	Species E	nglish Name	Species cover (Dom	nin)
Festuca sp.	Fescue		8	
Carrix sp	Sedge sp		2	
Plantago lanceolatta	Plantain		2	
Phleum pratense	Timothy		2	
Trifolium repens	White clove		4	

Downpatrick Head		Site & Quadrat Numb	er: DPH-Q3	
Quadrat Description				
Just off desire line trail				
Quadrat Comments				
N/A				
Habitat Type				
GS1 Dry Calcareous Grassland				
Quadrat Type				
Core				
Quadrat Type Comment Directly adjacent to marked desire li	ne			
Quadrat Number	Q3			
X Coordinate		512369		
Y Coordinate		842595		
Survey Date		7 th July 2018		
Surveyor		AT		
Substrate		Sand/Soil		
Stability		Semi Solid		
Substrate Depth (cm)		10		
Slope Degrees		3		
Aspect		SW		
Water Table Depth (cm) Comments on Hydrology	N/A			
	N/A			
Comments on Hydrology		ing		
Comments on Hydrology Quadrat Management	N/A Grazi	ing p and cattle adjacent (fen	ced off)	
Quadrat Management Adjacent Landuse Grazing Comments General Faunal Observations	N/A Grazi	5	ced off)	
Quadrat Management Adjacent Landuse Grazing Comments	N/A Grazi Shee	5	ced off)	
Quadrat Management Adjacent Landuse Grazing Comments General Faunal Observations N/A	N/A Grazi Shee	5	ced off)	
Quadrat Management Adjacent Landuse Grazing Comments General Faunal Observations N/A Structured Quadrat Cover Value	N/A Grazi Shee	p and cattle adjacent (fen	<u> </u>	
Quadrat Management Adjacent Landuse Grazing Comments General Faunal Observations N/A Structured Quadrat Cover Value Total Vegetation Cover Tree Cover Shrub Cover	N/A Grazi Shee es (%) 100 0	p and cattle adjacent (fen Litter Cover Algae Cover Rock Cover	0	
Quadrat Management Adjacent Landuse Grazing Comments General Faunal Observations N/A Structured Quadrat Cover Value Total Vegetation Cover Tree Cover Shrub Cover Herb Grass Cover	N/A Grazi Shee 2s (%) 100 0 0 100	p and cattle adjacent (fen Litter Cover Algae Cover Rock Cover Bare Peat/Soil Cover	0 0	
Quadrat Management Adjacent Landuse Grazing Comments General Faunal Observations N/A Structured Quadrat Cover Value Total Vegetation Cover Tree Cover Shrub Cover	N/A Grazi Shee es (%) 100 0	p and cattle adjacent (fen Litter Cover Algae Cover Rock Cover	0 0 0	
Quadrat Management Adjacent Landuse Grazing Comments General Faunal Observations N/A Structured Quadrat Cover Value Total Vegetation Cover Tree Cover Shrub Cover Herb Grass Cover Bryophyte Cover	N/A Grazi Shee ss (%) 100 0 100 0	Litter Cover Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover	0 0 0 0	
Quadrat Management Adjacent Landuse Grazing Comments General Faunal Observations N/A Structured Quadrat Cover Value Total Vegetation Cover Tree Cover Shrub Cover Herb Grass Cover	N/A Grazi Shee 2s (%) 100 0 0 100	p and cattle adjacent (fen Litter Cover Algae Cover Rock Cover Bare Peat/Soil Cover	0 0 0 0	
Quadrat Management Adjacent Landuse Grazing Comments General Faunal Observations N/A Structured Quadrat Cover Value Total Vegetation Cover Tree Cover Shrub Cover Herb Grass Cover Bryophyte Cover Height of Vegetation (cm)	N/A Grazi Shee 100 0 100 0	Litter Cover Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover Height Shrub Layer (cm) Height Herb Layer (cm)	0 0 0 0 0	Domin)
Quadrat Management Adjacent Landuse Grazing Comments General Faunal Observations N/A Structured Quadrat Cover Value Total Vegetation Cover Tree Cover Shrub Cover Herb Grass Cover Bryophyte Cover Height of Vegetation (cm) Height Tree Layer (m) Species Latin Name Festuca sp.	N/A Grazi Shee s (%) 100 0 100 0 100 0 Species E	Litter Cover Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover Height Shrub Layer (cm) Height Herb Layer (cm)	0 0 0 0 0 0 10 Species cover (I	Domin)
Quadrat Management Adjacent Landuse Grazing Comments General Faunal Observations N/A Structured Quadrat Cover Value Total Vegetation Cover Tree Cover Shrub Cover Herb Grass Cover Bryophyte Cover Height of Vegetation (cm) Height Tree Layer (m) Species Latin Name Festuca sp. Carrix sp	N/A Grazi Shee s (%) 100 0 100 0 10 0 Species E Fescue Sedge sp	Litter Cover Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover Height Shrub Layer (cm) Height Herb Layer (cm)	0 0 0 0 0 0 10 Species cover (I 8	Domin)
Quadrat Management Adjacent Landuse Grazing Comments General Faunal Observations N/A Structured Quadrat Cover Value Total Vegetation Cover Tree Cover Shrub Cover Herb Grass Cover Bryophyte Cover Height of Vegetation (cm) Height Tree Layer (m) Species Latin Name Festuca sp. Carrix sp Plantago lanceolatta	N/A Grazi Shee s (%) 100 0 100 0 10 0 Species E Fescue Sedge sp Plantain	Litter Cover Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover Height Shrub Layer (cm) Height Herb Layer (cm)	0 0 0 0 0 0 0 10 Species cover (I	Domin)
Quadrat Management Adjacent Landuse Grazing Comments General Faunal Observations N/A Structured Quadrat Cover Value Total Vegetation Cover Tree Cover Shrub Cover Herb Grass Cover Bryophyte Cover Height of Vegetation (cm) Height Tree Layer (m) Species Latin Name Festuca sp. Carrix sp Plantago lanceolatta Phleum pratense	N/A Grazi Shee Shee 100 0 100 0 100 0 Species E Fescue Sedge sp Plantain Timothy	Litter Cover Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover Height Shrub Layer (cm) Height Herb Layer (cm)	0 0 0 0 0 0 10 Species cover (I 8 5 3	Domin)
Quadrat Management Adjacent Landuse Grazing Comments General Faunal Observations N/A Structured Quadrat Cover Value Total Vegetation Cover Tree Cover Shrub Cover Herb Grass Cover Bryophyte Cover Height of Vegetation (cm) Height Tree Layer (m) Species Latin Name Festuca sp. Carrix sp Plantago lanceolatta Phleum pratense Trifolium repens	N/A Grazi Shee s (%) 100 0 100 0 10 0 Species E Fescue Sedge sp Plantain Timothy White clove	Litter Cover Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover Height Shrub Layer (cm) Height Herb Layer (cm)	0 0 0 0 0 0 10 Species cover (I 8 5 3 2	Domin)
Quadrat Management Adjacent Landuse Grazing Comments General Faunal Observations N/A Structured Quadrat Cover Value Total Vegetation Cover Tree Cover Shrub Cover Herb Grass Cover Bryophyte Cover Height of Vegetation (cm) Height Tree Layer (m) Species Latin Name Festuca sp. Carrix sp Plantago lanceolatta Phleum pratense	N/A Grazi Shee Shee 100 0 100 0 100 0 Species E Fescue Sedge sp Plantain Timothy	Litter Cover Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover Height Shrub Layer (cm) Height Herb Layer (cm)	0 0 0 0 0 0 10 Species cover (I 8 5 3	Domin)

Downpatrick Head		Site & Quadrat Numb	er: DPH-Q4
Quadrat Description			
Just off desire line trail			
Quadrat Comments			
N/A			
Habitat Type			
GA1 Improved agricultural grassland			
Quadrat Type			
Core			
Quadrat Type Comment N/A			
Quadrat Number	Q4		
X Coordinate		512387	
Y Coordinate		842681	
Survey Date		7 th July 2018	
Surveyor		AT	
Codestonate		C 1/C-:1	
Substrate		Sand/Soil Semi Solid	
Stability Substrate Depth (cm)		10	
Slope Degrees		3	
Aspect		3	
Water Table Depth (cm)	Belov	w Surface	
Comments on Hydrology	-		
Quadrat Management	Tour	ism	
Adjacent Landuse	Grazi	ing	
Grazing Comments	Cattle	e	
General Faunal Observations	-		
Structured Quadrat Cover Value	s (%)		
Total Vegetation Cover	100	Total Vegetation Cover	100
Tree Cover	0	Tree Cover	0
Shrub Cover	0	Shrub Cover	0
Herb Grass Cover	100	Herb Grass Cover	100
Bryophyte Cover	0	Bryophyte Cover	0
Height of Vegetation (cm)	10	Height of Vegetation (cn	n) 10
Height Tree Layer (m)	0	Height Tree Layer (m)	0
Species Latin Name	Species E	nglish Name	Species cover (Domin)
Plantago lanceolatta	Plantain		3
Phleum pratense	Timothy		8
Trifolium repens	White clove	er	2

Downpatrick Head		Site & Quadrat Numb	er: DPH-Q5
Quadrat Description			
Just off desire line trail			
Quadrat Comments			
N/A			
Habitat Type			
GA2 Amenity grassland (improved)			
Quadrat Type			
Secondary			
Quadrat Type Comment			
N/A			
Quadrat Number	Q5		
X Coordinate		512407	
Y Coordinate		842693	
Survey Date		7 th July 2018	
Surveyor		AT	
Substrate		Sand/Soil	
Stability		Semi Solid	
Substrate Depth (cm)		10	
Slope Degrees		3	
Aspect			
Water Table Depth (cm)	Belov	v Surface	
Comments on Hydrology	-		
Quadrat Management	Tour	sm	
Adjacent Landuse	Grazi		
Grazing Comments	Cattl	e	
General Faunal Observations	-		
Structured Quadrat Cover Value	es (%)		
Total Vegetation Cover	100		100
Tree Cover	0	Tree Cover	0
Shrub Cover	0	Shrub Cover	0
Herb Grass Cover	100	Herb Grass Cover	100
Bryophyte Cover	0	Bryophyte Cover	0
Height of Vegetation (cm)	10	Height of Vegetation (cn	-
Height Tree Layer (m)	0	Height Tree Layer (m)	0
Species Latin Name		nglish Name	Species cover (Domin)
Plantago lanceolatta	Plantain		3
Phleum pratense	Timothy		5
Trifolium repens Dactylis glomerata	White clove		2
" , .	Cocksfoot		5

Downpatrick Head		Site & Quadrat Number	er: DPH-Q6
Quadrat Description			
Just off desire line trail			
Quadrat Comments			
N/A			
Habitat Type			
GA1 Improved agricultural grasslan	d		
Quadrat Type			
Core			
Quadrat Type Comment N/A			
Quadrat Number	Q6		
•		512384	
X Coordinate		842718	
Y Coordinate			
Survey Date		7 th July 2018	
Surveyor		AT	
Substrate		Sand/Soil	
Stability		Semi Solid	
Substrate Depth (cm)		10	
Slope Degrees		3	
Aspect			
Water Table Depth (cm)	Belov	v Surface	
Comments on Hydrology	-		
Quadrat Management	Touri	sm	
Adjacent Landuse	Grazi		
Grazing Comments	Cattle	e	
General Faunal Observations	-		
Structured Quadrat Cover Value	es (%)		
Total Vegetation Cover	100	_	100
Tree Cover	0	Tree Cover	0
Shrub Cover	0	Shrub Cover	0
Herb Grass Cover	100	Herb Grass Cover	100
Bryophyte Cover	0	Bryophyte Cover	0
Height of Vegetation (cm)	10	Height of Vegetation (cm	n) 10
Height Tree Layer (m)	0	Height Tree Layer (m)	0
Species Latin Name	Species E	nglish Name	Species cover (Domin)
Plantago lanceolatta	Plantain		3
Phleum pratense	Timothy		5
	White clove	er .	2
Trifolium repens	Wille Clove		5

Downpatrick Head		Site & Quadrat Number	er: DPH-Ç	27
Quadrat Description				
Just off desire line trail				
Quadrat Comments				
N/A				
Habitat Type				
GS1 Dry calcareous and neutral grassl	and			
Quadrat Type				
Core				
Quadrat Type Comment N/A				
Quadrat Number	Q7			
X Coordinate		512348		
Y Coordinate		842797		
Survey Date		7 th July 2018		
Surveyor		AT		
Substrate		Sand/Soil		
Stability		Semi Solid		
Substrate Depth (cm)		10		
Slope Degrees		3		
Aspect				
Water Table Depth (cm)	Belov	v Surface		
Comments on Hydrology	-			
Quadrat Management	Tour	ism		
Adjacent Landuse	Grazi	ing		
Grazing Comments	Cattle	е		
General Faunal Observations	-			
Structured Quadrat Cover Values	(%)			
Total Vegetation Cover	100	Total Vegetation Cover	100	
Tree Cover	0	Tree Cover	0	
Shrub Cover	100	Shrub Cover	0	
Herb Grass Cover Bryophyte Cover	100 0	Herb Grass Cover Bryophyte Cover	100 0	
bi yopi iyte covei	U	bi yopiiyte Covei	U	
Height of Vegetation (cm)	10	Height of Vegetation (cm	n) 10	
Height Tree Layer (m)	0	Height Tree Layer (m)	0	
Species Latin Name	Species E	nglish Name	Species cove	r (Domin)
	Red Fescue		9	
	Sea Pink		4	
Hypochaeris radicata (Catsear		3	
71				

Downpatrick Head		Site & Quadrat Numb	er: DPH-Q8
Quadrat Description			
Just off desire line trail			
Quadrat Comments			
N/A			
Habitat Type			
GS1 Dry calcareous and neutral gra	assland		
Quadrat Type			
Core			
Quadrat Type Comment N/A			
Quadrat Number	Q8		
X Coordinate		512356	
Y Coordinate		842851	
Survey Date		7 th July 2018	
Surveyor		AT	
•			
Substrate		Sand/Soil	
Stability		Semi Solid	
Substrate Depth (cm)		10	
Slope Degrees		3	
Aspect			
Water Table Depth (cm)	Belov	w Surface	
Comments on Hydrology	-		
Quadrat Management	Tour	ism	
Adjacent Landuse	Grazi		
Grazing Comments	Cattl	-	
General Faunal Observations	-		
Structured Quadrat Cover Valu	es (%)		
Total Vegetation Cover	100	Total Vegetation Cover	100
Tree Cover	0	Tree Cover	0
Shrub Cover	0	Shrub Cover	0
Herb Grass Cover	100	Herb Grass Cover	100
Bryophyte Cover	0	Bryophyte Cover	0
Height of Vegetation (cm)	10	Height of Vegetation (cm	n) 10
Height Tree Layer (m)	0	Height Tree Layer (m)	0
Species Latin Name	Species E	nglish Name	Species cover (Domin)
Festuca Rubra	Red Fescue		9
Armeria maritima	Sea Pink		4
	Catsear		3
Hypochaeris radicata	Catseal		<u> </u>
Hypochaeris radicata Plantago lanceolatta	Plaintain		1

Downpatrick Head		Site & Quadrat Numb	er: DPH-Q9
Quadrat Description			
Just off desire line trail			
Quadrat Comments			
N/A			
Habitat Type			
GA2 Amenity grassland (improved)			
Quadrat Type			
Secondary			
Quadrat Type Comment N/A			
Quadrat Number	Q9		
X Coordinate		512444	
Y Coordinate		842825	
Survey Date		7 th July 2018	
Surveyor		AT	
-			
Substrate		Sand/Soil	
Stability		Semi Solid	
Substrate Depth (cm)		10	
Slope Degrees		3	
Aspect			
Water Table Depth (cm)	Belov	v Surface	
Comments on Hydrology	-		
Quadrat Management	Touri	sm	
Adjacent Landuse	Grazi	ng	
Grazing Comments	Cattle	9	
General Faunal Observations	-		
Structured Quadrat Cover Value	s (%)		
Total Vegetation Cover	100	Total Vegetation Cover	100
Tree Cover	0	Tree Cover	0
Shrub Cover	0	Shrub Cover	0
Herb Grass Cover	100	Herb Grass Cover	100
Bryophyte Cover	0	Bryophyte Cover	0
Height of Vegetation (cm)	10	Height of Vegetation (cn	n) 10
Height Tree Layer (m)	0	Height Tree Layer (m)	0
Species Latin Name	Species En	nglish Name	Species cover (Domin)
Lolium pereni	Perenneal r		5
Dactulic alamorata	Cocksfoot		8
Dactylis glomerata			
Dactylis giomerata			
Dactylis giomerata			

Downpatrick Head		Site & Quadrat Numb	er:	DPH-Q10
Quadrat Description				
Just off desire line trail				
Quadrat Comments				
N/A				
Habitat Type				
GS1 Dry calcareous and neutral gra	assland			
Quadrat Type				
Core				
Quadrat Type Comment N/A				
Quadrat Number	Q10			
X Coordinate		512475		
Y Coordinate Y Coordinate		842939		
Survey Date		7 th July 2018		
Surveyor		AT		
•				
Substrate		Sand/Soil		
Stability		Semi Solid		
Substrate Depth (cm)		10		
Slope Degrees		3		
Aspect				
Water Table Depth (cm)	Belov	v Surface		
Comments on Hydrology	-			
Quadrat Management	Touri	sm		
Adjacent Landuse	Grazi			
Grazing Comments	Cattle	e		
General Faunal Observations	-	General Fa	aunal	-
		Observations		
Structured Quadrat Cover Valu	es (%)			
Total Vegetation Cover	100	Total Vegetation Cover		100
Tree Cover	0	Tree Cover		0
Shrub Cover	0	Shrub Cover		0
Herb Grass Cover	100	Herb Grass Cover		100
Bryophyte Cover	0	Bryophyte Cover		0
Height of Vegetation (cm)	10	Height of Vegetation (cr	n)	10
Height Tree Layer (m)	0	Height Tree Layer (m)	·	0
Species Latin Name	Species E	nglish Name	Speci	es cover (Domin)
Festuca Rubra	Red Fescue		9	
Armeria maritima	Sea Pink		4	
Hypochaeris radicata	Catsear		3	
Plantago lanceolatta	Plaintain		1	

Downpatrick Head		Site & Quadrat Numbe	er: DPH-Q11
Quadrat Description			
Just off desire line trail			
Quadrat Comments			
N/A			
Habitat Type			
GS1 Dry calcareous and neutral gr	assland		
Quadrat Type			
Core			
Quadrat Type Comment N/A			
Quadrat Number	Q11		
X Coordinate		512641	
Y Coordinate Y Coordinate		842899	
Survey Date		7 th July 2018	
Surveyor		AT	
•			
Substrate		Sand/Soil	
Stability		Semi Solid	
Substrate Depth (cm)		10	
Slope Degrees		3	
Aspect			
Water Table Depth (cm)	Belov	v Surface	
Comments on Hydrology	-		
Quadrat Management	Touri	sm	
Adjacent Landuse	Grazi	ng	
Grazing Comments	Cattle	е	
General Faunal Observations	-		
Structured Quadrat Cover Valu	ıes (%)		
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	100	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	10	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	10
Species Latin Name	Species Eng	glish Name S	Species cover (Domin)
Festuca Rubra	Red Fescue		
Armeria maritima	Sea Pink	4	
Hypochaeris radicata	Catsear	3	
Plantago lanceolatta	Plaintain	efoil 1	
	Birdsfoot tr		

Downpatrick Head		Site & Quadrat Numb	er: DPH-Q12
Quadrat Description			
Just off desire line trail			
Quadrat Comments			
N/A			
Habitat Type			
GA2 Amenity grassland (improved			
Quadrat Type			
Secondary			
Quadrat Type Comment N/A			
Quadrat Number	Q12		
X Coordinate		512647	
Y Coordinate		842859	
Survey Date		7 th July 2018	
Surveyor		AT ,	
Substrate		Sand/Soil	
Stability		Semi Solid	
Substrate Depth (cm)		10	
Slope Degrees		3	
Aspect			
Water Table Depth (cm) Comments on Hydrology	Belov -	v Surface	
Quadrat Management	Tour	cm	
Adjacent Landuse	Grazi		
Grazing Comments	Cattle	_	
General Faunal Observations	-		
Structured Quadrat Cover Value	es (%)		
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	100	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	10	Height Shrub Layer (cm	
Height Tree Layer (m)	0	Height Herb Layer (cm)	10
Species Latin Name		nglish Name	Species cover (Domin
Lolium pereni	Perenneal i	yegrass	5
Dactylis glomerata	Cocksfoot		8
			

Quadrat Description Grassy verge next to the carpark/layb Quadrat Comments Partially on the roadside, narrow verg Habitat Type GS2 Dry meadows and grassy verges Quadrat Type	•		
Quadrat Comments Partially on the roadside, narrow verg Habitat Type GS2 Dry meadows and grassy verges	•		
Partially on the roadside, narrow verg Habitat Type GS2 Dry meadows and grassy verges	ie		
Habitat Type GS2 Dry meadows and grassy verges	e		
GS2 Dry meadows and grassy verges			
Quadrat Type			
Core			
Quadrat Type Comment			
N/A			
Quadrat Number		Q1	
X Coordinate		569994	
Y Coordinate Y Coordinate		858115	
Survey Date		29 th July 2018	
Surveyor		AT	
Substrate	Soil		
Stability	Firm		
Substrate Depth (cm)	-		
Slope Degrees	5		
Aspect	E		
Water Table Depth (cm)	Belo	w surface	
Comments on Hydrology	-		
Quadrat Management	Road	dside	
Adjacent Landuse	Graz	ing	
Grazing Comments	-		
General Faunal Observations		-	
Structured Quadrat Cover Values		Lithau Carray	
Total Vegetation Cover Tree Cover	50 0	Litter Cover	0 0
Tree Cover Shrub Cover	0 0	Algae Cover Rock Cover	50
Herb Grass Cover	50	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	15	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	15
Species Latin Name	Species E		Species cover
Anthoxanthum odoratum	Sweet Veri		(Domin)
	Broad leaf		2

Mullaghmore Head		Site & Quadrat Numbe	r: MM-Q2
Quadrat Description Grass patch between the carpark a Quadrat Comments	nd the cliff ed	lge	
N/A			
Habitat Type			
GS1 Dry calcareous and neutral gra	assland		
Quadrat Type			
Core			
Quadrat Type Comment			
N/A			
Quadrat Number		Q2	
X Coordinate		569969	
Y Coordinate		858104	
Survey Date		29 th July 2018	
Surveyor		AT	
Surveyor		7.1	
Substrate		Sand/Soil	
Stability		Semi Solid	
Substrate Depth (cm)		10	
Slope Degrees		3	
Aspect			
Water Table Donth (cm)	Polo	v Surface	
Water Table Depth (cm) Comments on Hydrology	- Dei0\	v Surface	
Comments on Hydrology	_		
Quadrat Management	Tour	sm	
Adjacent Landuse	Grazi	ng	
Grazing Comments	Cattle	e	
General Faunal Observations	-		
Structured Quadrat Cover Valu	es (%)		
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	100	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	10	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	10
rieighe riee zayer (m)	Ü	rieight rieib Layer (em)	10
Species Latin Name	Species Eng	glish Name S	pecies cover (Domin)
Festuca Rubra	Red Fescue		
Armeria maritima	Sea Pink	4	
Hypochaeris radicata	Catsear	3	
Plantago lanceolatta	Plaintain	1	
Lotus corniculatus	Birdsfoot tr	efoil 3	

Mullaghmore Head		Site & Quadrat Numb	er: MM-Q3
Quadrat Description			
Grass verge on the landward roadside	9		
Quadrat Comments			
N/A			
Habitat Type			
GS2 Dry meadows and grassy verges			
Quadrat Type			
Core			
Quadrat Type Comment			
N/A			
Quadrat Number		Q3	
X Coordinate		569946	
Y Coordinate		858065	
Survey Date		29 th July 2018	
Surveyor		AT	
Substrate		Soil	
Stability		Firm	
Substrate Depth (cm)		-	
Slope Degrees		5	
Aspect		Ē	
Water Table Depth (cm)	Belo	w surface	
Comments on Hydrology	-		
Quadrat Management	Road	dside	
Adjacent Landuse	Graz		
Grazing Comments	-		
General Faunal Observations			
Structured Quadrat Cover Values	(%)		
Total Vegetation Cover	50	Total Vegetation Cover	50
Tree Cover	0	Tree Cover	0
Shrub Cover	0	Shrub Cover	0
Herb Grass Cover	50	Herb Grass Cover	50
Bryophyte Cover	0	Bryophyte Cover	0
Height of Vegetation (cm)	15	Height of Vegetation (cr	n) 15
Height Tree Layer (m)	0	Height Tree Layer (m)	0
	Species E	nglish Name	Species cover (Domin
Anthoxanthum odoratum	Sweet Ver	nal Grass	6
Rumex obtusifolius	Broad leaf	dock	2

Mullaghmore Head		Site & Quadrat Numb	er: MM-Q4
Quadrat Description			
Steep slope leading down to the ex Quadrat Comments	kposed rocks	at low tide	
-	:L C		
Erosion damage is evident from de	nsity of use		
Habitat Type HH1 Dry siliceous heath			
Quadrat Type			
Secondary			
Quadrat Type Comment			
N/A			
Quadrat Number		Q4	
X Coordinate		569913	
Y Coordinate		858066	
Survey Date		29 th July 2018	
Surveyor		AT	
Substrate		Soil/Peat	
Stability		Compact	
Substrate Depth (cm)		-	
Slope Degrees		35	
Aspect		W	
Water Table Depth (cm)	Belo	w Surface	
Comments on Hydrology	-		
Quadrat Management	Toui	rism	
Adjacent Landuse	Graz	ring	
Grazing Comments	-		
General Faunal Observations	-		
Structured Quadrat Cover Valu	es (%)		
Total Vegetation Cover	20	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	20	Bare Peat/Soil Cover	80
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	10	Height Shrub Layer (cm)) 0
Height Tree Layer (m)	0	Height Herb Layer (cm)	10
Species Latin Name	Species E	nglish Name	Species cover (Domin)
Agrostis sp.	Bent		5

5	MM-Q5	Site & Quadrat Number:		1ullaghmore Head
				Quadrat Description
			ne.	Exposed rocks at low tide, flat plan
				Quadrat Comments
				N/A
				labitat Type
				R1 Exposed rocky shores
				Quadrat Type
				Secondary
				Quadrat Type Comment
				Ñ/A
		Q5		Quadrat Number
		569892		(Coordinate
		858074		Coordinate
		29th July 2018		Survey Date
		AT		Surveyor
				-
		Rock		Substrate
		-		Stability
		-		Substrate Depth (cm)
		0		Slope Degrees
		-		Aspect
			Tida	Water Table Depth (cm)
		r exposed rocks	Uppe	Comments on Hydrology
			-	Quadrat Management
			-	Adjacent Landuse
			-	Grazing Comments
		-		General Faunal Observations
			ues (%)	Structured Quadrat Cover Valu
	0	Litter Cover	0	Total Vegetation Cover
	0	Algae Cover	0	Tree Cover
	100	Rock Cover	0	Shrub Cover
	0	Bare Peat/Soil Cover	0	Herb Grass Cover
	0	Open Water Cover	0	Bryophyte Cover
	0	Height Shrub Layer (cm)	0	Height of Vegetation (cm)
	0	Height Herb Layer (cm)	0	Height Tree Layer (m)
r (Domin	cies cover (nglish Name Spec	Species E	Species Latin Name
		-	-	

Mullaghmore Head	Site & Quadrat Number:	MM-Q6

Quadrat Description

GS1 Dry calcareous and neutral grassland

Quadrat Comments

Devils bit scabious adjacent to the desire line with 6 spot burnet moth present

Habitat Type

GS1 Dry calcareous and neutral grassland

Quadrat Type

Secondary

Tree Cover

Shrub Cover

Herb Grass Cover

Bryophyte Cover

Height of Vegetation (cm)

Height Tree Layer (m)

Quadrat Type Comment

N/A

,		
Quadrat Number	Q6	
X Coordinate	569874	
Y Coordinate	858019	
Survey Date	29 th July 2018	
Surveyor	AT	
Substrate	Peat	
Stability	Firm	
Substrate Depth (cm)	-	
Slope Degrees	0	
Aspect	-	
Water Table Depth (cm)	Below surface	
Comments on Hydrology	None	
Quadrat Management	Tourism	
Adjacent Landuse	Grazing	
Grazing Comments	n/a	
General Faunal Observations		
6 spot burnet moth abundant on site		
Structured Quadrat Cover Values (%	(o)	
Total Vegetation Cover	100 Litter Cover	0

Species Latin Name	Species English Name	Species cover (Domin)
Succisa pratensis	Devils bitscabious	4
Festuca sp.	Fescue	7
Lotus corniculatus	Birdsfoot trefoil	3

0

0

0

45

0

100

Algae Cover

Rock Cover

Bare Peat/Soil Cover

Height Shrub Layer (cm)

Height Herb Layer (cm)

Open Water Cover

0

0

0

0

0

45

Mullaghmore Head		Site & Quadrat Numb	er: MM-Q7	
Quadrat Description				
Clifftop heath overlooking the ocean				
Quadrat Comments				
N/A				
Habitat Type				
HH1 Dry siliceous heath				
Quadrat Type				
Secondary				
Quadrat Type Comment				
N/A				
Quadrat Number		Q7		
X Coordinate		569813		
Y Coordinate		858051		
Survey Date		29th July 2018		
Surveyor		AT		
Substrate		Peat		
Stability		Firm		
Substrate Depth (cm)				
Slope Degrees		<5		
Aspect		East		
Water Table Depth (cm)	Belov	w surface		
Comments on Hydrology	None			
Quadrat Management	Shee	p Grazing		
Adjacent Landuse	Tour	ist Use and Grazing		
Grazing Comments	Shee	p grazing comanage		
General Faunal Observations				
Structured Quadrat Cover Values	(%)			
Total Vegetation Cover		Litter Cover	0	
Tree Cover	0	Algae Cover	0	
Shrub Cover	80	Rock Cover	0	
Herb Grass Cover	30	Bare Peat/Soil Cover	0	
Bryophyte Cover	0	Open Water Cover	0	
Height of Vegetation (cm)	15	Height Shrub Layer (cm		
Height Tree Layer (m)	0	Height Herb Layer (cm)	15	
•	-	nglish Name	Species cover	(Domin)
3 ,	Bent		5	
	Ling Heath		6	
	Carnation S	Sedge	4	
Carex sp.	Sedge		3	

Mullaghmore Head		Site & Quadrat Numb	er:	MM-Q8
Quadrat Description				
Clifftop heath overlooking the ocean	n			
Quadrat Comments				
N/A				
Habitat Type				
HH1 Dry siliceous heath				
Quadrat Type				
Secondary				
Quadrat Type Comment				
N/A				
Quadrat Number		Q8		
X Coordinate		569837		
Y Coordinate		858076		
Survey Date		29 th July 2018		
Surveyor		AT		
Substrata		Peat		
Substrate Stability		Firm		
Substrate Depth (cm)		1 11111		
Slope Degrees		<5		
Aspect		East		
7. Special		2400		
Water Table Depth (cm)	Belov	w surface		
Comments on Hydrology	None			
Quadrat Management	Shee	p Grazing		
Adjacent Landuse		ist Use and Grazing		
Grazing Comments	Shee	p grazing comanage		
General Faunal Observations				
Structured Quadrat Cover Value	es (%)			
Total Vegetation Cover		Litter Cover		40
Tree Cover	0	Algae Cover		0
Shrub Cover	80	Rock Cover		0
Herb Grass Cover	30	Bare Peat/Soil Cover		0
Bryophyte Cover	<5	Open Water Cover		0
Height of Vegetation (cm)	20	Height Shrub Layer (cm)	20
Height Tree Layer (m)	0	Height Herb Layer (cm)		20
Species Latin Name	Species E	nglish Name	Species	s cover (Domin)
Agrostis sp.	Bent		5	
Calluna vulgaris	Ling Heath	er	6	
			•	
Carex panicea	Carnation S	sedge	4	

<u> </u>		
QI		
	555787	
	875685	
	14 th August 2018	
	AT	
	Peat	
	Firm	
	5	
	N	
Belo	W	
N/A		
N/A		
-	ring	
	_	
	, 5	
(%)		
0	Litter Cover	0
0	Algae Cover	0
0		0
0	•	0
0	Open Water Cover	0
0	Height Shrub Layer (cm)) 0
0	Height Herb Layer (cm)	0
	inglish Name	Species cover (Domin
_	N/A N/A Graz Shee (%) 0 0 0 0	555787 875685 14th August 2018 AT Peat Firm 5 N Below N/A N/A Grazing Sheep grazing (%) 0 Litter Cover 0 Algae Cover 0 Algae Cover 0 Rock Cover 0 Bare Peat/Soil Cover 0 Open Water Cover 0 Height Shrub Layer (cm)

Sliabh Liag	Site & Qua	adrat Number:	SL-Q2
Quadrat Description Adjacent to the carpark, above the Quadrat Comments	ne high embankment		
N/A			
Habitat Type			
GS3 Dry-humid acid grassland			
Quadrat Type			
Core Quadrat Type Comment			
N/A			
Quadrat Number	Q2		
X Coordinate	555824		
Y Coordinate Y Coordinate	875725		
Survey Date	14 th August	÷ 2018	
Surveyor	AT	2010	
Substrate	Peat		
Stability	Firm		
Substrate Depth (cm)			
Slope Degrees	5		
Aspect	N		
Water Table Depth (cm)	Below		
Comments on Hydrology	N/A		
Quadrat Management	Grazing		
Adjacent Landuse	Grazing		
Grazing Comments	Sheep grazing		
General Faunal Observations N/A			
Structured Quadrat Cover Val	ues (%)		
Total Vegetation Cover	100 Litter Cove	r	0
Tree Cover	0 Algae Cove		0
Shrub Cover	100 Rock Cover		0
Herb Grass Cover	0 Bare Peat/S		0
Bryophyte Cover	0 Open Wate	er Cover	0
Height of Vegetation (cm)	40 Height Shru	ub Layer (cm)	40
Height Tree Layer (m)		b Layer (cm)	0
Species Latin Name	Species English Nam	e Speci	es cover (Domin)
Agrostis stolonifera	Creeping Bent	5	
Anthoxanthum odoratum	Sweet Vernal-grass	5	
Cerastium fontanum	Common Mouse-ear	2	
	Sheep's-fescue	6	

Sliabh Liag		Site & Quadrat Numb	er: SL-Q3
Quadrat Description			
Adjacent to the path, above the e	mbankment		
Quadrat Comments			
N/A			
Habitat Type			
HH1 Dry siliceous heath			
Quadrat Type			
Secondary			
Quadrat Type Comment			
N/A			
Quadrat Number	Q3		
X Coordinate		555820	
Y Coordinate		875695	
Survey Date		14th August 2018	
Surveyor		AT	
Substrate		Peat	
Stability		Firm	
Substrate Depth (cm)			
Slope Degrees		5	
Aspect		N	
Water Table Depth (cm)	Belov	V	
Comments on Hydrology	N/A		
Quadrat Management	Grazi	ng	
Adjacent Landuse	Grazi	_	
Grazing Comments	Shee	p grazing	
General Faunal Observations N/A			
Structured Quadrat Cover Valu	ıes (%)		
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	100	Rock Cover	0
Herb Grass Cover	0	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	40	Height Shrub Layer (cm)	
Height Tree Layer (m)	0	Height Herb Layer (cm)	0
Species Latin Name			Species cover (Domin
Erica tetralix	Crossleave	d heath	10
Litea tetranix			
Erica tetranx			
Erica tetranx			

Sliabh Liag		Site & Quadrat Numb	er: SL-Q4
Quadrat Description			
Broader area near the cliff walk			
Quadrat Comments			
N/A			
Habitat Type			
HH1 Dry siliceous heath			
Quadrat Type			
Tertiary			
Quadrat Type Comment			
N/A			
Quadrat Number	Q4		
X Coordinate		555878	
Y Coordinate		875703	
Survey Date		14th August 2018	
Surveyor		AT	
Substrate		Peat	
Stability		Firm	
Substrate Depth (cm)			
Slope Degrees		Uneven	
Aspect		N/A	
Water Table Depth (cm)	Belov	N	
Comments on Hydrology	N/A		
Quadrat Management	Grazi	ing	
Adjacent Landuse	Grazi	ing	
Grazing Comments	Shee	p grazing	
General Faunal Observations N/A			
Structured Quadrat Cover Value	es (%)		
Total Vegetation Cover		Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	100	Rock Cover	0
Herb Grass Cover	0	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	40	Height Shrub Layer (cm	
Height Tree Layer (m)	0	Height Herb Layer (cm)	0
Species Latin Name	Species E	nglish Name	Species cover (Domin)
Pteridium aquilinum	Bracken		6
Erica tetralix	Cross Leave		7
Trichophorum cespitosum	Dear Grass		4
Ranunculus sp.	Buttercup		1

Sliabh Liag		Site & Quadrat Numb	er: SL-Q5
Quadrat Description			
Verge of the stone walkway			
Quadrat Comments			
N/A			
Habitat Type			
HH3 Wet heath			
Quadrat Type Core			
Quadrat Type Comment N/A			
Quadrat Number	Q5		
X Coordinate			
Y Coordinate			
Survey Date		14 th August 2018	
Surveyor		AT	
Substrate		Peat	
Stability		Firm	
Substrate Depth (cm)			
Slope Degrees		0	
Aspect		N/A	
Water Table Depth (cm)	Belo		
Comments on Hydrology	N/A		
Quadrat Management		zing	
Adjacent Landuse		zing	
Grazing Comments General Faunal Observations	She	ep grazing	
N/A Structured Quadrat Cover Valu	es (%)		
Total Vegetation Cover	0	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	20
Herb Grass Cover	0	Bare Peat/Soil Cover	80
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	0	Height Shrub Layer (cm)	
Height Tree Layer (m)	0	Height Herb Layer (cm)	0
Species Latin Name	Species I	English Name	Species cover (Domin
<u>-</u>	-		<u>-</u>

Sliabh Liag		Site & Quadrat Numb	er: SL-Q6
Quadrat Description Verge of the stone walkway Quadrat Comments			
Trampling from the narrow path ne Habitat Type	eding to be	wider for visitor numbers	
HH3 Wet heath Quadrat Type Core			
Quadrat Type Comment N/A			
Quadrat Number	Q6		
X Coordinate		555976	
Y Coordinate		875743	
Survey Date		14th August 2018	
Surveyor		AT	
Substrate		Peat	
Stability		Firm	
Substrate Depth (cm)		_	
Slope Degrees		0	
Aspect		N/A	
Water Table Depth (cm)	Belo	W	
Comments on Hydrology	N/A		
Quadrat Management	Graz	_	
Adjacent Landuse	Graz	_	
Grazing Comments	She	ep grazing	
General Faunal Observations N/A			
Structured Quadrat Cover Valu			
Total Vegetation Cover	0	Litter Cover	0
Tree Cover Shrub Cover	0 0	Algae Cover Rock Cover	0 20
Herb Grass Cover	0	Bare Peat/Soil Cover	80
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	0	Height Shrub Layer (cm)) 0
Height Tree Layer (m)	0	Height Herb Layer (cm)	0
Species Latin Name	Species E	inglish Name	Species cover (Domin)
-		-	<u>-</u>

Sliabh Liag		Site & Quadrat Numl	per: SL-Q7
Quadrat Description Adjacent to the carpark, above the Quadrat Comments N/A Habitat Type GS3 Dry-humid acid grassland	e high embank	rment	
Quadrat Type Core			
Quadrat Type Comment N/A			
Quadrat Number	Q7		
X Coordinate		555812	
Y Coordinate		875649	
Survey Date		14th August 2018	
Surveyor		AT	
Substrate		Peat	
Stability		Semi Firm	
Substrate Depth (cm)			
Slope Degrees		5	
Aspect		W	
Water Table Depth (cm)	Belov	N	
Comments on Hydrology	N/A		
Quadrat Management	Graz	ing	
Adjacent Landuse	Graz	ing	
Grazing Comments	Shee	p grazing	
General Faunal Observations N/A			
Structured Quadrat Cover Valu			
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	20	Rock Cover	0
Herb Grass Cover	80	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	40	Height Shrub Layer (cm	n) 40
Height Tree Layer (m)	0	Height Herb Layer (cm)	2
Species Latin Name	Species E	nglish Name	Species cover (Domin)
Festuca sp	Fescue		8
Juncus sp	Juncus		4
Hypochaeris glabra	Catsear		2

Sliabh Liag		Site & Quadrat Numb	er: SL-Q8
Quadrat Description			
Clifftop between the carpark and the clif	ff		
Quadrat Comments			
N/A			
Habitat Type			
GS1 Dry calcareous and neutral grasslar	nd		
Quadrat Type			
Secondary			
Quadrat Type Comment			
N/A			
Quadrat Number	Q8		
X Coordinate		555797	
Y Coordinate		875623	
Survey Date		14th August 2018	
Surveyor		AT	
Substrate		Peat	
Stability		Semi Firm	
Substrate Depth (cm)			
Slope Degrees		5	
Aspect		W	
Water Table Depth (cm)	Belov	v	
Comments on Hydrology	N/A		
Quadrat Management	Grazi	_	
Adjacent Landuse	Grazi	_	
Grazing Comments	Shee	p grazing	
General Faunal Observations N/A			
Structured Quadrat Cover Values (%)		
Total Vegetation Cover		Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	100	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	0	Height Shrub Layer (cm	•
Height Tree Layer (m)	0	Height Herb Layer (cm)	3
		nglish Name	Species cover (Domin
Festuca sp. Fes	scue		100

Sliabh Liag		Site & Quadrat Numl	ber:	SL-Q9
Quadrat Description				
Clifftop between the carpark and the clif	f			
Quadrat Comments				
N/A				
Habitat Type				
GS1 Dry calcareous and neutral grasslan	nd			
Quadrat Type				
Secondary				
Quadrat Type Comment				
N/A				
Quadrat Number	Q9			
X Coordinate		555828		
Y Coordinate		875595		
Survey Date		14th August 2018		
Surveyor		AT		
Substrate		Peat		
Stability		Semi Firm		
Substrate Depth (cm)				
Slope Degrees		5		
Aspect		W		
Water Table Depth (cm)	Belov	N		
Comments on Hydrology	N/A			
Quadrat Management	Grazi			
Adjacent Landuse	Grazi			
Grazing Comments	Shee	p grazing		
General Faunal Observations N/A				
Structured Quadrat Cover Values (9	%)			
Total Vegetation Cover	100	Litter Cover		0
Tree Cover	0	Algae Cover		0
Shrub Cover	10	Rock Cover		0
Herb Grass Cover	90	Bare Peat/Soil Cover		0
Bryophyte Cover	0	Open Water Cover		0
Height of Vegetation (cm)	25	Height Shrub Layer (cm		25
Height Tree Layer (m)	0	Height Herb Layer (cm))	3
Species Latin Name Sp	ecies E	nglish Name	Speci	es cover (Domin)
,	scue		9	
Juncus sp Jur	ncus		3	
Hypochaeris glabra Cat			2	

Fanad Head		Site & Quadrat Numb	er: FH-Q1
Quadrat Description			
Roadside verge			
Quadrat Comments			
Between the 2 carparks			
Habitat Type			
GS2 Dry meadows and grassy verges	5		
Quadrat Type			
Core Quadrat Type Comment			
N/A			
Quadrat Number	Q1		
X Coordinate		623204	
Y Coordinate		947686	
Survey Date		13th August 2018	
Surveyor		AT	
Cubatrata		Coil	
Substrate Stability		Soil Firm	
Substrate Depth (cm)		ГІІІІІ	
Slope Degrees		0	
Aspect		N/A	
		,	
Water Table Depth (cm)	Below	1	
Comments on Hydrology	N/A		
Quadrat Management	N/A		
Adjacent Landuse	N/A		
Grazing Comments	N/A		
General Faunal Observations			
N/A	(2/)		
Structured Quadrat Cover Value:	• •	Littor Cover	0
Total Vegetation Cover Tree Cover	0	Litter Cover Algae Cover	0 0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	100	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (em)		Hoight Church Lavan ()	<u> </u>
Height Troe Layor (m)	4	Height Horb Layer (cm)	
Height Tree Layer (m)	0	Height Herb Layer (cm)	4
Species Latin Name	Species En	glish Name	Species cover (Domin)
Aruncus dioicus	Goatsbeard		3
Phleum pratense	Timothy		8
Urtica dioica	Stinging net	tle	4

Fanad Head		Site & Quadrat Numb	er: FH-Q2
Quadrat Description			
Roadside verge			
Quadrat Comments			
Between the 2 carparks			
Habitat Type			
GS2 Dry meadows and grassy verge	S		
Quadrat Type			
Core			
Quadrat Type Comment N/A			
Quadrat Number	Q2		
X Coordinate		623177	
Y Coordinate		947708	
Survey Date		13 th August 2018	
Surveyor		AT	
Substrate		Soil	
Stability		Firm	
Substrate Depth (cm)			
Slope Degrees		0	
Aspect		N/A	
Water Table Depth (cm)	Below	1	
Comments on Hydrology	N/A		
Quadrat Management	N/A		
Adjacent Landuse	N/A		
Grazing Comments	N/A		
General Faunal Observations N/A			
Structured Quadrat Cover Value	s (%)		
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	100	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	4	Height Shrub Layer (cm)) 0
Height Tree Layer (m)	0	Height Herb Layer (cm)	4
Species Latin Name			Species cover (Domin)
Aruncus dioicus	Goatsbeard		3
Phleum pratense	Timothy		8
Urtica dioica	Stinging net	tle	4

Fanad Head		Site & Quadrat Numb	er: FH-Q3
Quadrat Description			
Adjacent to the desire line from the	e new carpark	to the public access view	ing point.
Quadrat Comments			
N/A			
Habitat Type			
GS1 Dry calcareous and neutral gr	assland		
Quadrat Type			
Secondary			
Quadrat Type Comment			
N/A			
Quadrat Number	Q3		
X Coordinate		623087	
Y Coordinate		947775	
Survey Date		13 th August 2018	
Surveyor		AT	
Surveyor		Al	
Substrate		Soil	
Stability		Firm	
Substrate Depth (cm)			
Slope Degrees		0	
Aspect		N/A	
•		•	
Water Table Depth (cm) Comments on Hydrology	Belov N/A	V	
Quadrat Management	N/A		
Adjacent Landuse	N/A		
Grazing Comments	N/A		
General Faunal Observations N/A			
Structured Quadrat Cover Valu	ies (%)		
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	Ö	Rock Cover	Ö
Herb Grass Cover	100	Bare Peat/Soil Cover	Ö
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	10	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	10
		- 3	
Species Latin Name			Species cover (Domin)
Festuca sp.	Fescue		100

Fanad Head		Site & Quadrat Number:	FH-Q4
Quadrat Description			_
Adjacent to the desire line from th	e new carpark	to the public access viewing	point.
Quadrat Comments			
N/A			
Habitat Type			
GS1 Dry calcareous and neutral gr	assland		
Quadrat Type	acciana		
Secondary			
Quadrat Type Comment			
N/A			
•			
Quadrat Number	Q4		
		947787	
X Coordinate		623182	
Y Coordinate		13th 1 2010	
Survey Date		13 th August 2018	
Surveyor		AT	
Substrate		Soil	
Stability		Firm	
Substrate Depth (cm)			
Slope Degrees		0	
Aspect		N/A	
Water Table Depth (cm)	Belov	N	
Comments on Hydrology	N/A		
, ,			
Quadrat Management	N/A		
Adjacent Landuse	N/A		
Grazing Comments	N/A		
General Faunal Observations			
N/A Structured Quadrat Cover Valu	IAS (%)		
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	Ö	Rock Cover	0
Herb Grass Cover	100	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
	J	5 p 5 / 1 / 4 (5)	· ·
Height of Vegetation (cm)	10	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	10
Species Latin Name	Species E	nglish Name Sp	ecies cover (Domin)
Festuca sp	Fescue	9	
Trifolium repens	White clove		
Hypochaeris glabra	Smooth cat	sear 3	

Species Laun Name	Species Eligiisii Naille	Species cover (Dollilli)
Festuca sp	Fescue	9
Trifolium repens	White clover	1
Hypochaeris glabra	Smooth catsear	3

Fanad Head		Site & Quadrat Number	er: FH-Q5
Quadrat Description			
Adjacent to the desire line from the	ne new carpark t	to the public access viewi	ng point.
Quadrat Comments			
N/A			
Habitat Type			
GS1 Dry calcareous and neutral g	rassland		
Quadrat Type			
Secondary			
Quadrat Type Comment			
N/A			
Quadrat Number	Q5		
-	_		
X Coordinate		623265	
Y Coordinate		947772	
Survey Date		13 th August 2018	
Surveyor		AT	
Substrate		Soil	
Stability		Firm	
Substrate Depth (cm)			
Slope Degrees		0	
Aspect		N/A	
Water Table Depth (cm)	Below		
Comments on Hydrology	N/A		
Quadrat Management	N/A		
Adjacent Landuse	N/A		
Grazing Comments	N/A		
General Faunal Observations			
N/A			
Structured Quadrat Cover Val			•
Total Vegetation Cover	100	Litter Cover	0
Tree Cover		Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	100	Bare Peat/Soil Cover	0 0
Bryophyte Cover	0	Open Water Cover	U
Height of Vegetation (cm)	10	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	10
Species Latin Name	Enosias En	alich Namo 4	Enocios cover (Demir)
Species Latin Name	Fescue		Species cover (Domin)
Festuca sp Trifolium repens	White clover) 1
ווווטוועווו וכטכווס	ANTITE CIONEL	-	L

Species Latin Name	Species English Name	Species cover (Domin)
Festuca sp	Fescue	9
Trifolium repens	White clover	1
Hypochaeris glabra	Smooth catsear	2
Armeria maritima	Sea Pink	2

Fanad Head		Site & Quadrat Numbe	r: FH-Q6
Quadrat Description			
Area around the abandoned buildin	g		
Quadrat Comments			
N/A			
Habitat Type			
GS4 Wet grassland			
Quadrat Type			
Secondary			
Quadrat Type Comment N/A			
Quadrat Number	Q6		
-	_		
X Coordinate		623242	
Y Coordinate		947754	
Survey Date		13th August 2018	
Surveyor		AT	
Substrate		Soil	
Stability		Firm	
Substrate Depth (cm)			
Slope Degrees		0	
Aspect		N/A	
Water Table Depth (cm)	Belov	V	
Comments on Hydrology	N/A		
Quadrat Management	N/A		
Adjacent Landuse	N/A		
Grazing Comments	N/A		
General Faunal Observations			
N/A			
Structured Quadrat Cover Value			•
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	^		_
Church Cover	0	Algae Cover	0
Shrub Cover	0	Algae Cover Rock Cover	0
Herb Grass Cover	0 100	Algae Cover Rock Cover Bare Peat/Soil Cover	0 0 0
	0	Algae Cover Rock Cover	0
Herb Grass Cover Bryophyte Cover	0 100 0	Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover	0 0 0 0
Herb Grass Cover	0 100	Algae Cover Rock Cover Bare Peat/Soil Cover	0 0 0
Herb Grass Cover Bryophyte Cover Height of Vegetation (cm)	0 100 0	Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover Height Shrub Layer (cm) Height Herb Layer (cm)	0 0 0 0
Herb Grass Cover Bryophyte Cover Height of Vegetation (cm) Height Tree Layer (m)	0 100 0 20 0 Species Er Ragwort	Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover Height Shrub Layer (cm) Height Herb Layer (cm)	0 0 0 0 0 20 Species cover (Domin)
Herb Grass Cover Bryophyte Cover Height of Vegetation (cm) Height Tree Layer (m) Species Latin Name	0 100 0 20 0	Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover Height Shrub Layer (cm) Height Herb Layer (cm) nglish Name 3	0 0 0 0 0 20 Species cover (Domin)
Herb Grass Cover Bryophyte Cover Height of Vegetation (cm) Height Tree Layer (m) Species Latin Name Jacobaea vulgaris	0 100 0 20 0 Species Er Ragwort	Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover Height Shrub Layer (cm) Height Herb Layer (cm) 13 15 15 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	0 0 0 0 20 Species cover (Domin)
Herb Grass Cover Bryophyte Cover Height of Vegetation (cm) Height Tree Layer (m) Species Latin Name Jacobaea vulgaris Argentina anserina Cirsium palustre Plantago sp	0 100 0 20 0 Species Er Ragwort Silverweed	Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover Height Shrub Layer (cm) Height Herb Layer (cm) 15 15 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	0 0 0 0 20 Species cover (Domin)
Herb Grass Cover Bryophyte Cover Height of Vegetation (cm) Height Tree Layer (m) Species Latin Name Jacobaea vulgaris Argentina anserina Cirsium palustre	0 100 0 20 0 Species Er Ragwort Silverweed Thistle Spp	Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover Height Shrub Layer (cm) Height Herb Layer (cm) **Taglish Name** **Sample States of the state	0 0 0 0 20 Species cover (Domin)
Herb Grass Cover Bryophyte Cover Height of Vegetation (cm) Height Tree Layer (m) Species Latin Name Jacobaea vulgaris Argentina anserina Cirsium palustre Plantago sp	0 100 0 20 0 Species Er Ragwort Silverweed Thistle Spp Plantain	Algae Cover Rock Cover Bare Peat/Soil Cover Open Water Cover Height Shrub Layer (cm) Height Herb Layer (cm) **Total Cover** **Total Cover**	0 0 0 0 20 Species cover (Domin)

Fanad Head	Site & Quadrat Number:	FH-Q7

Quadrat Description

Viewing point that is not within the private access lighthouse area. Behind the abandoned building.

Quadrat Comments

Very healthy lichen population present. Indicator of clean air.

Habitat Type

GS1 Dry-Calcareous and Neutral Grassland

Quadrat Type

Festuca sp

Hypochaeris glabra

Core

Quadrat Type Comment

N/A

Quadrat Number	Q7		
X Coordinate		623219	
Y Coordinate		947698	
Survey Date		13 th August 2018	
Surveyor		AT	
Substrate		Soil	
Stability		Firm	
Substrate Depth (cm)			
Slope Degrees		0	
Aspect		N/A	
Water Table Double (cm)	Dala		
Water Table Depth (cm)	Belov	V	
Comments on Hydrology	N/A		
Quadrat Management	N/A		
Adjacent Landuse	N/A		
Grazing Comments	N/A		
General Faunal Observations			
N/A			
Structured Quadrat Cover Value	es (%)		
Total Vegetation Cover	65	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	30
Herb Grass Cover	65	Bare Peat/Soil Cover	5
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	4	Height Shrub Layer (cm) 0
Height Tree Layer (m)	0	Height Herb Layer (cm)	4
, , ,	-	5 , . (5)	
Species Latin Name	Species English Name		Species cover (Domin)

CAAS for Fáilte Ireland 107

6

2

Fescue

Lichens

Smooth Catsear

Fanad Head		Site & Quadrat Numb	er: FH-Q8
Quadrat Description			
Area beyond the boundary fence	which is broker	n facilitating access from t	visitors
Quadrat Comments			
N/A			
Habitat Type			
GS1 Dry calcareous and neutral gr	rassland		
Quadrat Type			
Tertiary			
Quadrat Type Comment N/A			
Quadrat Number	Q8		
X Coordinate		623248	
Y Coordinate		947649	
Survey Date		13 th August 2018	
Surveyor		AT	
•			
Substrate		Soil	
Stability		Firm	
Substrate Depth (cm)		-	
Slope Degrees		10	
Aspect		N	
Water Table Depth (cm)	Belov	V	
Comments on Hydrology	N/A		
Quadrat Management	N/A		
Adjacent Landuse	N/A		
Grazing Comments	N/A		
General Faunal Observations	,		
N/A			
Structured Quadrat Cover Val	ues (%)		
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	100	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	15	Height Shrub Layer (cm) 0
Height Tree Layer (m)	0	Height Herb Layer (cm)	15
Species Latin Name	Species E	nglish Name	Species cover (Domin)
Festuca sp	Fescue		8
Carix sp	Sedge sp		4
Plantago sp	Plantain		3
Trifolium repens	White clove	er	3
Bellis perennes	Daisy		1

Birdsfoot Trefoil

Lotus corniculatus

1

M-P H J		Cite O Overdont Novel	MIL 04
Malin Head		Site & Quadrat Number	er: MH-Q1
Quadrat Description			
Adjacent to roadway leading up to	the carpark,	being used as a layby/carp	ark.
Quadrat Comments			
Heavily disturbed area			
Habitat Type			
HH3 Wet heath			
Quadrat Type			
Core			
Quadrat Type Comment			
Overflow carparking on vegetation	is evident		
Quadrat Number	Q1		
X Coordinate		639633	
Y Coordinate		959379	
Survey Date		13 th August 18	
Surveyor		AT	
our reyor		7.11	
Substrate		Peat/soil	
Stability		Firm	
Substrate Depth (cm)			
Slope Degrees		10	
Aspect		S	
Water Table Depth (cm)	Belov	N	
Comments on Hydrology	N/A		
Quadrat Management	N/A		
Adjacent Landuse	N/A		
Grazing Comments	N/A		
General Faunal Observations N/A			
Structured Quadrat Cover Value	es (%)		
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	50	Rock Cover	0
Herb Grass Cover	50	Bare Peat/Soil Cover	0
Bryophyte Cover	5	Open Water Cover	0
Height of Vegetation (cm)	30	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	15
1.5.5 1.00 20,01 (11)	·		
Species Latin Name	Species F	nglish Name	Species cover (Domin)

Species Latin Name	Species English Name	Species cover (Domin)
Jasione montana	Sheeps Bit	2
Carix sp.	Sedge Sp.	3
Plantago sp.	Plantain	3
Erica cinereal	Bell Heather	7
Lotus corniculatus	Birdsfoot trefoil	3
Rhinanthus minor	Yellow Rattle	3
Calliergonella cuspidata	Pointed Spear Moss	2

Malin Head		Site & Quadrat Numb	er: MH-Q2
Quadrat Description			
Adjacent to carpark, disturbed grou	und area leadi	ng up to a raised area	
Quadrat Comments			
Heavily disturbed area			
Habitat Type			
HH3 Wet heath			
Quadrat Type			
Core			
Quadrat Type Comment	ic ovident		
Overflow carparking on vegetation	is eviderit		
Quadrat Number	Q2		
X Coordinate		639644	
Y Coordinate		959397	
Survey Date		13 th August 18	
Surveyor		AT	
•			
Substrate		Peat	
Stability		Firm	
Substrate Depth (cm)			
Slope Degrees		15	
Aspect		Е	
Water Table Depth (cm)	Belov	V	
Comments on Hydrology	N/A		
Quadrat Management	N/A		
Adjacent Landuse	N/A		
Grazing Comments	N/A		
General Faunal Observations			
N/A			
Structured Quadrat Cover Valu			_
Total Vegetation Cover	50	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	25	Rock Cover	0
Herb Grass Cover	25	Bare Peat/Soil Cover	50
Bryophyte Cover	5	Open Water Cover	0
Height of Vegetation (cm)	15	Height Shrub Layer (cm)	
Height Tree Layer (m)	0	Height Herb Layer (cm)	15
Species Latin Name		nglish Name	Species cover (Domin)
Carix flacca	Blue Sedge		4
Erica cinereal	Bell Heathe		3
Vaccinium uliginosum	Bog Bilberr	У	3
Danungulus en	Buttercup		1
Ranunculus sp.			

Malin Head		Site & Quadrat Numb	er: MH-Q3
Quadrat Description			
Adjacent to carpark, disturbed gro	ound area		
Quadrat Comments			
Heavily disturbed area with heavy	compaction		
Habitat Type			
GA2 Amenity Grassland			
Quadrat Type			
Core Quadrat Type Comment			
Overflow carparking on vegetation	n is evident		
Quadrat Number	Q3		
X Coordinate		639564	
Y Coordinate		959452	
Survey Date		13th August 18	
Surveyor		AT	
Substrate		Peat	
Stability		Firm	
Substrate Depth (cm)			
Slope Degrees		5	
Aspect		N	
Water Table Depth (cm)	Belov	N	
Comments on Hydrology	N/A		
Quadrat Management	N/A		
Adjacent Landuse	N/A		
Grazing Comments	N/A		
General Faunal Observations N/A			
Structured Quadrat Cover Val			
Total Vegetation Cover	70	Litter Cover	0
Tree Cover Shrub Cover	0 0	Algae Cover Rock Cover	0 0
Herb Grass Cover	70	Bare Peat/Soil Cover	30
Bryophyte Cover	70	Open Water Cover	0
		·	
Height of Vegetation (cm)	10	Height Shrub Layer (cm)	
Height Tree Layer (m)	0	Height Herb Layer (cm)	10
Species Latin Name			Species cover (Domin)
Carix sp.	Sedge Sp		6
Erica cinereal	Bell Heathe		6
Lotus corniculatus	Birdsfoot tr Buttercup	etoil	2
Ranunculus sp.	D		2

Malin Head Site & Quadrat Number: MH-Q4

Quadrat Description

Adjacent to the pathway leading from the carpark. Directly behind the information sign.

Quadrat Comments

Heavily disturbed area with heavy compaction

Habitat Type

HH1 Dry siliceous heath

Quadrat Type

Core

Quadrat Type Comment

Overflow carparking on vegetation is evident

Quadrat Number	Q4		
v.a		520540	
X Coordinate		639549	
Y Coordinate		959453	
Survey Date		13 th August 18	
Surveyor		AT	
Substrate		Peat/Soil	
Stability		Firm/ recently disturbed	
Substrate Depth (cm)			
Slope Degrees		5	
Aspect		W	
Water Table Depth (cm)	Belov	V	_
Comments on Hydrology	N/A		
Quadrat Management	N/A		
Adjacent Landuse	N/A		
Grazing Comments	N/A		
General Faunal Observations			
N/A			
Structured Quadrat Cover Values (%)		
Total Vegetation Cover	90	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	90	Bare Peat/Soil Cover	10
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	10	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	10

Species Latin Name	Species English Name	Species cover (Domin)
Carix flacca	Blue Sedge	5
Erica cinereal	Bell Heather	3
Trifolium pratense	Red Clover	3
Euphrasia officinalis	Eyebright	3
Ranunculus sp.	Buttercup spp	5
Festuca sp.	Fescue Spp	3
Phleum pratense	Timonthy	3
Plantago lanceolata	Plantain	3

Malin Head		Site & Quadrat Number	r: MH-Q5
Quadrat Description			
Depression not trafficked by visitor	s directly adja	cent to the carpark. Behind	I the vendors on site.
Quadrat Comments			
N/A			
Habitat Type			
GS4 Wet Grassland			
Quadrat Type			
Core			
Quadrat Type Comment			
N/A			
Quadrat Number	Q5		
X Coordinate		639664	
Y Coordinate Y Coordinate		959514	
Survey Date		13 th August 18	
-		AT	
Surveyor		AI	
Substrate		Soil	
Stability		Firm	
Substrate Depth (cm)			
Slope Degrees		15	
Aspect		E	
•			
Water Table Depth (cm)	Belov	V	
Comments on Hydrology	N/A		
Quadrat Management	N/A		
Adjacent Landuse	N/A		
Grazing Comments	N/A		
General Faunal Observations			
N/A			
Structured Quadrat Cover Valu			
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	100	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	15	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	15
- 3			
Species Latin Name			pecies cover (Domin)
Argentina anserina	Silverweed	7	
Phleum pratense	Timothy	6	

Malin Head		Site & Quadrat Numb	er: MH-Q6
Quadrat Description Area below the discovery point carp Quadrat Comments	oark, towards	the EIRE sign.	
N/A			
Habitat Type			
GS3 Dry-Humid Acid Grassland			
Quadrat Type			
Core			
Quadrat Type Comment			
N/A			
Quadrat Number	Q6		
		400=40	
X Coordinate		639712	
Y Coordinate		959545	
Survey Date		13 th August 18	
Surveyor		AT	
Substrate		Peat	
Stability		Firm compacted	
Substrate Depth (cm)		5	
Slope Degrees		0	
Aspect		N/A	
7.5655		. 47.1	
Water Table Depth (cm)	Belov	V	
Comments on Hydrology	N/A		
Quadrat Management	N/A		
Adjacent Landuse	N/A		
Grazing Comments	N/A		
General Faunal Observations			
N/A Structured Quadrat Cover Value	es (%)		
Total Vegetation Cover	20	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	Ö	Rock Cover	30
Herb Grass Cover	20	Bare Peat/Soil Cover	50
Bryophyte Cover	0	Open Water Cover	0
, , , , , , , , , , , , , , , , , , , ,			
Height of Vegetation (cm)	3	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	3
Species Latin Name	Species E	nglish Name	Species cover (Domin)
Fesctuca sp.	Fescue		3
ι εσειατά σμι	i escue		<u>J</u>
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Malin Head		Site & Quadrat Number	: МН-Q7
Quadrat Description			
Desire line leading down to area be	elow the disco	very point carpark, towards	the EIRE sign.
Quadrat Comments			
N/A			
Habitat Type			
ER Exposed Rock			
Quadrat Type			
Secondary			
Quadrat Type Comment			
N/A			
Quadrat Number	Q7		
X Coordinate		639747	
Y Coordinate		959586	
Survey Date		13 th August 18	
Surveyor		AT	
Substrate		Peat	
Stability		Firm compacted	
Substrate Depth (cm)			
Slope Degrees		16	
Aspect		N	
-			
Water Table Depth (cm)	Belov	v	
Comments on Hydrology	N/A		
Quadrat Management	N/A		
Adjacent Landuse	N/A		
Grazing Comments	N/A		
General Faunal Observations	. 4		
N/A			
Structured Quadrat Cover Valu	es (%)		
Total Vegetation Cover	10	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	80
Herb Grass Cover	10	Bare Peat/Soil Cover	10
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	2	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	2
neight free Layer (III)	U	neight nerb Layer (Cili)	2
Species Latin Name			pecies cover (Domin)
Festuca sp.	Fescue sp	2	
Plantago lanceolata	Plantain	1	

3 th August 18	
Γ	
eat	
sturbed	
/A	
gged	
tter Cover	0
gae Cover	0
ock Cover	0
are Peat/Soil Cover	200
pen Water Cover	0
eight Shrub Layer (cr	m) 0
eight Herb Layer (cm	3
ame	Species cover (Domin)
	8
16	Height Herb Layer (cm

Malin Head		Site & Quadrat Numb	er: MH-Q9
Quadrat Description			
Adjacent to carpark, disturbed gro	ound area		
Quadrat Comments			
Heavily disturbed area with heavy	compaction		
Habitat Type			
GA2 Amenity Grassland			
Quadrat Type			
Core			
Quadrat Type Comment Overflow carparking on vegetatio	n is evident		
Quadrat Number	Q9		
X Coordinate		639428	
Y Coordinate		959554	
Survey Date		13 th August 18	
Surveyor		AT	
Substrate		Peat	
Stability		Firm	
Substrate Depth (cm)		1 11 11 1	
Slope Degrees		5	
Aspect		N	
Water Table Depth (cm)	Belov	N	
Comments on Hydrology	N/A		
Quadrat Management	N/A		
Adjacent Landuse	N/A		
Grazing Comments	N/A		
General Faunal Observations			
N/A			
Structured Quadrat Cover Val			_
Total Vegetation Cover	70	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	70	Bare Peat/Soil Cover Open Water Cover	30 0
Bryophyte Cover		Open water Cover	U
Height of Vegetation (cm)	10	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	10
Species Latin Name	Species E	nglish Name	Species cover (Domin
Carix sp.	Sedge Sp		35
Erica cinerea	Bell Heathe		35
Lotus corniculatus	Birdsfoot tr		2
	Buttercup		2

Oundent Description			er: MH-Q10	
Quadrat Description				
Adjacent to walkways along the cliff w	<i>ı</i> alk			
Quadrat Comments				
Are not trafficked by visitors				
Habitat Type				
HH1 Dry siliceous Heath				
Quadrat Type Secondary				
Quadrat Type Comment				
N/A				
Quadrat Number	Q10			
V Casudinata		(20242		
X Coordinate Y Coordinate		639343 959519		
Survey Date		13 th August 18		
Surveyor		AT		
		···		
Substrate		Peat		
Stability		Stable		
Substrate Depth (cm)				
Slope Degrees		8		
Aspect		W		
Water Table Depth (cm)	N/A			
Comments on Hydrology	N/A			
Quadrat Management	N/A			
Adjacent Landuse	N/A			
Grazing Comments	N/A			
General Faunal Observations N/A				
Structured Quadrat Cover Values				
Total Vegetation Cover		Litter Cover	0	
Tree Cover	0	Algae Cover	0	
Shrub Cover	100	Rock Cover	0	
Herb Grass Cover Bryophyte Cover	100 0	Bare Peat/Soil Cover Open Water Cover	0 0	
ы уорпусе Cover	U	Open water cover	U	
Height of Vegetation (cm)	0	Height Shrub Layer (cm		
Height Tree Layer (m)	0	Height Herb Layer (cm)	0	
-	Species English Name		Species cover (Domin)	
	Bell heather		90	
	Bog bilberry		<u> </u>	
Lotus corniculatus E	Birdsfoot tr	ei -	Ŏ	

Malin Head		Site & Quadrat Numb	er: MH-Q11
Quadrat Description			
Area away from walkways along t	he cliff walk		
Quadrat Comments			
N/A			
Habitat Type			
HH1 Dry siliceous heath			
Quadrat Type			
Tertiary			
Quadrat Type Comment N/A			
Quadrat Number	Q11		
X Coordinate		639433	
Y Coordinate		959473	
Survey Date		13 th August 18	
Surveyor		AT	
Substrate		Peat	
Stability		Firm	
Substrate Depth (cm)			
Slope Degrees		5	
Aspect		Е	
Water Table Depth (cm)	Belov	V	
Comments on Hydrology	N/A		
Quadrat Management	N/A		
Adjacent Landuse	N/A		
Grazing Comments	N/A		
General Faunal Observations			
N/A			
Structured Quadrat Cover Val	• •		
Total Vegetation Cover	90	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	60	Rock Cover	0
Herb Grass Cover	30	Bare Peat/Soil Cover	10
Bryophyte Cover	5	Open Water Cover	0
Height of Vegetation (cm)	15	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	15
Species Latin Name	Species Er	nglish Name	Species cover (Domin)
Carex flacca	Blue Sedge		6
Erica cinerea	Bell Heathe		5
Vaccinium uliginosum	Bog Bilberry		4
Ranunculus sp.	Buttercup		2
Trifolium repens	White Clove	ar	3