

Appendix I – Ecological Monitoring Quadrat Data

Wild Atlantic Way Discovery Points Ecological Study of Visitor Movement Areas 2017

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



February 2018

Galley Head	Site & Quadrat Number: 156 GH-Q1		
Quadrat Description			
Grassy verge, to the south of the site, close to an existing wall. Sheltered, almost a mosaic of grassy verge and dry-humid acid grassland			
Quadrat Comments			
None			
Habitat Type			
GS3 Dry-Humid Acid Grassland			
Quadrat Type			
Core Movement Area			
Quadrat Type Comment			
N/A			
Quadrat Number	GH-Q1		
X Coordinate	533963		
Y Coordinate	531792		
Survey Date	3 rd August 2017		
Surveyor	Andrew Torsney		
Substrate	Mineral Soil		
Stability	Firm		
Substrate Depth (cm)			
Slope Degrees	5		
Aspect	S		
Water Table Depth (cm)	Below Surface		
Comments on Hydrology	None		
Quadrat Management	Tourism		
Adjacent Landuse	Tourism, Agriculture, residential		
Grazing Comments	None		
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)	15	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	10-15
Species Latin Name	Species English Name	Species cover (Domin)	
<i>Festuca rubera</i>	Red Fescue	8	
<i>Achillea millefolium</i>	Yarrow	5	
<i>Plantago lanceolata</i>	Ribwort Plantain	3	
<i>Trifolium pratense</i>	Red Clover	5	

Galley Head **Site & Quadrat Number: 156 GH-Q2**

Quadrat Description

Adjacent to the light desire line, before the trail loses definition along the cliff top.

Quadrat Comments

None

Habitat Type

GS3 Dry-Humid Acid Grassland

Quadrat Type

Secondary Movement Area

Quadrat Type Comment

N/A

Quadrat Number

GH-Q2

X Coordinate

533901

Y Coordinate

531913

Survey Date

3rd August 2017

Surveyor

Andrew Torsney

Substrate

Soil

Stability

Firm

Substrate Depth (cm)

Slope Degrees

5

Aspect

W

Water Table Depth (cm)

Below Surface

Comments on Hydrology

None

Quadrat Management

Tourism

Adjacent Landuse

Tourism, Agriculture, residential

Grazing Comments

None

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)

20

Height Shrub Layer (cm)

-

Height Tree Layer (m)

-

Height Herb Layer (cm)

15-20

Species Latin Name	Species English Name	Species cover (Domin)
<i>Festuca Rubera</i>	Red Fescue	6
<i>Anthoxanthum oforatum</i>	Sweet Vernal Grass	1
<i>Plantago lanceolata</i>	Ribwort Plantain	5
<i>Armeria maritima</i>	Sea Pink	4

Galley Head	Site & Quadrat Number: 156 GH-Q3		
Quadrat Description Toughed grass along the edge of the blowhole structure			
Quadrat Comments None			
Habitat Type GS3 Dry-Humid Acid Grassland			
Quadrat Type Secondary Movement Area			
Quadrat Type Comment N/A			
Quadrat Number		GH-Q3	
X Coordinate	450753		
Y Coordinate	541907		
Survey Date	3 rd August 2017		
Surveyor	Andrew Torsney		
Substrate	Soil		
Stability	Firm		
Substrate Depth (cm)			
Slope Degrees	10		
Aspect	W		
Water Table Depth (cm)	Below Surface		
Comments on Hydrology	None		
Quadrat Management	Tourism		
Adjacent Landuse	Tourism, Agriculture, residential		
Grazing Comments	None		
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)	10	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	10
Species Latin Name	Species English Name	Species cover (Domin)	
<i>Festuca rubera</i>	Red Fescue	9	
<i>Anthoxanthum odoratum</i>	Sweet Vernal Grass	5	
<i>Lolium perennia</i>	Perennial Ryegrass	3	
<i>Agrostis spp.</i>	Bent	3	

Galley Head		Site & Quadrat Number: 156 GH-Q4	
Quadrat Description Rocky outcrop, easily accessed from the vantage point. Soil build up on the rock and heavily compacted			
Quadrat Comments None			
Habitat Type CS1 Rocky Sea Cliff			
Quadrat Type Core Movement Area			
Quadrat Type Comment N/A			
Quadrat Number		GH-Q4	
X Coordinate	533904		
Y Coordinate	531763		
Survey Date	3 rd August 2017		
Surveyor	Andrew Torsney		
Substrate	Rock		
Stability	Solid		
Substrate Depth (cm)	-		
Slope Degrees	Mixed/Jagged		
Aspect	N/A		
Water Table Depth (cm)	Below Surface		
Comments on Hydrology	None		
Quadrat Management	Tourism		
Adjacent Landuse	Tourism, Agriculture, residential		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
Total Vegetation Cover	<5	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	100
Herb Grass Cover	<5	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	Species English Name	Species cover (Domin)	
<i>Armeria maritima</i>	Sea Pink	1	

Galley Head	Site & Quadrat Number: 156 GH-Q5		
Quadrat Description Rocky outcrop, not easily accessed from the vantage point. No Soil present			
Quadrat Comments None			
Habitat Type CS1 Rocky Sea Cliff			
Quadrat Type Core Movement Area			
Quadrat Type Comment N/A			
Quadrat Number			GH-Q5
X Coordinate	533890		
Y Coordinate	531783		
Survey Date	3 rd August 2017		
Surveyor	Andrew Torsney		
Substrate	Rock		
Stability	Solid		
Substrate Depth (cm)			
Slope Degrees	Mixed/Jagged		
Aspect	N/A		
Water Table Depth (cm)	Below Surface		
Comments on Hydrology	None		
Quadrat Management	Tourism		
Adjacent Landuse	Tourism, Agriculture, residential		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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)	-	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	-
Species Latin Name	Species English Name	Species cover (Domin)	
-	-	-	

Galley Head	Site & Quadrat Number: 156 GH-Q6		
Quadrat Description			
Quadrat Comments None			
Habitat Type CS1 Rocky Sea Cliff			
Quadrat Type Core Movement Area			
Quadrat Type Comment N/A			
Quadrat Number			GH-Q6
X Coordinate	533916		
Y Coordinate	531805		
Survey Date	3 rd August 2017		
Surveyor	Andrew Torsney		
Substrate	Rock		
Stability	Solid		
Substrate Depth (cm)			
Slope Degrees	Mixed/Jagged		
Aspect	N/A		
Water Table Depth (cm)	Below Surface		
Comments on Hydrology	None		
Quadrat Management	Tourism		
Adjacent Landuse	Tourism, Agriculture, residential		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
Total Vegetation Cover	<5	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	100
Herb Grass Cover	<5	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	Species English Name	Species cover (Domin)	
<i>Cakile maritima</i>	Sea rocket	2	

Galley Head **Site & Quadrat Number: 156 GH-Q7**

Quadrat Description

Quadrat located at edge of car park by the Lighthouse. Half of quadrat on made surface of car park, remainder on shallow soil layer of rock outcrop. Heavily impacted, and flattened by visitors.

Quadrat Comments

N/A

Habitat Type

ED2/ED3 Exposed Bare Ground/Recolonised Bare Ground

Quadrat Type

Core Movement Area

Quadrat Type Comment

N/A

Quadrat Number GH-Q7

X Coordinate 533966
Y Coordinate 531818
Survey Date 3rd August 2017
Surveyor Andrew Torsney

Substrate Semi Artificial Surface/ Soil
Stability Very Firm
Substrate Depth (cm) N/A
Slope Degrees 0
Aspect N/A

Water Table Depth (cm) Below surface
Comments on Hydrology None

Quadrat Management Unofficial carpark
Adjacent Landuse Visitor use
Grazing Comments No evidence of Grazing
General Faunal Observations None

Structured Quadrat Cover Values (%)

Total Vegetation Cover	35	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	35	Bare Peat/Soil Cover	65
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	Species English Name	Species cover (Domin)
<i>Festuca rubra</i>	Red Fescue	3
<i>Lolium perenne</i>	Perennial Rye-grass	3
<i>Plantago major</i>	Greater Plantain	1
<i>Poa trivialis</i>	Bluegrass	5
<i>Matricaria discoidea</i>	Pineapple weed	3

Lough Hyne **Site & Quadrat Number:** **154 LH-Q1**

Quadrat Description

Edge of the core movement zone, high bank on the opposite side of the road to the lake. Along a small layby suitable for 2 cars.

Quadrat Comments

N/A

Habitat Type

WS1 Scrub

Quadrat Type

Secondary Movement Area

Quadrat Type Comment

N/A

Quadrat Number LH-Q1

X Coordinate 509591
Y Coordinate 528999
Survey Date 3rd August 2017
Surveyor Andrew Torsney

Substrate Soil
Stability Very Firm
Substrate Depth (cm)
Slope Degrees 30
Aspect S

Water Table Depth (cm) Below surface
Comments on Hydrology None

Quadrat Management None
Adjacent Landuse Recreation and residential
Grazing Comments None
General Faunal Observations None

Structured Quadrat Cover Values (%)

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)	100-200	Height Shrub Layer (cm)	100-200
Height Tree Layer (m)	-	Height Herb Layer (cm)	-

Species Latin Name	Species English Name	Species cover (Domin)
<i>Crococsmia x crocosmiiflora</i>	Montbretia	7
<i>Convolvulus arvensis</i>	Field Bind Weed	5
<i>Rubus fruticosus</i>	Brambles	6
<i>Pteridium aquilinum</i>	Bracken	5

Lough Hyne **Site & Quadrat Number:** **154 LH-Q2**

Quadrat Description

Steep bank between the receiving carpark and the main recreation area.

Quadrat Comments

N/A

Habitat Type

HH4 Montane Heath

Quadrat Type

Secondary Movement Area

Quadrat Type Comment

N/A

Quadrat Number

LH-Q2

X Coordinate

634970

Y Coordinate

922991

Survey Date

3rd August 2017

Surveyor

Andrew Torsney

Substrate

Peat

Stability

Firm Dry

Substrate Depth (cm)

Slope Degrees

30

Aspect

S

Water Table Depth (cm)

Below surface

Comments on Hydrology

None

Quadrat Management

None

Adjacent Landuse

Recreation and Residential

Grazing Comments

None

General Faunal Observations

None

Structured Quadrat Cover Values (%)

Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	85	Rock Cover	0
Herb Grass Cover	15	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0

Height of Vegetation (cm) 50-80 Height Shrub Layer (cm) 50-80

Height Tree Layer (m) - Height Herb Layer (cm) 10-15

Species Latin Name	Species English Name	Species cover (Domin)
<i>Erica Tetralix</i>	Cross leaved heath	5
<i>Calluna vulgaris</i>	Heather	8
<i>Lotus corniculatus</i>	Birds foot trefoil	5
<i>Molinia caerulea</i>	Purple Moore grass	4

Lough Hyne **Site & Quadrat Number: 154 LH-Q3**

Quadrat Description

Steep bank between the receiving carpark and the main recreation area.

Quadrat Comments

N/A

Habitat Type

HD1 Dense Bracken

Quadrat Type

Secondary Movement Area

Quadrat Type Comment

N/A

Quadrat Number

LH-Q3

X Coordinate

509434

Y Coordinate

528970

Survey Date

3rd August 2017

Surveyor

Andrew Torsney

Substrate

Soil

Stability

Very Firm

Substrate Depth (cm)

Slope Degrees

35

Aspect

S

Water Table Depth (cm)

Below surface

Comments on Hydrology

None

Quadrat Management

None

Adjacent Landuse

Recreation and Residential

Grazing Comments

None

General Faunal Observations

None

Structured Quadrat Cover Values (%)

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)

150

Height Shrub Layer (cm)

150

Height Tree Layer (m)

0

Height Herb Layer (cm)

0

Species Latin Name	Species English Name	Species cover (Domin)
<i>Rubus fruticosus</i>	Brambles	7
<i>Rosa canina</i>	Dog Rose	5
<i>Fragaria vesca</i>	Wild Strawberry	5
<i>Filipendula ulmaria</i>	Meadow Sweet	7

Lough Hyne		Site & Quadrat Number: 154 LH-Q4	
Quadrat Description Carpark structure, in moderate condition. Worn surfaces around the edge of the carpark			
Quadrat Comments N/A			
Habitat Type BL3 Buildings and Artificial Surfaces			
Quadrat Type Secondary Movement Area			
Quadrat Type Comment N/A			
Quadrat Number		LH-Q4	
X Coordinate	509301		
Y Coordinate	529026		
Survey Date	3 rd August 2017		
Surveyor	Andrew Torsney		
Substrate	-		
Stability	-		
Substrate Depth (cm)	-		
Slope Degrees	-		
Aspect	-		
Water Table Depth (cm)	Below surface		
Comments on Hydrology	None		
Quadrat Management	Carpark facility		
Adjacent Landuse	Recreation and residential		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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	0
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 English Name	Species cover (Domin)	
-	-	-	

Lough Hyne		Site & Quadrat Number: 154 LH-Q5	
Quadrat Description Square pontoon used for recreation, with small rock mounds. Heavily trampled and impacted.			
Quadrat Comments N/A			
Habitat Type GA2 Amenity Grassland (Improved)			
Quadrat Type Core Movement Area			
Quadrat Type Comment N/A			
Quadrat Number		LH-Q5	
X Coordinate	533890		
Y Coordinate	531783		
Survey Date	3 rd August 2017		
Surveyor	Andrew Torsney		
Substrate	Soil		
Stability	Very Firm – Trampled		
Substrate Depth (cm)			
Slope Degrees	0		
Aspect	N/A		
Water Table Depth (cm)	Below surface		
Comments on Hydrology	None		
Quadrat Management	None		
Adjacent Landuse	Recreation and residential		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
Total Vegetation Cover	40	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	40	Bare Peat/Soil Cover	60
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 English Name	Species cover (Domin)	
<i>Lolium perenne</i>	Perennial Rye-grass	7	

Lough Hyne		Site & Quadrat Number: 154 LH-Q6	
Quadrat Description Vegetation in the verges of the road wall breaking through cracks			
Quadrat Comments N/A			
Habitat Type BL3 Buildings and Artificial Surfaces			
Quadrat Type Core Movement Area			
Quadrat Type Comment N/A			
Quadrat Number		LH-Q6	
X Coordinate	533916		
Y Coordinate	531805		
Survey Date	3 rd August 2017		
Surveyor	Andrew Torsney		
Substrate	Road surface cracks		
Stability	Solid		
Substrate Depth (cm)			
Slope Degrees	-		
Aspect	-		
Water Table Depth (cm)	Below surface		
Comments on Hydrology	None		
Quadrat Management	Roadway		
Adjacent Landuse	Recreation and residential		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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	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	Species English Name	Species cover (Domin)	
<i>Lolium perenne</i>	Perennial Rye-grass	3	
<i>Plantago major</i>	Greater Plantain	3	
<i>Poa trivialis</i>	Bluegrass	2	
<i>Matricaria discoidea</i>	Pineapple weed	2	

Lough Hyne	Site & Quadrat Number:	154 LH-Q7	
Quadrat Description Surfaces area with cracks and sparse disturbance tolerant species.			
Quadrat Comments N/A			
Habitat Type BL3 Buildings and Artificial Surfaces			
Quadrat Type Core Movement Area			
Quadrat Type Comment N/A			
Quadrat Number	LH-Q7		
X Coordinate	533966		
Y Coordinate	531818		
Survey Date	3 rd August 2017		
Surveyor	Andrew Torsney		
Substrate	Road surface cracks		
Stability	Solid		
Substrate Depth (cm)			
Slope Degrees	-		
Aspect	-		
Water Table Depth (cm)	Below surface		
Comments on Hydrology	None		
Quadrat Management	Roadway		
Adjacent Landuse	Recreation and residential		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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	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	Species English Name	Species cover (Domin)	
<i>Lolium perenne</i>	Perennial Rye-grass	3	
<i>Plantago major</i>	Greater Plantain	1	
<i>Poa trivialis</i>	Bluegrass	2	
<i>Trifolium pratense</i>	Red clover	3	

Lough Hyne **Site & Quadrat Number: 154 LH-Q8**

Quadrat Description

Steep bank between the receiving carpark and the main recreation area.

Quadrat Comments

N/A

Habitat Type

HH4 Montane Heath

Quadrat Type

Tertiary Movement Area

Quadrat Type Comment

N/A

Quadrat Number LH-Q8

X Coordinate 509341
Y Coordinate 528993
Survey Date 3rd August 2017
Surveyor Andrew Torsney

Substrate Peat
Stability Firm
Substrate Depth (cm)
Slope Degrees 35
Aspect S

Water Table Depth (cm) Below surface
Comments on Hydrology None

Quadrat Management None
Adjacent Landuse Recreation and residential
Grazing Comments None
General Faunal Observations None

Structured Quadrat Cover Values (%)

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	-	Open Water Cover	0

Height of Vegetation (cm)	100-150	Height Shrub Layer (cm)	100-150
Height Tree Layer (m)	-	Height Herb Layer (cm)	-

Species Latin Name	Species English Name	Species cover (Domin)
<i>Erica Tetralix</i>	Cross leaved heath	7
<i>Calluna vulgaris</i>	Heather	7
<i>Lotus corniculatus</i>	Birds foot trefoil	2
<i>Molinia caerulea</i>	Purple Moore grass	4

**Access issues meant that the underlayer could not be surveyed. Species were identified from the road using binoculars.

Dursey Sound		Site & Quadrat Number: EP16 DS-Q1	
Quadrat Description			
Quadrat is located in the upper end of the carpark next to the cable car voyage point.			
Quadrat Comments			
None			
Habitat Type			
BL3 Buildings and artificial surfaces			
Quadrat Type			
Core Movement Area			
Quadrat Type Comment			
N/A			
Quadrat Number		DS-Q1	
X Coordinate	450761		
Y Coordinate	541966		
Survey Date	27 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Gravel		
Stability	Solid		
Substrate Depth (cm)	0		
Slope Degrees	0		
Aspect	N/A		
Water Table Depth (cm)	Sub Surface		
Comments on Hydrology	None		
Quadrat Management	Carpark Facility		
Adjacent Landuse	Transit to Dursey Island or amenity walking/hiking & Grazing by sheep		
Grazing Comments	Low levels of sheep grazing observed		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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 English Name	Species cover (Domin)	
-	-	-	

Dursey Sound		Site & Quadrat Number: EP16 DS-Q2	
Quadrat Description Viewing point to the South of the carpark with a desire line leading to it.			
Quadrat Comments None			
Habitat Type GS3 Dry-humid acid grassland			
Quadrat Type Core Movement Area			
Quadrat Type Comment None			
Quadrat Number		DS-Q2	
X Coordinate	450778		
Y Coordinate	541888		
Survey Date	27 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Soil		
Stability	Firm		
Substrate Depth (cm)	5cm		
Slope Degrees	5		
Aspect	SW		
Water Table Depth (cm)	Below the surface		
Comments on Hydrology	None		
Quadrat Management	None		
Adjacent Landuse	Visitor Use and Grazing		
Grazing Comments	Sheep comanage		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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)	<5
Species Latin Name	Species English Name	Species cover (Domin)	
<i>Agrostis stolonifera</i>	Creeping Bent	5	
<i>Anthoxanthum odoratum</i>	Sweet Vernal-grass	5	
<i>Cerastium fontanum</i>	Common Mouse-ear	2	
<i>Festuca ovina</i>	Sheep's-fescue	6	

Dursey Sound	Site & Quadrat Number: EP16 DS-Q3		
Quadrat Description Carpark edge, recolonised ground.			
Quadrat Comments Heavily trampled.			
Habitat Type ED3 Recolonised Bare Ground			
Quadrat Type Core Movement Area			
Quadrat Type Comment None			
Quadrat Number			DS-Q3
X Coordinate	450753		
Y Coordinate	541907		
Survey Date	27 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Soil		
Stability	Compacted firm		
Substrate Depth (cm)	<5		
Slope Degrees	0		
Aspect	N/A		
Water Table Depth (cm)	Below the surface		
Comments on Hydrology	None		
Quadrat Management	Carpark Facility		
Adjacent Landuse	Transit to Dursey Island or amenity walking/hiking & Grazing by sheep		
Grazing Comments	Low levels of sheep grazing observed on comanage		
General Faunal Observations	None		
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)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	10
Species Latin Name	Species English Name	Species cover (Domin)	
<i>Hypochaeris radicata</i>	Cat's-ear	3	
<i>Rumex acetosella</i>	Sheep's Sorrel	2	
<i>Agrostis stolonifera</i>	Creeping Bent	5	
<i>Festuca ovina</i>	Sheep's Fescue	6	

Dursey Sound		Site & Quadrat Number: EP16 DS-Q4	
Quadrat Description			
Narrow trail from the carpark to the stile to access the wider walking area. Wooden planks laid across the muddy patch to serve as a make shift bridge structure.			
Quadrat Comments			
Heavily trampled and damaged			
Habitat Type			
ED2 Spoil and bare Ground			
Quadrat Type			
Core Movement Area			
Quadrat Type Comment			
None			
Quadrat Number		DS-Q4	
X Coordinate	450718		
Y Coordinate	541938		
Survey Date	27 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Soil		
Stability	Trampled/Sludge		
Substrate Depth (cm)			
Slope Degrees	5		
Aspect	W		
Water Table Depth (cm)	Below the surface		
Comments on Hydrology	None		
Quadrat Management	Wooden planks laid down as a pathway		
Adjacent Landuse	Tourist use and grazing		
Grazing Comments	Sheep grazed comanage		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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 English Name	Species cover (Domin)	
-	-	-	

Dursey Sound	Site & Quadrat Number: EP16 DS-Q5		
Quadrat Description			
Robust grassland adjacent to the marked walking trail.			
Quadrat Comments			
None			
Habitat Type			
GS3 Dry-humid acid grassland			
Quadrat Type			
Core Movement Area			
Quadrat Type Comment			
None			
Quadrat Number	DS-Q5		
X Coordinate	450707		
Y Coordinate	541973		
Survey Date	21th July 2017		
Surveyor	Andrew Torsney		
Substrate	Mineral Soil		
Stability	Firm		
Substrate Depth (cm)			
Slope Degrees	5		
Aspect	W		
Water Table Depth (cm)	Below the surface		
Comments on Hydrology	None		
Quadrat Management	Grazing		
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	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)	
<i>Agrostis sp.</i>	Bent	3	
<i>Cynosurus cristatus</i>	Crested Dog's-tail	5	
<i>Erica tetralix</i>	Cross-leaved Heath	3	
<i>Festuca rubra</i>	Red Fescue	6	
<i>Holcus lanatus</i>	Yorkshire-fog	5	
<i>Hypochaeris radicata</i>	Cat's-ear	3	
<i>Lolium perenne</i>	Perennial Rye-grass	4	
<i>Luzula multiflora</i>	Heath Wood-rush	2	
<i>Plantago lanceolata</i>	Ribwort Plantain	3	
<i>Potentilla erecta</i>	Tormentil	3	
<i>Prunella vulgaris</i>	Selfheal	2	
<i>Ranunculus repens</i>	Creeping Buttercup	3	
<i>Senecio jacobaea</i>	Common Ragwort	1	

Dursey Sound	Site & Quadrat Number: EP16 DS-Q6		
Quadrat Description Mosaic of heath and dry acidic grassland.			
Quadrat Comments Topography appears to dictate habitat type due to drainage potential.			
Habitat Type HH1 Dry siliceous heath			
Quadrat Type Secondary Movement Area			
Quadrat Type Comment None			
Quadrat Number			DS-Q6
X Coordinate	450740		
Y Coordinate	541999		
Survey Date	27 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Peat		
Stability	Firm		
Substrate Depth (cm)			
Slope Degrees	<5		
Aspect	East		
Water Table Depth (cm)	Below the surface		
Comments on Hydrology	None		
Quadrat Management	Sheep Grazing		
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	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)	-	Height Herb Layer (cm)	20
Species Latin Name	Species English Name	Species cover (Domin)	
Agrostis sp.	Bent	3	
Calluna vulgaris	Ling Heather	3	
Carex panicea	Carnation Sedge	5	
Carex sp.	Sedge	3	
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	

Dursey Sound	Site & Quadrat Number: EP16 DS-Q7		
Quadrat Description Tussock, raised peated mound with heath species present			
Quadrat Comments None			
Habitat Type HH1 Dry siliceous heath			
Quadrat Type Tertiary Movement Area			
Quadrat Type Comment N/A			
Quadrat Number			DS-Q7
X Coordinate	450799		
Y Coordinate	542024		
Survey Date	27 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Peat		
Stability	Frim		
Substrate Depth (cm)			
Slope Degrees	10		
Aspect	W		
Water Table Depth (cm)	Below surface		
Comments on Hydrology	No surface water features nearby		
Quadrat Management	Grazing		
Adjacent Landuse	Tourist use and grazing		
Grazing Comments	Sheep 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
Herb Grass Cover	60	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)	-	Height Herb Layer (cm)	20
Species Latin Name	Species English Name	Species cover (Domin)	
<i>Agrostis sp.</i>	Bent	5	
<i>Anagallis tenella</i>	Bog Pimpernel	2	
<i>Calluna vulgaris</i>	Heather	7	
<i>Carex panicea</i>	Carnation Sedge	4	
<i>Danthonia decumbens</i>	Heath-grass	3	
<i>Erica cinerea</i>	Bell Heather	6	
<i>Festuca ovina</i>	Sheep's-fescue	7	
<i>Hypnum jutlandicum</i>	Moss	3	
<i>Luzula multiflora</i>	Heath Wood-rush	3	
<i>Plantago maritima</i>	Sea Plantain	5	
<i>Polygala serpyllifolia</i>	Heath Milkwort	3	
<i>Trifolium repens</i>	White Clover	4	

Dursey Sound	Site & Quadrat Number: EP16 DS-Q8		
Quadrat Description			
Quadrat over a raised ridge, next to a rock outcrop. Off the desire line with no human impacts noted			
Quadrat Comments			
None			
Habitat Type			
GS3 Dry-humid acid grassland			
Quadrat Type			
Tertiary Movement Area			
Quadrat Type Comment			
N/A			
Quadrat Number	DS-Q8		
X Coordinate	450811		
Y Coordinate	541946		
Survey Date	27 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Soil		
Stability	Quite firm		
Substrate Depth (cm)			
Slope Degrees	15		
Aspect	west		
Water Table Depth (cm)	Below surface		
Comments on Hydrology	No surface water features nearby		
Quadrat Management	Commonage – Sheep Grazing		
Adjacent Landuse	Commonage – Sheep Grazing		
Grazing Comments	Low levels of grazing		
General Faunal Observations	none		
Structured Quadrat Cover Values (%)			
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)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	5-10
Species Latin Name	Species English Name	Species cover (Domin)	
<i>Agrostis stolonifera</i>	Creeping Bent	5	
<i>Anthoxanthum odoratum</i>	Sweet Vernal-grass	5	
<i>Cerastium fontanum</i>	Common Mouse-ear	2	
<i>Festuca ovina</i>	Sheep's-fescue	6	
<i>Holcus lanatus</i>	Yorkshire-fog	3	
<i>Hypochaeris radicata</i>	Cat's-ear	2	
<i>Juncus articulatus</i>	Jointed Rush	5	
<i>Luzula multiflora</i>	Heath Wood-rush	3	
<i>Potentilla erecta</i>	Tormentil	3	
<i>Rhytiadelphus squarrosus</i>	Springy Turf-Moss	5	
<i>Trifolium repens</i>	White Clover	5	

Derrynane House **Site & Quadrat Number: 135a DNH-Q1**

Quadrat Description

Wildflower meadow to the south of the house leading to the beach with a managed mown access strip through the centre.

Quadrat Comments

None

Habitat Type

GS3 Dry Humid Acid Grassland

Quadrat Type

Core Movement Area

Quadrat Type Comment

None

Quadrat Number DNH-Q1

X Coordinate 452976
Y Coordinate 558750
Survey Date 26th July 2017
Surveyor Andrew Torsney

Substrate Soil
Stability Moderate
Substrate Depth (cm)
Slope Degrees 0
Aspect -

Water Table Depth (cm) Below Surface
Comments on Hydrology None

Quadrat Management Managed to be nutrient poor
Adjacent Landuse Visitor Recreation/Amenity
Grazing Comments No evidence
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)	40-80	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	40-80

Species Latin Name	Species English Name	Species cover (Domin)
<i>Cirsium vulgare</i>	Spear thistle	6
<i>Plantago lanceolata</i>	Ribwort plantain	6
<i>Trifolium pratense</i>	Red clover	6

Derrynane House **Site & Quadrat Number: 135a DNH-Q2**

Quadrat Description

Wildflower meadow to the south of the house leading to the beach with a managed mown access strip through the centre.

Quadrat Comments

None

Habitat Type

GS3 Dry Humid Acid Grassland

Quadrat Type

Core Movement Zone

Quadrat Type Comment

Visitors do not stray from the managed path

Quadrat Number DNH-Q2

X Coordinate 452965
Y Coordinate 558715
Survey Date 26th July 2017
Surveyor Andrew Torsney

Substrate Soil
Stability Moderate
Substrate Depth (cm)
Slope Degrees 0
Aspect -

Water Table Depth (cm) Below Surface
Comments on Hydrology None

Quadrat Management Managed to be nutrient poor
Adjacent Landuse Visitor Recreation/Amenity
Grazing Comments No evidence
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)	40-80	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	40-80

Species Latin Name	Species English Name	Species cover (Domin)
<i>Anisantha sterilis (Bromus sterilis)</i>	Brom grass	4
<i>Vicia sativa</i>	Vetch	3
<i>Filipendula ulmaria</i>	Meadow Sweet	5
<i>Trifolium pratense</i>	Red Clover	5

Derrynane House **Site & Quadrat Number: 135a DNH-Q3**

Quadrat Description

Wildflower meadow to the south of the house leading to the beach with a managed mown access strip through the centre.

Quadrat Comments

None

Habitat Type

GS3 Dry Humid Acid Grassland

Quadrat Type

Core Movement Area

Quadrat Type Comment

Visitors do not stray from the managed path

Quadrat Number DNH-Q3

X Coordinate 453012
Y Coordinate 558714
Survey Date 26th July 2017
Surveyor Andrew Torsney

Substrate Soil
Stability Moderate
Substrate Depth (cm)
Slope Degrees 0
Aspect -

Water Table Depth (cm) Below Surface
Comments on Hydrology None

Quadrat Management Managed to be nutrient poor
Adjacent Landuse Visitor Recreation/Amenity
Grazing Comments No evidence
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)	40-80	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	40-80

Species Latin Name	Species English Name	Species cover (Domin)
<i>Trifolium pratense</i>	Red Clover	7
<i>Stellaria media</i>	Chickweed	4
<i>Anisantha sterilis (Bromus sterilis)</i>	Brom Grass	4
<i>Lotus corniculatus</i>	Birds foot trefoil	5

Derrynane House **Site & Quadrat Number: 135a DNH-Q4**

Quadrat Description

Machair habitat, with a mown strip for visitors to walk. Grazed by cattle to maintain habitat type.

Quadrat Comments

None

Habitat Type

CD6 Machair

Quadrat Type

Core Movement Area

Quadrat Type Comment

None

Quadrat Number DNH-Q4

X Coordinate 452919
Y Coordinate 558624
Survey Date 26th July 2017
Surveyor Andrew Torsney

Substrate Soil with sand
Stability Moderate
Substrate Depth (cm)
Slope Degrees 4
Aspect N

Water Table Depth (cm) Below the surface
Comments on Hydrology Slight slope towards dune slack habitat

Quadrat Management Strictly managed for ecology and visitors
Adjacent Landuse Amenity use and recreation
Grazing Comments Cattle grazing managed specifically for the habitat
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)	20-40	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	20-40

Species Latin Name	Species English Name	Species cover (Domin)
<i>Galium verum</i>	Ladies Bedstraw	7
<i>Anacamptis pyramidalis</i>	Pyramidal Orchid	2
<i>Achillea millefolium</i>	Yarrow	1
<i>Plantago lanceolata</i>	Ribwort Plantain	5
<i>Anthyllis vulneraria</i>	Kidney Vetch	6
<i>Festuca rubra</i>	Red Fescue	4

Derrynane House **Site & Quadrat Number: 135a DNH-Q5**

Quadrat Description

Small hill managed as a viewing point.

Quadrat Comments

N/A

Habitat Type

WS1 Scrub

Quadrat Type

Core Movement Area

Quadrat Type Comment

None

Quadrat Number DNH-Q5

X Coordinate 453167
Y Coordinate 558691
Survey Date 26th July 2017
Surveyor Andrew Torsney

Substrate Soil
Stability Firm
Substrate Depth (cm)
Slope Degrees 25
Aspect S

Water Table Depth (cm) Below the surface
Comments on Hydrology None

Quadrat Management Managed walkway and viewing point
Adjacent Landuse Visitor amenity and recreation
Grazing Comments None at this location
General Faunal Observations None

Structured Quadrat Cover Values (%)

Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	100	Rock Cover	0
Herb Grass Cover	30	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0

Height of Vegetation (cm)	30-200	Height Shrub Layer (cm)	200
Height Tree Layer (m)	-	Height Herb Layer (cm)	30

Species Latin Name	Species English Name	Species cover (Domin)
<i>Rubus fruticosus</i>	Brambles	8
<i>Ulex Ulex</i>	Gorse	5
<i>Pteridium aquilinum</i>	Bracken	6
<i>Rosa rubiginosa</i>	Dogs Rose	5
<i>Convolvulus arvensis</i>	Field bindweed	3
<i>Stellaria media</i>	Chickweed	2

Derrynane House		Site & Quadrat Number: 135a DNH-Q6	
Quadrat Description Sandy beach, no literal zone evident			
Quadrat Comments None			
Habitat Type LS2 Sand Shores			
Quadrat Type Core Movement Zones			
Quadrat Type Comment None			
Quadrat Number		DNH-Q6	
X Coordinate	452749		
Y Coordinate	558528		
Survey Date	26 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Sand		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	4		
Aspect	S		
Water Table Depth (cm)	Below the surface		
Comments on Hydrology	None		
Quadrat Management	Beach management, lifeguard patrol		
Adjacent Landuse	Amenity and recreation		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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 English Name	Species cover (Domin)	
-	-	-	

Derrynane House		Site & Quadrat Number: 135a DNH-Q7	
Quadrat Description Sandy beach, no literal zone evident			
Quadrat Comments None			
Habitat Type LS2 Sand Shores			
Quadrat Type Core Movement Zones			
Quadrat Type Comment None			
Quadrat Number		DNH-Q7	
X Coordinate	452696		
Y Coordinate	558539		
Survey Date	26 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Sand		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	4		
Aspect	S		
Water Table Depth (cm)	Below the surface		
Comments on Hydrology	None		
Quadrat Management	Beach management, lifeguard patrol		
Adjacent Landuse	Amenity and recreation		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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 English Name	Species cover (Domin)	
-	-	-	

Derrynane House **Site & Quadrat Number: 135a DNH-Q8**

Quadrat Description

Narrow sweeping strip of dunes with a machair habitat on the sheltered side.

Quadrat Comments

None

Habitat Type

CD2 Marram Dunes

Quadrat Type

Core Movement Zone

Quadrat Type Comment

None

Quadrat Number DNH-Q8

X Coordinate 452521
Y Coordinate 558557
Survey Date 26th July 2017
Surveyor Andrew Torsney

Substrate Sand
Stability Soft
Substrate Depth (cm)
Slope Degrees 4
Aspect S

Water Table Depth (cm) Below the surface
Comments on Hydrology None

Quadrat Management Beach management, lifeguard patrol
Adjacent Landuse Amenity and recreation
Grazing Comments None
General Faunal Observations None

Structured Quadrat Cover Values (%)

Total Vegetation Cover	85	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	85	Bare Peat/Soil Cover	15
Bryophyte Cover	0	Open Water Cover	0

Height of Vegetation (cm)	50	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	50

Species Latin Name	Species English Name	Species cover (Domin)
<i>Ammophila arenaria</i>	Marram grass	9
<i>Eryngium maritimum</i>	Sea holly	3

Derrynane House **Site & Quadrat Number: 135a DNH-Q9**

Quadrat Description

Machair habitat, with a mown strip for visitors to walk. Grazed by cattle to maintain habitat type.

Quadrat Comments

None

Habitat Type

CD6 Machair

Quadrat Type

Core Movement Area

Quadrat Type Comment

None

Quadrat Number DNH-Q9

X Coordinate 452614
Y Coordinate 558588
Survey Date 26th July 2017
Surveyor Andrew Torsney

Substrate Soil with sand
Stability Moderate
Substrate Depth (cm)
Slope Degrees 4
Aspect N

Water Table Depth (cm) Below the surface
Comments on Hydrology Slight slope towards dune slack habitat

Quadrat Management Strictly managed for ecology and visitors
Adjacent Landuse Amenity use and recreation
Grazing Comments Cattle grazing managed specifically for the habitat
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)	20-40	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	20-40

Species Latin Name	Species English Name	Species cover (Domin)
<i>Galium verum</i>	Ladies Bedstraw	6
<i>Anacamptis pyramidalis</i>	Pyramidal Orchid	4
<i>Plantago lanceolata</i>	Ribwort Plantain	5
<i>Anthyllis vulneraria</i>	Kidney Vetch	6
<i>Festuca rubra</i>	Red Fescue	6

Derrynane House **Site & Quadrat Number:** **135a DNH-Q10**

Quadrat Description

Heavily grazed exposed grassland area.

Quadrat Comments

None

Habitat Type

GS3 Dry Humid Acid Grassland

Quadrat Type

Core Movement Area

Quadrat Type Comment

None

Quadrat Number DNH-Q10

X Coordinate 453295
Y Coordinate 558586
Survey Date 26th July 2017
Surveyor Andrew Torsney

Substrate Soil
Stability Firm Compact
Substrate Depth (cm)
Slope Degrees 0
Aspect -

Water Table Depth (cm) Below the surface
Comments on Hydrology None

Quadrat Management Strictly managed for ecology and visitors
Adjacent Landuse Amenity use and recreation
Grazing Comments Heavily grazed
General Faunal Observations
 None

Structured Quadrat Cover Values (%)

Total Vegetation Cover	75	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	75	Bare Peat/Soil Cover	25
Bryophyte Cover	0	Open Water Cover	0

Height of Vegetation (cm)	<5	Height Shrub Layer (cm)	5
Height Tree Layer (m)	-	Height Herb Layer (cm)	<5

Species Latin Name	Species English Name	Species cover (Domin)
<i>Festuca ovina</i>	Sheeps fescue	8
<i>Festuca rubra</i>	Red Fescue	4

Derrynane House **Site & Quadrat Number: 135a DNH-Q11**

Quadrat Description

Marsh area on the far side of the managed fence and hard surface track.

Quadrat Comments

Not accessed by visitors

Habitat Type

WN6 Wet Willow Alder Ash Woodland

Quadrat Type

Core Movement Area

Quadrat Type Comment

Adjacent to hard surfaced track

Quadrat Number DNH-Q11

X Coordinate 453043
Y Coordinate 558785
Survey Date 26th July 2017
Surveyor Andrew Torsney

Substrate Soil
Stability Marshy
Substrate Depth (cm)
Slope Degrees 0
Aspect -

Water Table Depth (cm) Partially flushed
Comments on Hydrology Wet marshy conditions

Quadrat Management Visitor access restricted
Adjacent Landuse Amenity and recreation
Grazing Comments None

General Faunal Observations

Lepidopteran species are known to be abundant. Peacock butterfly was present.

Structured Quadrat Cover Values (%)

Total Vegetation Cover	100	Litter Cover	0
Tree Cover	100	Algae Cover	0
Shrub Cover	100	Rock Cover	0
Herb Grass Cover	30	Bare Peat/Soil Cover	15
Bryophyte Cover	0	Open Water Cover	0

Height of Vegetation (cm)	~	Height Shrub Layer (cm)	200-300
Height Tree Layer (m)	>5	Height Herb Layer (cm)	30-50

Species Latin Name	Species English Name	Species cover (Domin)
<i>Galium palustre</i>	Marsh bedstraw	6
<i>Comarum palustre</i>	Marsh cinquefoil	4
<i>Phragmites australis</i>	Common reed	4
<i>Iris pseudacorus</i>	Yellow flag iris	5
<i>Salix spp.</i>	Willow	2
<i>Alnus glutinosa</i>	Alder	2
<i>Agrostis stolonifera</i>	Creeping bent	5

Derrynane House **Site & Quadrat Number: 135a DNH-Q12**

Quadrat Description

Mixed broadleaf woodland with limited under story vegetation, with some ornamental plants interspersed

Quadrat Comments

Quadrat wasn't sufficient to capture the habitat type info due to scarcity of vegetation at a micro level. So, it was assigned by observation.

Habitat Type

WD1 Mixed Broadleaf Woodland

Quadrat Type

Core Movement Area

Quadrat Type Comment

None

Quadrat Number DNH-Q12

X Coordinate 452938
Y Coordinate 558984
Survey Date 26th July 2017
Surveyor Andrew Torsney

Substrate Soil
Stability Firm
Substrate Depth (cm)
Slope Degrees 0
Aspect -

Water Table Depth (cm) Below the Surface
Comments on Hydrology None

Quadrat Management Strictly managed for ecology and visitors
Adjacent Landuse Amenity use and recreation
Grazing Comments None
General Faunal Observations None

Structured Quadrat Cover Values (%)

Total Vegetation Cover	100	Litter Cover	50
Tree Cover	100	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)	~	Height Shrub Layer (cm)	-
Height Tree Layer (m)	>5	Height Herb Layer (cm)	10

Species Latin Name	Species English Name	Species cover (Domin)
<i>Bromus racemosus</i>	Smooth Brome	3
<i>Quercus petraea</i>	Sessile Oak	2

Derrynane House **Site & Quadrat Number:** **135a DNH-Q13**

Quadrat Description

Remote quite area of the park. Managed path.

Quadrat Comments

None

Habitat Type

WN4 Wet Peduncular Oak Woodland

Quadrat Type

Core movement Area

Quadrat Type Comment

None

Quadrat Number DNH-Q13

X Coordinate 452781
Y Coordinate 558794
Survey Date 26th July 2017
Surveyor Andrew Torsney

Substrate Soil
Stability Firm
Substrate Depth (cm)
Slope Degrees 0
Aspect -

Water Table Depth (cm) Below the Surface
Comments on Hydrology None

Quadrat Management Strictly managed for ecology and visitors
Adjacent Landuse Amenity use and recreation
Grazing Comments None
General Faunal Observations None

Structured Quadrat Cover Values (%)

Total Vegetation Cover	100	Litter Cover	100
Tree Cover	100	Algae Cover	0
Shrub Cover	100	Rock Cover	0
Herb Grass Cover	10	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0

Height of Vegetation (cm)	~	Height Shrub Layer (cm)	200
Height Tree Layer (m)	>5	Height Herb Layer (cm)	20

Species Latin Name	Species English Name	Species cover (Domin)
<i>Quercus robur</i>	Peduncular oak	7
<i>Crataegus monogyna</i>	Hawthorn	7
<i>Corylus avellana</i>	Hazel	5
<i>Chrysosplenium oppositifolium</i>	Golden Saxifrage	4
<i>Circaea lutetiana</i>	Enchanters Nightshade	2

Derrynane House **Site & Quadrat Number: 135a DNH-Q14**

Quadrat Description

Exposed rocky shore, recreationally explored when the tide is out, as observed in the data.

Quadrat Comments

None

Habitat Type

LR1 Exposed Rocky Shores

Quadrat Type

Secondary Movement Zones

Quadrat Type Comment

None

Quadrat Number DNH-Q14

X Coordinate 452880
Y Coordinate 558487
Survey Date 26th July 2017
Surveyor Andrew Torsney

Substrate Rock
Stability Solid
Substrate Depth (cm)
Slope Degrees 15
Aspect E

Water Table Depth (cm) Tidal
Comments on Hydrology None

Quadrat Management Beach management, lifeguard patrol
Adjacent Landuse Amenity and recreation
Grazing Comments None
General Faunal Observations None

Structured Quadrat Cover Values (%)

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 English Name	Species cover (Domin)
-	-	-

Ballyheigue Beach **Site & Quadrat Number: 117 BHB-Q1**

Quadrat Description

Dune system along the beach with moderate desire lines and some evidence of trampling. Large number of pyramidal orchid stands (>100).

Quadrat Comments

None

Habitat Type

CD3 Fixed Dunes

Quadrat Type

Tertiary Movement Zone

Quadrat Type Comment

Desire lines indicate that visitor movements do occur in the dunes but this was not captured in the Visitor Movement Data which are used to categorise the zones.

Quadrat Number BHB-Q1

X Coordinate 475233
Y Coordinate 627617
Survey Date 25th July 2017
Surveyor Andrew Torsney

Substrate Sand
Stability Soft
Substrate Depth (cm)
Slope Degrees 5
Aspect W

Water Table Depth (cm) Below the surface
Comments on Hydrology None

Quadrat Management Beach management, lifeguard patrol
Adjacent Landuse Amenity and recreation
Grazing Comments None
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)	50-100	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	50-100

Species Latin Name	Species English Name	Species cover (Domin)
<i>Festuca rubra</i>	Red fescue	9
<i>Hypochaeris radicata</i>	Cats ear	5
<i>Arrhenatherum elatius</i>	Oat grass	2
<i>Agrostis spp.</i>	Bent Grass	4

Ballyheigue Beach **Site & Quadrat Number: 117 BHB-Q2**

Quadrat Description

Dune system along the beach with moderate desire lines and some evidence of trampling. Large number of pyramidal orchid stands (>100).

Quadrat Comments

None

Habitat Type

CD3 Fixed Dunes

Quadrat Type

Tertiary Movement Zone

Quadrat Type Comment

Desire lines indicate that visitor movements do occur in the dunes but this was not captured in the Visitor Movement Data which are used to categorise the zones.

Quadrat Number BHB-Q2

X Coordinate 475195
Y Coordinate 627716
Survey Date 25th July 2017
Surveyor Andrew Torsney

Substrate Sand
Stability Soft
Substrate Depth (cm)
Slope Degrees 10
Aspect W

Water Table Depth (cm) Below the surface
Comments on Hydrology None

Quadrat Management Beach management, lifeguard patrol
Adjacent Landuse Amenity and recreation
Grazing Comments None
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)	50-100	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	50-100

Species Latin Name	Species English Name	Species cover (Domin)
<i>Festuca rubra</i>	Red fescue	9
<i>Hypochaeris radicata</i>	Cats ear	5
<i>Arrhenatherum elatius</i>	Oat grass	2
<i>Agrostis spp.</i>	Sent Grass	4

Ballyheigue Beach **Site & Quadrat Number: 117 BHB-Q3**

Quadrat Description

Dune system along the beach with moderate desire lines and some evidence of trampling. Large number of pyramidal orchid stands (>100).

Quadrat Comments

None

Habitat Type

CD3 Fixed Dunes

Quadrat Type

Tertiary Movement Zone

Quadrat Type Comment

Desire lines indicate that visitor movements do occur in the dunes but this was not captured in the Visitor Movement Data which are used to categorise the zones.

Quadrat Number BHB-Q3

X Coordinate 475229
Y Coordinate 627676
Survey Date 25th July 2017
Surveyor Andrew Torsney

Substrate Sand
Stability Soft
Substrate Depth (cm)
Slope Degrees 5
Aspect E

Water Table Depth (cm) Below the surface
Comments on Hydrology None

Quadrat Management Beach management, lifeguard patrol
Adjacent Landuse Amenity and recreation
Grazing Comments None
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)	50-100	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	50-100

Species Latin Name	Species English Name	Species cover (Domin)
<i>Festuca Rubra</i>	Red fescue	8
<i>Lotus corniculatus</i>	Birds foot trefoil	7
<i>Filipendula ulmaria</i>	Meadow Sweet	1

Ballyheigue Beach **Site & Quadrat Number: 117 BHB-Q4**

Quadrat Description

Dune system along the beach with moderate desire lines and some evidence of trampling. Large number of pyramidal orchid stands (>100).

Quadrat Comments

None

Habitat Type

CD3 Fixed Dunes

Quadrat Type

Tertiary Movement Zone

Quadrat Type Comment

Desire lines indicate that visitor movements do occur in the dunes but this was not captured in the Visitor Movement Data which are used to categorise the zones.

Quadrat Number BHB-Q4

X Coordinate 475137
Y Coordinate 627813
Survey Date 25th July 2017
Surveyor Andrew Torsney

Substrate Sand
Stability Soft
Substrate Depth (cm)
Slope Degrees 5
Aspect W

Water Table Depth (cm) Below the surface
Comments on Hydrology None

Quadrat Management Beach management, lifeguard patrol
Adjacent Landuse Amenity and recreation
Grazing Comments None
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)	50-100	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	50-100

Species Latin Name	Species English Name	Species cover (Domin)
<i>Festuca spp.</i>	Festuca Spp.	5
<i>Agrostis spp.</i>	Bent	7
<i>Festuca rubra</i>	Red fescue	6

Ballyheigue Beach **Site & Quadrat Number: 117 BHB-Q5**

Quadrat Description

Dune system along the beach with moderate desire lines and some evidence of trampling. Large number of pyramidal orchid stands (>100).

Quadrat Comments

None

Habitat Type

CD3 Fixed Dunes

Quadrat Type

Tertiary Movement Zone

Quadrat Type Comment

Desire lines indicate that visitor movements do occur in the dunes but this was not captured in the Visitor Movement Data which are used to categorise the zones.

Quadrat Number BHB-Q5

X Coordinate 475295
Y Coordinate 627503
Survey Date 25th July 2017
Surveyor Andrew Torsney

Substrate Sand
Stability Soft
Substrate Depth (cm)
Slope Degrees 10
Aspect W

Water Table Depth (cm) Below the surface
Comments on Hydrology None

Quadrat Management Beach management, lifeguard patrol
Adjacent Landuse Amenity and recreation
Grazing Comments None
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)	50-100	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	50-100

Species Latin Name	Species English Name	Species cover (Domin)
<i>Festuca Spp.</i>	Festuca Spp.	4
<i>Festuca rubra</i>	Red fescue	9

Ballyheigue Beach **Site & Quadrat Number: 117 BHB-Q6**

Quadrat Description

Dune system along the beach with moderate desire lines and some evidence of trampling. Large number of pyramidal orchid stands (>100).

Quadrat Comments

None

Habitat Type

CD3 Fixed Dunes

Quadrat Type

Tertiary Movement Zone

Quadrat Type Comment

Desire lines indicate that visitor movements do occur in the dunes but this was not captured in the Visitor Movement Data which are used to categorise the zones.

Quadrat Number BHB-Q6

X Coordinate 475222
Y Coordinate 627557
Survey Date 25th July 2017
Surveyor Andrew Torsney

Substrate Sand
Stability Soft
Substrate Depth (cm)
Slope Degrees 10
Aspect S

Water Table Depth (cm) Below the surface
Comments on Hydrology None

Quadrat Management Beach management, lifeguard patrol
Adjacent Landuse Amenity and recreation
Grazing Comments None
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)	50-100	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	50-100

Species Latin Name	Species English Name	Species cover (Domin)
<i>Festuca Rubra</i>	Red fescue	8
<i>Lotus corniculatus</i>	Birds foot trefoil	7
<i>Filipendula ulmaria</i>	Meadow Sweet	1
<i>Anthyllis vulneraria</i>	Kidney Vetch	6

Ballyheigue Beach		Site & Quadrat Number: 117 BHB-Q7	
Quadrat Description Sandy beach, no literal zone evident			
Quadrat Comments None			
Habitat Type LS2 Sand Shores			
Quadrat Type Core Movement Zones			
Quadrat Type Comment None			
Quadrat Number		BHB-Q7	
X Coordinate	475038		
Y Coordinate	627797		
Survey Date	25 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Sand		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	4		
Aspect	S		
Water Table Depth (cm)	Below the surface		
Comments on Hydrology	None		
Quadrat Management	Beach management, lifeguard patrol		
Adjacent Landuse	Amenity and recreation		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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 English Name	Species cover (Domin)	
-	-	-	

Ballyheigue Beach		Site & Quadrat Number: 117 BHB-Q8	
Quadrat Description Sandy beach, no literal zone evident			
Quadrat Comments None			
Habitat Type LS2 Sand Shores			
Quadrat Type Core Movement Zones			
Quadrat Type Comment None			
Quadrat Number		BHB-Q8	
X Coordinate	475106		
Y Coordinate	627649		
Survey Date	25 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Sand		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	4		
Aspect	S		
Water Table Depth (cm)	Below the surface		
Comments on Hydrology	None		
Quadrat Management	Beach management, lifeguard patrol		
Adjacent Landuse	Amenity and recreation		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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 English Name	Species cover (Domin)	
-	-	-	

Carrigafoyle Castle **Site & Quadrat Number: 114 CFC-Q1**

Quadrat Description

Salt marsh surrounding the site along the roadside right up to the wall. Lower salt marsh veins run through the upper salt marsh.

Quadrat Comments

None

Habitat Type

CM2 Upper Salt Marsh

Quadrat Type

Tertiary Movement Zone

Quadrat Type Comment

None

Quadrat Number CFC-Q1

X Coordinate 498615
Y Coordinate 647648
Survey Date 3rd July 2017
Surveyor Andrew Torsney

Substrate Mud (sandy)
Stability Soft
Substrate Depth (cm)
Slope Degrees 0
Aspect -

Water Table Depth (cm) Tidal
Comments on Hydrology None

Quadrat Management None
Adjacent Landuse None
Grazing Comments None

General Faunal Observations
 Swallows nesting and feeding in large numbers

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)	40

Species Latin Name	Species English Name	Species cover (Domin)
Spartina anglica	Common Cordgrass	10

Carrigafoyle Castle **Site & Quadrat Number: 114 CFC-Q2**

Quadrat Description

Salt marsh surrounding the site along the roadside right up to the wall. Lower salt marsh veins run through the upper salt marsh.

Quadrat Comments

None

Habitat Type

CM2 Upper Salt Marsh

Quadrat Type

Tertiary Movement Zone

Quadrat Type Comment

None

Quadrat Number CFC-Q2

X Coordinate 498639
Y Coordinate 647628
Survey Date 3rd July 2017
Surveyor Andrew Torsney

Substrate Mud (sandy)
Stability Soft
Substrate Depth (cm)
Slope Degrees 0
Aspect -

Water Table Depth (cm) Tidal
Comments on Hydrology None

Quadrat Management None
Adjacent Landuse None
Grazing Comments None

General Faunal Observations
 Swallows nesting and feeding in large numbers

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)	40

Species Latin Name	Species English Name	Species cover (Domin)
Spartina anglica	Common Cordgrass	10

Carrigafoyle Castle **Site & Quadrat Number: 114 CFC-Q3**

Quadrat Description

Salt marsh surrounding the site along the roadside right up to the wall. Lower salt marsh veins run through the upper salt marsh.

Quadrat Comments

None

Habitat Type

CM2 Upper Salt Marsh

Quadrat Type

Tertiary Movement Zone

Quadrat Type Comment

None

Quadrat Number CFC-Q3

X Coordinate 498669
Y Coordinate 647559
Survey Date 3rd July 2017
Surveyor Andrew Torsney

Substrate Mud (sandy)
Stability Soft
Substrate Depth (cm)
Slope Degrees 0
Aspect -

Water Table Depth (cm) Tidal
Comments on Hydrology None

Quadrat Management None
Adjacent Landuse None
Grazing Comments None

General Faunal Observations
 Swallows nesting and feeding in large numbers

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)	40	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	40

Species Latin Name	Species English Name	Species cover (Domin)
<i>Spartina anglica</i>	Common Cordgrass	9
<i>Cakile maritima</i>	Sea Rocket	1

Carrigafoyle Castle		Site & Quadrat Number: 114 CFC-Q4	
Quadrat Description			
Salt marsh surrounding the site along the roadside right up to the wall. Lower salt marsh veins run through the upper salt marsh.			
Quadrat Comments			
Edge of the visitor movement zone with evidence of trampling contained in a small area (<5m ²)			
Habitat Type			
CM2 Upper Salt Marsh			
Quadrat Type			
Tertiary Movement Zone			
Quadrat Type Comment			
None			
Quadrat Number		CFC-Q4	
X Coordinate	498709		
Y Coordinate	647543		
Survey Date	3 rd July 2017		
Surveyor	Andrew Torsney		
Substrate	Mud (sandy)		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	0		
Aspect	-		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	None		
Quadrat Management	None		
Adjacent Landuse	None		
Grazing Comments	None		
General Faunal Observations			
Swallows nesting and feeding in large numbers			
Structured Quadrat Cover Values (%)			
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)	40	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	40
Species Latin Name	Species English Name	Species cover (Domin)	
<i>Spartina anglica</i>	Common Cordgrass	8	
<i>Cakile maritima</i>	Sea rocket	5	

Carrigafoyle Castle		Site & Quadrat Number: 114 CFC-Q5	
Quadrat Description			
Salt marsh surrounding the site along the roadside right up to the wall. Lower salt marsh veins run through the upper salt marsh.			
Quadrat Comments			
None			
Habitat Type			
CM2 Upper Salt Marsh			
Quadrat Type			
Tertiary Movement Zone			
Quadrat Type Comment			
None			
Quadrat Number		CFC-Q5	
X Coordinate	498708		
Y Coordinate	647487		
Survey Date	3 rd July 2017		
Surveyor	Andrew Torsney		
Substrate	Mud (sandy)		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	0		
Aspect	-		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	None		
Quadrat Management	None		
Adjacent Landuse	None		
Grazing Comments	None		
General Faunal Observations			
Swallows nesting and feeding in large numbers			
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)	40
Species Latin Name	Species English Name	Species cover (Domin)	
Spartina anglica	Common Cordgrass	10	

Carrigafoyle Castle **Site & Quadrat Number: 114 CFC-Q6**

Quadrat Description

Salt marsh surrounding the site along the roadside right up to the wall. Lower salt marsh veins run through the upper salt marsh.

Quadrat Comments

None

Habitat Type

CM2 Upper Salt Marsh

Quadrat Type

Tertiary Movement Zone

Quadrat Type Comment

None

Quadrat Number CFC-Q6

X Coordinate 498728
Y Coordinate 647457
Survey Date 3rd July 2017
Surveyor Andrew Torsney

Substrate Mud (sandy)
Stability Soft
Substrate Depth (cm)
Slope Degrees 0
Aspect -

Water Table Depth (cm) Tidal
Comments on Hydrology None

Quadrat Management None
Adjacent Landuse None
Grazing Comments None

General Faunal Observations
 Swallows nesting and feeding in large numbers

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)	40

Species Latin Name	Species English Name	Species cover (Domin)
Spartina anglica	Common Cordgrass	10

Carrigafoyle Castle		Site & Quadrat Number: 114 CFC-Q7	
Quadrat Description Mud Flat within the salt marsh			
Quadrat Comments None			
Habitat Type CM4 Mud Shores			
Quadrat Type Tertiary Movement Zone			
Quadrat Type Comment None			
Quadrat Number		CFC-Q7	
X Coordinate	498700		
Y Coordinate	647513		
Survey Date	3 rd July 2017		
Surveyor	Andrew Torsney		
Substrate	Mud		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	0		
Aspect	-		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	None		
Quadrat Management	None		
Adjacent Landuse	None		
Grazing Comments	None		
General Faunal Observations Swallows nesting and feeding in large numbers			
Structured Quadrat Cover Values (%)			
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 English Name	Species cover (Domin)	
-	-	-	

Cappagh Pier		Site & Quadrat Number: 110a CP-Q1	
Quadrat Description Cobble beach			
Quadrat Comments None			
Habitat Type LS1 Shingle and Gravel Shores			
Quadrat Type Core Movement Zone			
Quadrat Type Comment None			
Quadrat Number		CP-Q1	
X Coordinate	498441		
Y Coordinate	654176		
Survey Date	3 rd July 2017		
Surveyor	Andrew Torsney		
Substrate	Cobbles		
Stability	Loose		
Substrate Depth (cm)			
Slope Degrees	0		
Aspect	-		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	None		
Quadrat Management	Beach cleaning		
Adjacent Landuse	Town Centre		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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 English Name	Species cover (Domin)	
-	-	-	

Cappagh Pier		Site & Quadrat Number: 110a CP-Q2	
Quadrat Description Cobble beach			
Quadrat Comments None			
Habitat Type LS1 Shingle and Gravel Shores			
Quadrat Type Core Movement Zone			
Quadrat Type Comment None			
Quadrat Number		CP-Q2	
X Coordinate	498465		
Y Coordinate	654140		
Survey Date	3 rd July 2017		
Surveyor	Andrew Torsney		
Substrate	Cobbles		
Stability	Loose		
Substrate Depth (cm)			
Slope Degrees	0		
Aspect	-		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	None		
Quadrat Management	Beach cleaning		
Adjacent Landuse	Town Centre		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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 English Name	Species cover (Domin)	
-	-	-	

Cappagh Pier		Site & Quadrat Number: 110a CP-Q3	
Quadrat Description Cobble beach			
Quadrat Comments None			
Habitat Type LS1 Shingle and Gravel Shores			
Quadrat Type Core Movement Zone			
Quadrat Type Comment None			
Quadrat Number		CP-Q3	
X Coordinate	498527		
Y Coordinate	654092		
Survey Date	3 rd July 2017		
Surveyor	Andrew Torsney		
Substrate	Cobbles		
Stability	Loose		
Substrate Depth (cm)			
Slope Degrees	0		
Aspect	-		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	None		
Quadrat Management	Beach cleaning		
Adjacent Landuse	Town Centre		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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 English Name	Species cover (Domin)	
<i>Matricaria discoidea</i>	Pineapple Weed	2	

Ballyvaughan Pier **Site & Quadrat Number: 94 BVP-Q1**

Quadrat Description

Salt marsh which has a mosaic of amenity grassland, used for grazing donkeys.

Quadrat Comments

None

Habitat Type

CM2 Upper Salt Marsh

Quadrat Type

Tertiary Movement Zone

Quadrat Type Comment

Adjacent to main visitor area, over a small wall

Quadrat Number BVP-Q1

X Coordinate 522887
Y Coordinate 708045
Survey Date 2nd July 2017
Surveyor Andrew Torsney

Substrate Mud/Soil
Stability Moderate
Substrate Depth (cm)
Slope Degrees 0
Aspect -

Water Table Depth (cm) Above tidal zone
Comments on Hydrology None

Quadrat Management Agriculture
Adjacent Landuse None
Grazing Comments Grazing donkeys
General Faunal Observations
 None

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)	<5	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	<5

Species Latin Name	Species English Name	Species cover (Domin)
<i>Agrostis stolonifera</i>	Creeping Bent	6
<i>Poa anua</i>	Poa	6
<i>Cakile maritima</i>	Sea Rocket	3

Ballyvaughan Pier **Site & Quadrat Number: 94 BVP-Q2**

Quadrat Description

Salt marsh which has a mosaic of amenity grassland, used for grazing donkeys.

Quadrat Comments

None

Habitat Type

CM2 Upper Salt Marsh

Quadrat Type

Tertiary Movement Zone

Quadrat Type Comment

Adjacent to main visitor area, over a small wall

Quadrat Number BVP-Q2

X Coordinate 522869
Y Coordinate 708085
Survey Date 2nd July 2017
Surveyor Andrew Torsney

Substrate Mud/Soil
Stability Moderate
Substrate Depth (cm)
Slope Degrees 0
Aspect -

Water Table Depth (cm) Above tidal zone
Comments on Hydrology None

Quadrat Management Agriculture
Adjacent Landuse None
Grazing Comments Grazing donkeys
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)	<5	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	<5

Species Latin Name	Species English Name	Species cover (Domin)
<i>Agrostis stolonifera</i>	Creeping Bent	6
<i>Poa anua</i>	Poa	6
<i>Cakile maritima</i>	Sea Rocket	3

Ballyvaughan Pier **Site & Quadrat Number: 94 BVP-Q3**

Quadrat Description

Salt marsh which has a mosaic of amenity grassland, used for grazing donkeys.

Quadrat Comments

None

Habitat Type

CM2 Upper Salt Marsh

Quadrat Type

Tertiary Movement Zone

Quadrat Type Comment

Adjacent to main visitor area, over a small wall

Quadrat Number BVP-Q3

X Coordinate 522853
Y Coordinate 708134
Survey Date 2nd July 2017
Surveyor Andrew Torsney

Substrate Mud/Soil
Stability Moderate
Substrate Depth (cm)
Slope Degrees 0
Aspect -

Water Table Depth (cm) Above tidal zone
Comments on Hydrology None

Quadrat Management Agriculture
Adjacent Landuse None
Grazing Comments Grazing donkeys
General Faunal Observations
 None

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)	<5	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	<5

Species Latin Name	Species English Name	Species cover (Domin)
<i>Agrostis stolonifera</i>	Creeping Bent	8
<i>Cakile maritima</i>	Sea Rocket	1

Ballyvaughan Pier		Site & Quadrat Number: 94 BVP-Q4	
Quadrat Description Rocky outcrop			
Quadrat Comments None			
Habitat Type LR1 Exposed Rocky Shores			
Quadrat Type Core Movement Zone			
Quadrat Type Comment None			
Quadrat Number		BVP-Q4	
X Coordinate	522747		
Y Coordinate	708329		
Survey Date	25 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Rock		
Stability	Solid		
Substrate Depth (cm)			
Slope Degrees	0		
Aspect	-		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	None		
Quadrat Management	Beach cleaning		
Adjacent Landuse	Town Centre		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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)	-	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	-
Species Latin Name	Species English Name	Species cover (Domin)	
-	-	-	

Ballyvaughan Pier		Site & Quadrat Number: 94 BVP-Q5	
Quadrat Description Pier			
Quadrat Comments None			
Habitat Type CC1 Sea Walls, piers and jetties			
Quadrat Type Core Movement Zone			
Quadrat Type Comment None			
Quadrat Number		BVP-Q5	
X Coordinate	522804		
Y Coordinate	708347		
Survey Date	25 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Cobbles		
Stability	Loose		
Substrate Depth (cm)			
Slope Degrees	0		
Aspect	-		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	None		
Quadrat Management	Beach cleaning		
Adjacent Landuse	Town Centre		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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)	-	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	-
Species Latin Name	Species English Name	Species cover (Domin)	
-	-	-	

Silver Strand		Site & Quadrat Number: 89 SS-Q1	
Quadrat Description Sandy beach, no literal zone evident			
Quadrat Comments None			
Habitat Type LS2 Sand Shores			
Quadrat Type Tertiary Movement Zones			
Quadrat Type Comment None			
Quadrat Number		SS-Q1	
X Coordinate	524778		
Y Coordinate	722897		
Survey Date	15 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Sand		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	5		
Aspect	S		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	Moderate literal zone		
Quadrat Management	Beach management, lifeguard patrol		
Adjacent Landuse	Amenity and recreation		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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 English Name	Species cover (Domin)	
-	-	-	

Silver Strand		Site & Quadrat Number: 89 SS-Q2	
Quadrat Description Sandy beach, no literal zone evident			
Quadrat Comments None			
Habitat Type LS2 Sand Shores			
Quadrat Type Core Movement Zones			
Quadrat Type Comment None			
Quadrat Number		SS-Q2	
X Coordinate	534925		
Y Coordinate	722850		
Survey Date	15 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Sand		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	5		
Aspect	S		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	Moderate literal zone		
Quadrat Management	Beach management, lifeguard patrol		
Adjacent Landuse	Amenity and recreation		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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 English Name	Species cover (Domin)	
-	-	-	

Silver Strand **Site & Quadrat Number: 89 SS-Q3**

Quadrat Description

Grassy hill with limited access, visitor access restricted through signs. However, this is evidence of movement and trampling.

Quadrat Comments

None

Habitat Type

GS3 Dry-humid Acid Grassland

Quadrat Type

Secondary

Quadrat Type Comment

None

Quadrat Number SS-Q3

X Coordinate 534925
Y Coordinate 722850
Survey Date 15th July 2017
Surveyor Andrew Torsney

Substrate Soil
Stability Very Firm
Substrate Depth (cm)
Slope Degrees 10
Aspect W

Water Table Depth (cm) Tidal
Comments on Hydrology Moderate literal zone

Quadrat Management Farmland
Adjacent Landuse Grazing and amenity
Grazing Comments Grazing by cattle
General Faunal Observations
 None

Structured Quadrat Cover Values (%)

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)	<2	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	<2

Species Latin Name	Species English Name	Species cover (Domin)
<i>Festuca ovina</i>	Sheeps fescue	6
<i>Agrostis spp.</i>	Bent	6

Omey Island **Site & Quadrat Number: 78 Omey-Q1**

Quadrat Description

Trampled road/desire line is evident; however, rocks appear to limit vehicular access which may be newly places

Quadrat Comments

None

Habitat Type

GS3 Dry-humid Acid Grassland

Quadrat Type

Core Movement Area

Quadrat Type Comment

None

Quadrat Number Omey-Q1

X Coordinate 456527
Y Coordinate 755184
Survey Date 15th July 2017
Surveyor Andrew Torsney

Substrate Soil
Stability Firm
Substrate Depth (cm)
Slope Degrees 5
Aspect W

Water Table Depth (cm) Below the surface
Comments on Hydrology None

Quadrat Management None
Adjacent Landuse Amenity use and recreation
Grazing Comments Rabbit grazing abundant
General Faunal Observations
 Rabbits are rampant

Structured Quadrat Cover Values (%)

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)	<10	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	<10

Species Latin Name	Species English Name	Species cover (Domin)
<i>Festuca ovina</i>	Sheeps fescue	8

Omey Island **Site & Quadrat Number: 78 Omey-Q2**

Quadrat Description

Adjacent to the trampled road/desire line is evident; however, rocks appear to limit vehicular access which may be newly places

Quadrat Comments

None

Habitat Type

GS3 Dry-humid Acid Grassland

Quadrat Type

Core Movement Area

Quadrat Type Comment

None

Quadrat Number Omey-Q2

X Coordinate 456531
Y Coordinate 755245
Survey Date 15th July 2017
Surveyor Andrew Torsney

Substrate Soil
Stability Firm
Substrate Depth (cm)
Slope Degrees 5
Aspect W

Water Table Depth (cm) Below the surface
Comments on Hydrology None

Quadrat Management None
Adjacent Landuse Amenity use and recreation
Grazing Comments Rabbit grazing abundant
General Faunal Observations
 Rabbits are rampant

Structured Quadrat Cover Values (%)

Total Vegetation Cover	85	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	85	Bare Peat/Soil Cover	15
Bryophyte Cover	0	Open Water Cover	0

Height of Vegetation (cm)	<10	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	<10

Species Latin Name	Species English Name	Species cover (Domin)
<i>Festuca ovina</i>	Sheeps fescue	8
<i>Hypochaeris radicata</i>	Cats ear	2

Omey Island **Site & Quadrat Number: 78 Omey-Q3**

Quadrat Description

Large machair acid grassland mosaic, heavily grazed by rabbits.

Quadrat Comments

None

Habitat Type

CD6 Machair

Quadrat Type

Secondary Movement Area

Quadrat Type Comment

None

Quadrat Number Omey-Q3

X Coordinate 456474
Y Coordinate 755528
Survey Date 15th July 2017
Surveyor Andrew Torsney

Substrate Soil
Stability Firm
Substrate Depth (cm)
Slope Degrees 5
Aspect E

Water Table Depth (cm) Below the surface
Comments on Hydrology None

Quadrat Management None
Adjacent Landuse Amenity use and recreation
Grazing Comments Rabbit grazing abundant
General Faunal Observations
 Rabbits are rampant

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)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	<10

Species Latin Name	Species English Name	Species cover (Domin)
<i>Ladies bedstraw</i>	Ladies Bedstraw	7
<i>Prunella vulgaris</i>	Selfheal	5
<i>Euphrasia officinalis</i>	Eyebright	6
<i>Thymus serpyllum</i>	Wild Thyme	7
<i>Lotus corniculatus</i>	Birdsfoot trefoil	4
<i>Festuca ovina</i>	Sheep's Fescue	5

Omey Island		Site & Quadrat Number: 78 Omey-Q4	
Quadrat Description Lakeside coverage no slope			
Quadrat Comments None			
Habitat Type GS3 Dry-humid Acid Grassland			
Quadrat Type Secondary Movement Area			
Quadrat Type Comment None			
Quadrat Number		Omey-Q4	
X Coordinate	456565		
Y Coordinate	755530		
Survey Date	15 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Soil		
Stability	Firm		
Substrate Depth (cm)			
Slope Degrees	0		
Aspect	-		
Water Table Depth (cm)	Below the surface		
Comments on Hydrology	None		
Quadrat Management	None		
Adjacent Landuse	Amenity use and recreation		
Grazing Comments	Rabbit grazing abundant		
General Faunal Observations	Rabbits are rampant		
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)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	<10
Species Latin Name	Species English Name	Species cover (Domin)	
<i>Galium verum</i>	Ladies Bedstraw	7	
<i>Plantago lanceolata</i>	Ribwort Plantain	5	
<i>Festuca ovina</i>	Sheeps fescue	7	

Omey Island **Site & Quadrat Number: 78 Omey-Q5**

Quadrat Description

Sheltered side of the grassland adjacent to the beach

Quadrat Comments

None

Habitat Type

GS3 Dry-humid Acid Grassland

Quadrat Type

Core Movement Area

Quadrat Type Comment

None

Quadrat Number Omey-Q5

X Coordinate 456463
Y Coordinate 755412
Survey Date 15th July 2017
Surveyor Andrew Torsney

Substrate Soil
Stability Firm
Substrate Depth (cm)
Slope Degrees 5
Aspect W

Water Table Depth (cm) Below the surface
Comments on Hydrology None

Quadrat Management None
Adjacent Landuse Amenity use and recreation
Grazing Comments Rabbit grazing abundant
General Faunal Observations
 Rabbits are rampant

Structured Quadrat Cover Values (%)

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)	<10	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	<10

Species Latin Name	Species English Name	Species cover (Domin)
<i>Festuca ovina</i>	Sheeps fescue	9
<i>Hypochaeris radicata</i>	Cats ear	3

Omey Island		Site & Quadrat Number: 78 Omey-Q6	
Quadrat Description Grassland Machair Mosaic			
Quadrat Comments None			
Habitat Type GS3 Dry-humid Acid Grassland			
Quadrat Type Core Movement Area			
Quadrat Type Comment None			
Quadrat Number		Omey-Q6	
X Coordinate	456461		
Y Coordinate	755371		
Survey Date	15 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Soil		
Stability	Firm		
Substrate Depth (cm)			
Slope Degrees	5		
Aspect	E		
Water Table Depth (cm)	Below the surface		
Comments on Hydrology	None		
Quadrat Management	None		
Adjacent Landuse	Amenity use and recreation		
Grazing Comments	Rabbit grazing abundant		
General Faunal Observations	Rabbits are rampant		
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)	10-15	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	10-15
Species Latin Name	Species English Name	Species cover (Domin)	
<i>Festuca sp</i>	Fescue	9	
<i>Armeria maritima</i>	Sea Pink	4	

Omey Island		Site & Quadrat Number: 78 Omey-Q7	
Quadrat Description Sheltered bay with a very small littoral zone. Not uniform, and less than 0.5m long			
Quadrat Comments None			
Habitat Type LS2 Sandy Shore			
Quadrat Type Core Movement Area			
Quadrat Type Comment None			
Quadrat Number		Omey-Q7	
X Coordinate	456388		
Y Coordinate	755466		
Survey Date	15 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Sand		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	2		
Aspect	W		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	Tidal		
Quadrat Management	None		
Adjacent Landuse	Amenity use and recreation		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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 English Name	Species cover (Domin)	
-	-	-	

Omey Island **Site & Quadrat Number: 78 Omey-Q8**

Quadrat Description

Dune 50cm at the upper limits of the minor littoral zone

Quadrat Comments

None

Habitat Type

CD1 Embryonic Dunes

Quadrat Type

Core Movement Area

Quadrat Type Comment

None

Quadrat Number Omey-Q8

X Coordinate 456438
Y Coordinate 755384
Survey Date 15th July 2017
Surveyor Andrew Torsney

Substrate Sand
Stability Soft
Substrate Depth (cm)
Slope Degrees 30
Aspect W

Water Table Depth (cm) Tidal
Comments on Hydrology Tidal

Quadrat Management None
Adjacent Landuse Amenity use and recreation
Grazing Comments None
General Faunal Observations None

Structured Quadrat Cover Values (%)

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)	25	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	25

Species Latin Name	Species English Name	Species cover (Domin)
<i>Leymus arenarius</i>	Lime Grass	6
<i>Cakile maritima</i>	Sea Rocket	5

Omey Island **Site & Quadrat Number: 78 Omey-Q9**

Quadrat Description

Machair coverage, which has been grazed by rabbits.

Quadrat Comments

None

Habitat Type

CD6 Machair

Quadrat Type

Secondary Movement Area

Quadrat Type Comment

None

Quadrat Number Omey Q9

X Coordinate 456031
Y Coordinate 755853
Survey Date 15th July 2017
Surveyor Andrew Torsney

Substrate Soil
Stability Firm
Substrate Depth (cm)
Slope Degrees 10
Aspect S

Water Table Depth (cm) Below the surface
Comments on Hydrology None

Quadrat Management None
Adjacent Landuse Amenity use and recreation
Grazing Comments Rabbit grazing abundant
General Faunal Observations
 Rabbits are rampant

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)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	<10

Species Latin Name	Species English Name	Species cover (Domin)
<i>Galium verum</i>	Ladies Bedstraw	7
<i>Anacamptis pyramidalis</i>	Pyramidal Orchid	2
<i>Achillea millefolium</i>	Yarrow	1
<i>Plantago lanceolata</i>	Ribwort Plantain	5
<i>Anthyllis vulneraria</i>	Kidney Vetch	6
<i>Festuca rubra</i>	Red Fescue	4

Omey Island **Site & Quadrat Number: 78 Omey-Q10**

Quadrat Description

Large machair acid grassland mosaic, grazed by rabbits less evidence of grazing than other areas.

Quadrat Comments

None

Habitat Type

CD6 Machair

Quadrat Type

Tertiary Movement Area

Quadrat Type Comment

None

Quadrat Number Omey-Q10

X Coordinate 455920
Y Coordinate 756048
Survey Date 15th July 2017
Surveyor Andrew Torsney

Substrate Soil
Stability Firm
Substrate Depth (cm)
Slope Degrees 7
Aspect N

Water Table Depth (cm) Below the surface
Comments on Hydrology None

Quadrat Management None
Adjacent Landuse Amenity use and recreation
Grazing Comments Rabbit grazing abundant
General Faunal Observations
 Rabbits

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)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	<10

Species Latin Name	Species English Name	Species cover (Domin)
<i>Ladies bedstraw</i>	Ladies Bedstraw	6
<i>Prunella vulgaris</i>	Selfheal	6
<i>Euphrasia officinalis</i>	Eyebright	7
<i>Thymus serpyllum</i>	Wild Thyme	7
<i>Lotus corniculatus</i>	Birdsfoot trefoil	4
<i>Festuca ovina</i>	Sheep's Fescue	7

Omey Island		Site & Quadrat Number: 78 Omey-Q11	
Quadrat Description			
Large machair acid grassland mosaic, grazed by rabbits less evidence of grazing than other areas. Exposed rocks are evident across the habitat.			
Quadrat Comments			
None			
Habitat Type			
CD6 Machair			
Quadrat Type			
Secondary Movement Area			
Quadrat Type Comment			
None			
Quadrat Number		Omey-Q11	
X Coordinate	456364		
Y Coordinate	756227		
Survey Date	15 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Soil		
Stability	Firm		
Substrate Depth (cm)			
Slope Degrees	10		
Aspect	N		
Water Table Depth (cm)	Below the surface		
Comments on Hydrology	None		
Quadrat Management	None		
Adjacent Landuse	Amenity use and recreation		
Grazing Comments	Rabbit grazing abundant		
General Faunal Observations	Rabbits		
Structured Quadrat Cover Values (%)			
Total Vegetation Cover	90	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	10
Herb Grass Cover	90	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)	<10
Species Latin Name	Species English Name	Species cover (Domin)	
<i>Ladies bedstraw</i>	Ladies Bedstraw	6	
<i>Prunella vulgaris</i>	Selfheal	6	
<i>Euphrasia officinalis</i>	Eyebright	4	
<i>Thymus serpyllum</i>	Wild Thyme	8	
<i>Festuca ovina</i>	Sheep's Fescue	7	

Omey Island		Site & Quadrat Number: 78 Omey-Q12	
Quadrat Description Intertidal rock pools with some sand due to sheltered nature of the topography			
Quadrat Comments None			
Habitat Type LR1 Exposed Rocky Shore			
Quadrat Type Secondary Movement Area			
Quadrat Type Comment None			
Quadrat Number		Omey-Q12	
X Coordinate	456244		
Y Coordinate	756299		
Survey Date	15 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Rock		
Stability	Hard		
Substrate Depth (cm)			
Slope Degrees	Jagged		
Aspect	-		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	Tidal		
Quadrat Management	None		
Adjacent Landuse	Amenity use and recreation		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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)	-	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	-
Species Latin Name	Species English Name	Species cover (Domin)	
-	-	-	

Oileann Chloigeann **Site & Quadrat Number: 56 OC-Q1**

Quadrat Description

Small loose dune just beyond the littoral zone before the fixed dune embankment.

Quadrat Comments

None

Habitat Type

CD1 Embryonic Dunes

Quadrat Type

Core Movement Area

Quadrat Type Comment

None

Quadrat Number OC-Q1

X Coordinate 472114
Y Coordinate 826874
Survey Date 25th July 2017
Surveyor Andrew Torsney

Substrate Sand
Stability Soft
Substrate Depth (cm)
Slope Degrees 2
Aspect NW

Water Table Depth (cm) Tidal
Comments on Hydrology Tidal

Quadrat Management None
Adjacent Landuse Amenity use and recreation
Grazing Comments None
General Faunal Observations None

Structured Quadrat Cover Values (%)

Total Vegetation Cover	40	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	40	Bare Peat/Soil Cover	60
Bryophyte Cover	0	Open Water Cover	0

Height of Vegetation (cm)	20	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	20

Species Latin Name	Species English Name	Species cover (Domin)
<i>Leymus arenarius</i>	Lime Grass	5

Oileann Chloigeann **Site & Quadrat Number:** **56** **OC-Q2**

Quadrat Description

Dunne Embankment which has had partial dune reinforcements put in place

Quadrat Comments

None

Habitat Type

CD2 Marram Dunes

Quadrat Type

Core Movement Area

Quadrat Type Comment

None

Quadrat Number OC-Q2

X Coordinate 472232
Y Coordinate 826755
Survey Date 25th July 2017
Surveyor Andrew Torsney

Substrate Sand
Stability Soft
Substrate Depth (cm)
Slope Degrees 30
Aspect NE

Water Table Depth (cm) Just above the tidal zone
Comments on Hydrology Tidal

Quadrat Management None
Adjacent Landuse Amenity use and recreation
Grazing Comments None
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)	40

Species Latin Name	Species English Name	Species cover (Domin)
<i>Ammophila arenaria</i>	Marram Grass	9
<i>Campanula rotundifolia</i>	Haresbell	5

Oileann Chloigeann **Site & Quadrat Number:** **56** **OC-Q3**

Quadrat Description

Dunne embankment close to the site carpark

Quadrat Comments

None

Habitat Type

CD3 Fixed Dunes

Quadrat Type

Core Movement Area

Quadrat Type Comment

None

Quadrat Number OC-Q3

X Coordinate 472410
Y Coordinate 826652
Survey Date 25th July 2017
Surveyor Andrew Torsney

Substrate Sand
Stability Soft
Substrate Depth (cm)
Slope Degrees 150
Aspect NE

Water Table Depth (cm) Just above the tidal zone
Comments on Hydrology Tidal

Quadrat Management None
Adjacent Landuse Amenity use and recreation
Grazing Comments None
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)	40

Species Latin Name	Species English Name	Species cover (Domin)
<i>Ammophila arenaria</i>	Marram Grass	7
<i>Campanula rotundifolia</i>	Haresbell	2
<i>Cakile maritima</i>	Sea rocket	5

Oileann Chloigeann		Site & Quadrat Number: 56 OC-Q4	
Quadrat Description			
Flat sheltered bay, literal layer present and Needle shells abundant (<i>Bittium reticulatum</i>). Litter present.			
Quadrat Comments			
None			
Habitat Type			
LS2 Sandy Shores			
Quadrat Type			
Core Movement Area			
Quadrat Type Comment			
None			
Quadrat Number		OC-Q4	
X Coordinate	472396		
Y Coordinate	826719		
Survey Date	25 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Sand		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	-		
Aspect	-		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	Tidal		
Quadrat Management	None		
Adjacent Landuse	Amenity use and recreation		
Grazing Comments	None		
General Faunal Observations			
Needle Shells <i>Bittium reticulatum</i>			
Structured Quadrat Cover Values (%)			
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 English Name	Species cover (Domin)	
-	-	-	

Strandhill	Site & Quadrat Number: 40 SH-Q1		
Quadrat Description High traffic area of the beach.			
Quadrat Comments None			
Habitat Type LS1 Shingle and Gravel Shores			
Quadrat Type Core Movement Area			
Quadrat Type Comment None			
Quadrat Number			SH-Q1
X Coordinate	560189		
Y Coordinate	835793		
Survey Date	24 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Cobble/Gravel		
Stability	Loose		
Substrate Depth (cm)			
Slope Degrees	-		
Aspect	-		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	Tidal		
Quadrat Management	None		
Adjacent Landuse	Amenity use and recreation		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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)	-	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	-
Species Latin Name	Species English Name	Species cover (Domin)	
-	-	-	

Strandhill	Site & Quadrat Number: 40 SH-Q2		
Quadrat Description High traffic area of the beach.			
Quadrat Comments None			
Habitat Type LS2 Sandy Shores			
Quadrat Type Core Movement Area			
Quadrat Type Comment None			
Quadrat Number			SH-Q2
X Coordinate	559781		
Y Coordinate	835277		
Survey Date	24 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Sand		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	-		
Aspect	-		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	Tidal		
Quadrat Management	None		
Adjacent Landuse	Amenity use and recreation		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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 English Name	Species cover (Domin)	
-	-	-	

Strandhill	Site & Quadrat Number: 40 SH-Q3		
Quadrat Description High traffic area of the dunes heavily impacted, presence of cinnabar moth recorded.			
Quadrat Comments None			
Habitat Type CD2 Marram Dune			
Quadrat Type Secondary Movement Area			
Quadrat Type Comment None			
Quadrat Number		SH-Q3	
X Coordinate	559929		
Y Coordinate	835334		
Survey Date	24 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Sand		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	10		
Aspect	W		
Water Table Depth (cm)	Below the surface		
Comments on Hydrology	None		
Quadrat Management	None		
Adjacent Landuse	Amenity use and recreation		
Grazing Comments	None		
General Faunal Observations	Cinnabar moth abundant		
Structured Quadrat Cover Values (%)			
Total Vegetation Cover	85	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	85	Bare Peat/Soil Cover	15
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	100	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	100
Species Latin Name	Species English Name	Species cover (Domin)	
<i>Jacobaea vulgaris</i>	Ragwort	5	
<i>Ammophila arenaria</i>	Marram Grass	7	
<i>Festuca Spp.</i>	Fescue	5	

Strandhill	Site & Quadrat Number: 40 SH-Q4		
Quadrat Description High traffic area of the dunes heavily impacted, presence of cinnabar moth recorded.			
Quadrat Comments None			
Habitat Type CD2 Marram Dune			
Quadrat Type Secondary Movement Area			
Quadrat Type Comment None			
Quadrat Number			SH-Q4
X Coordinate	559887		
Y Coordinate	835285		
Survey Date	24 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Sand		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	15		
Aspect	S		
Water Table Depth (cm)	Below the surface		
Comments on Hydrology	None		
Quadrat Management	None		
Adjacent Landuse	Amenity use and recreation		
Grazing Comments	None		
General Faunal Observations	Cinnabar moth abundant		
Structured Quadrat Cover Values (%)			
Total Vegetation Cover	75	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	75	Bare Peat/Soil Cover	25
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	100	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	100
Species Latin Name	Species English Name	Species cover (Domin)	
<i>Jacobaea vulgaris</i>	Ragwort	5	
<i>Ammophila arenaria</i>	Marram Grass	6	
<i>Festuca Spp.</i>	Fescue	4	

Strandhill	Site & Quadrat Number: 40 SH-Q5		
Quadrat Description			
High traffic area of the beach but less frequented by visitors as indicated by the visitor data. No evidence of trampling			
Quadrat Comments			
None			
Habitat Type			
CD3 Fixed Dunes			
Quadrat Type			
Secondary Movement Area			
Quadrat Type Comment			
None			
Quadrat Number		SH-Q5	
X Coordinate	559298		
Y Coordinate	834367		
Survey Date	24 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Sand		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	15		
Aspect	S		
Water Table Depth (cm)	Below the surface		
Comments on Hydrology	None		
Quadrat Management	None		
Adjacent Landuse	Amenity use and recreation		
Grazing Comments	None		
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)	40
Species Latin Name	Species English Name	Species cover (Domin)	
<i>Agrostis Spp.</i>	Bent	5	
<i>Festuca Rubra</i>	Red Fescue	8	

Strandhill		Site & Quadrat Number: 40 SH-Q6	
Quadrat Description Beach widens and the shoreline is less impacted by strong wave action			
Quadrat Comments None			
Habitat Type LS2 Sandy Shores			
Quadrat Type Core Movement Area			
Quadrat Type Comment None			
Quadrat Number		SH-Q6	
X Coordinate	559302		
Y Coordinate	834726		
Survey Date	24 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Sand		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	-		
Aspect	-		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	Tidal		
Quadrat Management	None		
Adjacent Landuse	Amenity use and recreation		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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 English Name	Species cover (Domin)	
-	-	-	

Strandhill	Site & Quadrat Number: 40 SH-Q7		
Quadrat Description Sheltered side of the peninsula on the estuary side			
Quadrat Comments None			
Habitat Type LS2 Sandy Shores			
Quadrat Type Core Movement Area			
Quadrat Type Comment None			
Quadrat Number			SH-Q7
X Coordinate	559711		
Y Coordinate	834499		
Survey Date	24 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Sand		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	-		
Aspect	-		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	Tidal		
Quadrat Management	None		
Adjacent Landuse	Amenity use and recreation		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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 English Name	Species cover (Domin)	
-	-	-	

Strandhill	Site & Quadrat Number: 40 SH-Q8		
Quadrat Description Severe erosion evident.			
Quadrat Comments None			
Habitat Type CD3 Fixed Dunes			
Quadrat Type Secondary Movement Area			
Quadrat Type Comment None			
Quadrat Number			SH-Q8
X Coordinate	560018		
Y Coordinate	834958		
Survey Date	24 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Sand		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	40		
Aspect	SW		
Water Table Depth (cm)	Below the surface		
Comments on Hydrology	None		
Quadrat Management	None		
Adjacent Landuse	Amenity use and recreation		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
Total Vegetation Cover	50	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	50	Bare Peat/Soil Cover	50
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	30	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	30
Species Latin Name	Species English Name	Species cover (Domin)	
<i>Agrostis Spp.</i>	Bent	5	
<i>Festuca Rubra</i>	Red Fescue	5	

Strandhill	Site & Quadrat Number: 40 SH-Q9		
Quadrat Description Golf course adjacent			
Quadrat Comments None			
Habitat Type CD3 Fixed Dunes			
Quadrat Type Tertiary Movement Area			
Quadrat Type Comment None			
Quadrat Number			SH-Q9
X Coordinate	560311		
Y Coordinate	834864		
Survey Date	24 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Sand		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	40		
Aspect	SW		
Water Table Depth (cm)	Below the surface		
Comments on Hydrology	None		
Quadrat Management	None		
Adjacent Landuse	Amenity use and recreation		
Grazing Comments	None		
General Faunal Observations	Cinnabar moth		
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)	50	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	50
Species Latin Name	Species English Name	Species cover (Domin)	
<i>Agrostis Spp.</i>	Bent	6	
<i>Anthoxanthum odoratum</i>	Sweet Vernal Grass	4	
<i>Jacobaea vulgaris</i>	Ragwort	5	
<i>Festuca Rubra</i>	Red Fescue	5	

Murvagh Beach **Site & Quadrat Number: 34 Murv-Q1**

Quadrat Description

Woodland with walking trails throughout to the north west of the carpark

Quadrat Comments

None

Habitat Type

WD2 Mixed Broadleaved/Conifer Woodland

Quadrat Type

Tertiary Movement Area

Quadrat Type Comment

None

Quadrat Number Murv-Q1

X Coordinate 589706
Y Coordinate 872923
Survey Date 14th July 2017
Surveyor Andrew Torsney

Substrate Soil
Stability Moderate
Substrate Depth (cm)
Slope Degrees -
Aspect -

Water Table Depth (cm) Below Surface
Comments on Hydrology None

Quadrat Management None
Adjacent Landuse Amenity use and recreation
Grazing Comments None
General Faunal Observations None

Structured Quadrat Cover Values (%)

Total Vegetation Cover	100	Litter Cover	100
Tree Cover	0	Algae Cover	0
Shrub Cover	50	Rock Cover	0
Herb Grass Cover	50	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	50-200	Height Shrub Layer (cm)	200
Height Tree Layer (m)	>5	Height Herb Layer (cm)	50

Species Latin Name	Species English Name	Species cover (Domin)
<i>Pteridium aquilinum</i>	Bracken	3
<i>Athyrium filix-femina</i>	Lady Fern	3
<i>Agrostis spp.</i>	Bent	6
<i>Bromus hordeaceus</i>	Brome Grass	4
<i>Dryopteris affinis</i>	Male scaly fern	4
<i>Rubus fruticosus</i>	Brambles	6
<i>Galeopsis tetrahit</i>	Hemp Nettle	3
<i>Hypericum androsaemum</i>	Tutson	4
<i>Acer pseudoplatanus</i>	Sycamore	4
<i>Daucus carota</i>	Wild Carrot	5
<i>Pinus spp.</i>	Pine	8

Murvagh Beach **Site & Quadrat Number: 34 Murv-Q2**

Quadrat Description

Woodland with walking trails throughout to the north west of the carpark

Quadrat Comments

None

Habitat Type

WD2 Mixed Broadleaved/Conifer Woodland

Quadrat Type

Tertiary Movement Area

Quadrat Type Comment

None

Quadrat Number Murv-Q2

X Coordinate 589690
Y Coordinate 872858
Survey Date 14th July 2017
Surveyor Andrew Torsney

Substrate Soil
Stability Moderate
Substrate Depth (cm)
Slope Degrees -
Aspect -

Water Table Depth (cm) Below Surface
Comments on Hydrology None

Quadrat Management None
Adjacent Landuse Amenity use and recreation
Grazing Comments None
General Faunal Observations None

Structured Quadrat Cover Values (%)

Total Vegetation Cover	100	Litter Cover	100
Tree Cover	0	Algae Cover	0
Shrub Cover	50	Rock Cover	0
Herb Grass Cover	50	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0

Height of Vegetation (cm)	50-200	Height Shrub Layer (cm)	200
Height Tree Layer (m)	>5	Height Herb Layer (cm)	50

Species Latin Name	Species English Name	Species cover (Domin)
<i>Pteridium aquilinum</i>	Bracken	3
<i>Athyrium filix-femina</i>	Lady Fern	3
<i>Bromus hordeaceus</i>	Brome Grass	3
<i>Agrostis spp.</i>	Bent	7
<i>Dryopteris affinis</i>	Male scaly fern	5
<i>Rubus fruticosus</i>	Brambles	6
<i>Galeopsis tetrahit</i>	Hemp Nettle	3
<i>Acer pseudoplatanus</i>	Sycamore	6
<i>Daucus carota</i>	Wild Carrot	3
<i>Pinus spp.</i>	Pine	8
<i>Betula pendula</i>	Silver Birch	3

Murvagh Beach		Site & Quadrat Number: 34 Murv-Q3	
Quadrat Description Sandy beach, high short littoral zone			
Quadrat Comments None			
Habitat Type LS2 Sandy Shores			
Quadrat Type Core Movement Area			
Quadrat Type Comment None			
Quadrat Number		Murv-Q3	
X Coordinate	589454		
Y Coordinate	872958		
Survey Date	14 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Sand		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	-		
Aspect	-		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	None		
Quadrat Management	None		
Adjacent Landuse	Amenity use and recreation		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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 English Name	Species cover (Domin)	
-	-	-	

Murvagh Beach		Site & Quadrat Number: 34 Murv-Q4	
Quadrat Description Sandy beach, high short littoral zone			
Quadrat Comments None			
Habitat Type LS2 Sandy Shores			
Quadrat Type Core Movement Area			
Quadrat Type Comment None			
Quadrat Number		Murv-Q4	
X Coordinate	589437		
Y Coordinate	873122		
Survey Date	14 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Sand		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	-		
Aspect	-		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	None		
Quadrat Management	None		
Adjacent Landuse	Amenity use and recreation		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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 English Name	Species cover (Domin)	
-	-	-	

Murvagh Beach **Site & Quadrat Number: 34 Murv-Q5**

Quadrat Description

Dune system along the beach. Mild evidence of trampling but no defined desire line present.

Quadrat Comments

None

Habitat Type

CD3 Fixed Dunes

Quadrat Type

Secondary Movement Zone

Quadrat Type Comment

None

Quadrat Number Murv-Q5

X Coordinate 589551
Y Coordinate 873047
Survey Date 14th July 2017
Surveyor Andrew Torsney

Substrate Sand
Stability Soft
Substrate Depth (cm)
Slope Degrees 5
Aspect E

Water Table Depth (cm) Below the surface
Comments on Hydrology None

Quadrat Management Beach management, lifeguard patrol
Adjacent Landuse Amenity and recreation
Grazing Comments None
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)	50-100	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	50-100

Species Latin Name	Species English Name	Species cover (Domin)
<i>Festuca rubra</i>	Red fescue	8
<i>Jacobaea vulgaris</i>	Ragwort	2
<i>Agrostis spp.</i>	Bent Grass	6

Murvagh Beach **Site & Quadrat Number: 34 Murv-Q6**

Quadrat Description

Dune system along the beach. Mild evidence of trampling but no defined desire line present.

Quadrat Comments

None

Habitat Type

CD3 Fixed Dunes

Quadrat Type

Secondary Movement Zone

Quadrat Type Comment

None

Quadrat Number Murv-Q6

X Coordinate 589567
Y Coordinate 873179
Survey Date 14th July 2017
Surveyor Andrew Torsney

Substrate Sand
Stability Soft
Substrate Depth (cm)
Slope Degrees 5
Aspect E

Water Table Depth (cm) Below the surface
Comments on Hydrology None

Quadrat Management Beach management, lifeguard patrol
Adjacent Landuse Amenity and recreation
Grazing Comments None
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)	50-100	Height Shrub Layer (cm)	0
Height Tree Layer (m)	0	Height Herb Layer (cm)	50-100

Species Latin Name	Species English Name	Species cover (Domin)
<i>Festuca rubra</i>	Red fescue	8
<i>Agrostis spp.</i>	Bent Grass	6

Murvagh Beach **Site & Quadrat Number: 34 Murv-Q7**

Quadrat Description

Dune adjacent to the desire line path. Path use is evident, and impacts are channelled along the existing desire lines.

Quadrat Comments

None

Habitat Type

CD2 Marram Dunes

Quadrat Type

Tertiary Movement Area

Quadrat Type Comment

None

Quadrat Number Murv-Q7

X Coordinate 478499
Y Coordinate 872888
Survey Date 14th July 2017
Surveyor Andrew Torsney

Substrate Sand
Stability Soft
Substrate Depth (cm)
Slope Degrees 15
Aspect W

Water Table Depth (cm) Below Surface
Comments on Hydrology None

Quadrat Management None
Adjacent Landuse Amenity use and recreation
Grazing Comments None
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)	100	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	100

Species Latin Name	Species English Name	Species cover (Domin)
<i>Ammophila arenaria</i>	Marram Grass	10

Murvagh Beach **Site & Quadrat Number: 34 Murv-Q8**

Quadrat Description

Dune adjacent to the desire line path. Path use is evident, and impacts are channelled along the existing desire lines.

Quadrat Comments

None

Habitat Type

CD2 Marram Dunes

Quadrat Type

Tertiary Movement Area

Quadrat Type Comment

None

Quadrat Number Murv-Q8

X Coordinate 589475
Y Coordinate 873151
Survey Date 14th July 2017
Surveyor Andrew Torsney

Substrate Sand
Stability Soft
Substrate Depth (cm)
Slope Degrees 15
Aspect W

Water Table Depth (cm) Below Surface
Comments on Hydrology None

Quadrat Management None
Adjacent Landuse Amenity use and recreation
Grazing Comments None
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)	100	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	100

Species Latin Name	Species English Name	Species cover (Domin)
<i>Ammophila arenaria</i>	Marram Grass	10

Murvagh Beach **Site & Quadrat Number: 34 Murv-Q9**

Quadrat Description

Dune adjacent to the desire line path. Path use is evident, and impacts are channelled along the existing desire lines.

Quadrat Comments

None

Habitat Type

CD2 Marram Dunes

Quadrat Type

Core Movement Area

Quadrat Type Comment

None

Quadrat Number Murv-Q9

X Coordinate 589238
Y Coordinate 873962
Survey Date 14th July 2017
Surveyor Andrew Torsney

Substrate Sand
Stability Soft
Substrate Depth (cm)
Slope Degrees 15
Aspect W

Water Table Depth (cm) Below Surface
Comments on Hydrology None

Quadrat Management None
Adjacent Landuse Amenity use and recreation
Grazing Comments None
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)	100	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	100

Species Latin Name	Species English Name	Species cover (Domin)
<i>Ammophila arenaria</i>	Marram Grass	10

Murvagh Beach		Site & Quadrat Number: 34 Murv-Q10	
Quadrat Description Sandy beach, high short littoral zone			
Quadrat Comments None			
Habitat Type LS2 Sandy Shores			
Quadrat Type Tertiary Movement Area			
Quadrat Type Comment None			
Quadrat Number		Murv-Q10	
X Coordinate	589199		
Y Coordinate	874616		
Survey Date	14 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Sand		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	-		
Aspect	-		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	None		
Quadrat Management	None		
Adjacent Landuse	Amenity use and recreation		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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 English Name	Species cover (Domin)	
-	-	-	

Murvagh Beach		Site & Quadrat Number: 34 Murv-Q11	
Quadrat Description Sandy beach, high short littoral zone			
Quadrat Comments None			
Habitat Type LS2 Sandy Shores			
Quadrat Type Core Movement Area			
Quadrat Type Comment None			
Quadrat Number		Murv-Q11	
X Coordinate	589172		
Y Coordinate	874901		
Survey Date	14 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Sand		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	-		
Aspect	-		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	None		
Quadrat Management	None		
Adjacent Landuse	Amenity use and recreation		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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 English Name	Species cover (Domin)	
-	-	-	

Murvagh Beach		Site & Quadrat Number: 34 Murv-Q12	
Quadrat Description Small dune mound with sparse vegetation.			
Quadrat Comments None			
Habitat Type CD1 Embryonic Dunes			
Quadrat Type Tertiary Movement Area			
Quadrat Type Comment None			
Quadrat Number		Murv-Q12	
X Coordinate	589527		
Y Coordinate	875218		
Survey Date	14 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Sand		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	-		
Aspect	-		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	None		
Quadrat Management	None		
Adjacent Landuse	Amenity use and recreation		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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)	30	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	30
Species Latin Name	Species English Name	Species cover (Domin)	
<i>Leymus arenarius</i>	Lyme Grass	5	

Cé Mhachaire Uí Rabhartaigh		Site & Quadrat Number: EP1 TMR-Q4	
Quadrat Description			
Sandy beach leading out to the peninsula			
Quadrat Comments			
None			
Habitat Type			
LS2 Sandy Shores			
Quadrat Type			
Core Movement Area			
Quadrat Type Comment			
None			
Quadrat Number		TMR-Q4	
X Coordinate	589039		
Y Coordinate	933139		
Survey Date	14 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Sand		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	-		
Aspect	-		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	None		
Quadrat Management	None		
Adjacent Landuse	Amenity use and recreation		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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 English Name	Species cover (Domin)	
-	-	-	

Cé Mhachaire Uí Rabhartaigh	Site & Quadrat Number:	EP1	TMR-Q5
Quadrat Description Sandy beach leading out to the peninsula			
Quadrat Comments None			
Habitat Type LS2 Sandy Shores			
Quadrat Type Core Movement Area			
Quadrat Type Comment None			
Quadrat Number		TMR-Q5	
X Coordinate	589126		
Y Coordinate	933132		
Survey Date	14 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Sand		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	-		
Aspect	-		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	None		
Quadrat Management	None		
Adjacent Landuse	Amenity use and recreation		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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 English Name	Species cover (Domin)	
-	-	-	

Cé Mhachaire Uí Rabhartaigh		Site & Quadrat Number: EP1 TMR-Q6	
Quadrat Description Sandy beach leading out to the peninsula			
Quadrat Comments None			
Habitat Type LS2 Sandy Shores			
Quadrat Type Core Movement Area			
Quadrat Type Comment None			
Quadrat Number		TMR-Q6	
X Coordinate	589218		
Y Coordinate	933139		
Survey Date	14 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Sand		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	-		
Aspect	-		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	None		
Quadrat Management	None		
Adjacent Landuse	Amenity use and recreation		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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 English Name	Species cover (Domin)	
-	-	-	

Cé Mhachaire Uí Rabhartaigh		Site & Quadrat Number: EP1 TMR-Q7	
Quadrat Description			
Dune adjacent to the desire line path, with 6-spot burnet moth present			
Quadrat Comments			
None			
Habitat Type			
CD2 Marram Dunes			
Quadrat Type			
Core Movement Area			
Quadrat Type Comment			
None			
Quadrat Number		TMR-Q7	
X Coordinate	589029		
Y Coordinate	933113		
Survey Date	14 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Sand		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	5		
Aspect	W		
Water Table Depth (cm)	Below Surface		
Comments on Hydrology	None		
Quadrat Management	None		
Adjacent Landuse	Amenity use and recreation		
Grazing Comments	None		
General Faunal Observations	6 Spot Burnet Moth		
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)	100	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	100
Species Latin Name	Species English Name	Species cover (Domin)	
<i>Ammophila arenaria</i>	Marram Grass	8	
<i>Jacobaea vulgaris</i>	Ragwort	5	

Cé Mhachaire Uí Rabhartaigh		Site & Quadrat Number: EP1 TMR-Q8	
Quadrat Description			
Dune adjacent to the desire line path, with 6-spot burnet moth present			
Quadrat Comments			
None			
Habitat Type			
CD2 Marram Dunes			
Quadrat Type			
Core Movement Area			
Quadrat Type Comment			
None			
Quadrat Number		TMR-Q8	
X Coordinate	589102		
Y Coordinate	933104		
Survey Date	14 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Sand		
Stability	Soft		
Substrate Depth (cm)			
Slope Degrees	15		
Aspect	E		
Water Table Depth (cm)	Below Surface		
Comments on Hydrology	None		
Quadrat Management	None		
Adjacent Landuse	Amenity use and recreation		
Grazing Comments	None		
General Faunal Observations	6 Spot Burnet Moth		
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)	100	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	100
Species Latin Name	Species English Name	Species cover (Domin)	
<i>Ammophila arenaria</i>	Marram Grass	8	
<i>Jacobaea vulgaris</i>	Ragwort	5	

Cé Mhachaire Uí Rabhartaigh		Site & Quadrat Number: EP1 TMR-Q9	
Quadrat Description Machair habitat at the base of the dunes, adjacent to the type marked desire lines.			
Quadrat Comments None			
Habitat Type CD6 Machair			
Quadrat Type Tertiary Movement Area			
Quadrat Type Comment None			
Quadrat Number		TMR-Q9	
X Coordinate	589376		
Y Coordinate	933011		
Survey Date	14 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Soil/Sand		
Stability	Moderate		
Substrate Depth (cm)			
Slope Degrees	5		
Aspect	E		
Water Table Depth (cm)	Below Surface		
Comments on Hydrology	None		
Quadrat Management	None		
Adjacent Landuse	Amenity use and recreation		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
Total Vegetation Cover	85	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	0	Rock Cover	0
Herb Grass Cover	85	Bare Peat/Soil Cover	15
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	20	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	20
Species Latin Name	Species English Name	Species cover (Domin)	
<i>Galium verum</i>	Lady's bedstraw	6	
<i>Prunella vulgaris</i>	Self-Heal	6	
<i>Festuca rubra</i>	Red Fescue	5	

Cé Mhachaire Uí Rabhartaigh		Site & Quadrat Number: EP1 TMR-Q11	
Quadrat Description Cobble beach to the west of the pier. No visitor activity was recorded.			
Quadrat Comments None			
Habitat Type LS1 Shingle and Gravel Shores			
Quadrat Type Tertiary Movement Zone			
Quadrat Type Comment None			
Quadrat Number		TMR-Q11	
X Coordinate	588851		
Y Coordinate	933309		
Survey Date	14 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Cobbles		
Stability	Loose		
Substrate Depth (cm)			
Slope Degrees	0		
Aspect	-		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	Tidal		
Quadrat Management	Ferry port management adjacent		
Adjacent Landuse	Ferry port, car park, and café.		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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 English Name	Species cover (Domin)	
-	-	-	

Inch Island **Site & Quadrat Number: 10 Inch-Q1**

Quadrat Description

Marshland through the fence adjacent to the carpark. Access is not restricted to this area but it is also not advertised. There is a mown strip through the centre as a sacrificial managed zone.

Quadrat Comments

None

Habitat Type

GM1 Marsh

Quadrat Type

Secondary Movement Zone

Quadrat Type Comment

None

Quadrat Number

Inch-Q1

X Coordinate

634840

Y Coordinate

923024

Survey Date

12th July 2017

Surveyor

Andrew Torsney

Substrate

Soil

Stability

Loose

Substrate Depth (cm)

Slope Degrees

0

Aspect

-

Water Table Depth (cm)

Marshy

Comments on Hydrology

Just below surface and water table is changeable.

Quadrat Management

None

Adjacent Landuse

Mown walkway in the centre of the marsh

Grazing Comments

None

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)

50

Height Shrub Layer (cm)

-

Height Tree Layer (m)

-

Height Herb Layer (cm)

50

Species Latin Name	Species English Name	Species cover (Domin)
<i>Iris pseudacorus</i>	Yellow Iris	5
<i>Hypochaeris radicata</i>	Catsear	8
<i>Filipendula ulmaria</i>	Meadowsweet	3
<i>Agrostis spp.</i>	Bent Grass	2
<i>Myosotis spp.</i>	Forget me not	4

Inch Island		Site & Quadrat Number: 10 Inch-Q2	
Quadrat Description			
Marshland through the fence adjacent to the carpark. Access is not restricted to this area but it is also not advertised. There is a mown strip through the centre as a sacrificial managed zone.			
Quadrat Comments			
None			
Habitat Type			
GS4 Wet Grassland			
Quadrat Type			
Secondary Movement Zone			
Quadrat Type Comment			
None			
Quadrat Number		Inch-Q2	
X Coordinate	634970		
Y Coordinate	922991		
Survey Date	12 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Soil		
Stability	Loose		
Substrate Depth (cm)			
Slope Degrees	0		
Aspect	-		
Water Table Depth (cm)	Marshy		
Comments on Hydrology	Just below surface and water table is changeable.		
Quadrat Management	None		
Adjacent Landuse	Mown walkway in the centre of the marsh		
Grazing Comments	None		
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)	50	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	50
Species Latin Name	Species English Name	Species cover (Domin)	
<i>Iris pseudacorus</i>	Yellow Iris	5	
<i>Agrostis stolonifera</i>	Creeping bent	7	
<i>Juncus spp.</i>	Reeds	6	
<i>Filipendula ulmaria</i>	Meadowsweet	3	
<i>Anthyllis vulneraria</i>	Kidney Vetch	6	

Inch Island		Site & Quadrat Number: 10 Inch-Q3	
Quadrat Description			
Marshland through the fence adjacent to the carpark. Access is not restricted to this area but it is also not advertised. There is a mown strip through the centre as a sacrificial managed zone.			
Quadrat Comments			
None			
Habitat Type			
GS4 Wet Grassland			
Quadrat Type			
Secondary Movement Zone			
Quadrat Type Comment			
None			
Quadrat Number		Inch-Q3	
X Coordinate	634670		
Y Coordinate	923061		
Survey Date	12 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Soil		
Stability	Loose		
Substrate Depth (cm)			
Slope Degrees	0		
Aspect	-		
Water Table Depth (cm)	Wet but below surface		
Comments on Hydrology	Below surface and water table is changeable.		
Quadrat Management	None		
Adjacent Landuse	Mown walkway in the centre of the marsh		
Grazing Comments	None		
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)	50	Height Shrub Layer (cm)	-
Height Tree Layer (m)	-	Height Herb Layer (cm)	50
Species Latin Name	Species English Name	Species cover (Domin)	
<i>Iris pseudacorus</i>	Yellow Iris	4	
<i>Dactylorhiza praetermissa</i>	Marsh Orchid	4	
<i>Filipendula ulmaria</i>	Meadowsweet	5	
<i>Agrostis spp.</i>	Bent Grass	6	
<i>Cirsium palustre</i>	Marsh Thistle	4	
<i>Angelica sylvestris</i>	Wild Angelica	4	
<i>Lychnis flos-cuculi</i>	Ragged Robin	4	
<i>Comarum palustre</i>	Marsh Cinquefoil	6	
<i>Equisetum spp.</i>	Horsetail	6	

Inch Island **Site & Quadrat Number: 10 Inch-Q4**

Quadrat Description

Marshland through the fence adjacent to the carpark. Access is not restricted to this area but it is also not advertised. There is a mown strip through the centre as a sacrificial managed zone.

Quadrat Comments

None

Habitat Type

GS4 Wet Grassland

Quadrat Type

Secondary Movement Zone

Quadrat Type Comment

None

Quadrat Number

Inch-Q4

X Coordinate

634604

Y Coordinate

923153

Survey Date

12th July 2017

Surveyor

Andrew Torsney

Substrate

Soil

Stability

Loose

Substrate Depth (cm)

Slope Degrees

0

Aspect

-

Water Table Depth (cm)

Wet but below surface

Comments on Hydrology

Below surface and water table is changeable.

Quadrat Management

None

Adjacent Landuse

Mown walkway in the centre of the marsh

Grazing Comments

None

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)

50

Height Shrub Layer (cm)

-

Height Tree Layer (m)

-

Height Herb Layer (cm)

50

Species Latin Name	Species English Name	Species cover (Domin)
<i>Agrostis spp.</i>	Bent Grass	6
<i>Cirsium palustre</i>	Marsh Thistle	4
<i>Angelica sylvestris</i>	Wild Angelica	7
<i>Lychnis flos-cuculi</i>	Ragged Robin	7
<i>Comarum palustre</i>	Marsh Cinquefoil	3
<i>Equisetum spp.</i>	Horsetail	2

Inch Island	Site & Quadrat Number: 10 Inch-Q5		
Quadrat Description Scrub lined walkway bridge connecting off site carpark. Bird hide on the receiving end of the walkway.			
Quadrat Comments N/A			
Habitat Type BL3/WS1 Scrub			
Quadrat Type Core Movement Area			
Quadrat Type Comment None			
Quadrat Number		Inch-Q5	
X Coordinate	633883		
Y Coordinate	922603		
Survey Date	12 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Soil		
Stability	Firm		
Substrate Depth (cm)			
Slope Degrees	5		
Aspect	N		
Water Table Depth (cm)	Below the surface		
Comments on Hydrology	None		
Quadrat Management	Managed walkway and viewing point		
Adjacent Landuse	Visitor amenity and recreation		
Grazing Comments	None at this location		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	100	Rock Cover	0
Herb Grass Cover	30	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0
Height of Vegetation (cm)	30- 200	Height Shrub Layer (cm)	200
Height Tree Layer (m)	-	Height Herb Layer (cm)	30
Species Latin Name	Species English Name	Species cover (Domin)	
<i>Rubus fruticosus</i>	Brambles	8	
<i>Ulex Ulex</i>	Gorse	6	
<i>Pteridium aquilinum</i>	Bracken	7	
<i>Rosa rubiginosa</i>	Dogs Rose	5	
<i>Convolvulus arvensis</i>	Field bindweed	3	

Inch Island **Site & Quadrat Number: 10 Inch-Q6**

Quadrat Description

Scrub lined walkway bridge connecting off site carpark. Bird hide on the receiving end of the walkway.

Quadrat Comments

N/A

Habitat Type

BL3/WS1 Scrub

Quadrat Type

Core Movement Area

Quadrat Type Comment

None

Quadrat Number

Inch-Q6

X Coordinate

633809

Y Coordinate

922469

Survey Date

12th July 2017

Surveyor

Andrew Torsney

Substrate

Soil

Stability

Firm

Substrate Depth (cm)

Slope Degrees

5

Aspect

N

Water Table Depth (cm)

Below the surface

Comments on Hydrology

None

Quadrat Management

Managed walkway and viewing point

Adjacent Landuse

Visitor amenity and recreation

Grazing Comments

None at this location

General Faunal Observations

None

Structured Quadrat Cover Values (%)

Total Vegetation Cover	100	Litter Cover	0
Tree Cover	0	Algae Cover	0
Shrub Cover	100	Rock Cover	0
Herb Grass Cover	30	Bare Peat/Soil Cover	0
Bryophyte Cover	0	Open Water Cover	0

Height of Vegetation (cm) 30-200 Height Shrub Layer (cm) 200

Height Tree Layer (m) - Height Herb Layer (cm) 30

Species Latin Name	Species English Name	Species cover (Domin)
<i>Rubus fruticosus</i>	Brambles	8
<i>Ulex Ulex</i>	Gorse	5
<i>Pteridium aquilinum</i>	Bracken	7
<i>Rosa rubiginosa</i>	Dogs Rose	3
<i>Convolvulus arvensis</i>	Field bindweed	6

Inch Island	Site & Quadrat Number: 10 Inch-Q7		
Quadrat Description Cobble beach to the west of the southern access bridge.			
Quadrat Comments None			
Habitat Type LS1 Shingle and Gravel Shores			
Quadrat Type Tertiary Movement Zone			
Quadrat Type Comment None			
Quadrat Number	Inch-Q7		
X Coordinate	633624		
Y Coordinate	922744		
Survey Date	12 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Cobbles		
Stability	Loose		
Substrate Depth (cm)			
Slope Degrees	0		
Aspect	-		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	Tidal		
Quadrat Management	None		
Adjacent Landuse	Bird Watching and Amenity		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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 English Name	Species cover (Domin)	
-	-	-	

Inch Island	Site & Quadrat Number: 10 Inch-Q8		
Quadrat Description Cobble beach to the west of the southern access bridge.			
Quadrat Comments None			
Habitat Type LS1 Shingle and Gravel Shores			
Quadrat Type Tertiary Movement Zone			
Quadrat Type Comment None			
Quadrat Number			Inch-Q8
X Coordinate	633758		
Y Coordinate	922680		
Survey Date	12 th July 2017		
Surveyor	Andrew Torsney		
Substrate	Cobbles		
Stability	Loose		
Substrate Depth (cm)			
Slope Degrees	0		
Aspect	-		
Water Table Depth (cm)	Tidal		
Comments on Hydrology	Tidal		
Quadrat Management	None		
Adjacent Landuse	Bird Watching and Amenity		
Grazing Comments	None		
General Faunal Observations	None		
Structured Quadrat Cover Values (%)			
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 English Name	Species cover (Domin)	
-	-	-	