

Site 25 – Tranarossan to Melmore

Site description

Tranarossan to Melmore is a large site located approximately 5 km north of Carrickart, Co. Donegal, just south of Melmore Head. It is a machair system located on a coastal plain extending between Tranarossan Bay and Gortnalughoge Bay, and forms part of Tranarossan and Melmore Lough SAC (SAC 000194). There are rocky hills to the north and south of the site and the site is part of a network of natural and semi-natural habitats. All the sub-sites are within the SAC boundary.

Based on the currently available mapping, eight coastal Annex I habitats occur within Tranarossan and Melmore Lough SAC and all are listed as Qualifying Interests (*Table 1*).

Table 1. Annex I habitats present at Tranarossan and Melmore Lough SAC, the area they occupy (based on the most recent mapped available) and status as a Qualifying Interest of the SAC. An asterisk denotes a priority Annex I habitat and habitats that were not the target of this survey are excluded.

Habitat Code	Area (ha)	Qualifying Interest?
1210 Drift line vegetation	0.056	Yes
1220 Perennial vegetation of stony banks	0.039	Yes
2110 Embryonic shifting dunes	0.259	Yes
2120 Marram dunes (white dunes)	4.412	Yes
*2130 Fixed dunes (grey dunes)	58.026	Yes
2170 Dunes with creeping willow	0.706	Yes
2190 Humid dune slacks	0.306	Yes
*21A0 Machairs	92.383	Yes

The main land uses are agriculture and recreation. Sheep and cattle graze the sand dune habitats and there are several caravan parks in the vicinity.

Habitat losses were recorded due to camping and recreational activities, but mainly to *Pteridium aquilinum* and *Hippophaë rhamnoides* encroachment (*Table 2*).

Table 2. Habitat loss recorded during the desk and field surveys in hectares.

Habitat	Within SAC?	Loss (ha)	Impact code	New habitat
2120	Yes	0.020	PI02	Ornamental/non-native shrub (WS3)
*2130	Yes	0.713	PI02	Ornamental/non-native shrub (WS3)
*2130	Yes	0.407	PI03	Dense bracken (HD1) and Ornamental/non-native shrub (WS3)
*21A0	Yes	0.670	PI03	Dense bracken (HD1) and Ornamental/non-native shrub (WS3)
*21A0	No	0.040	PF01	Buildings and artificial surfaces (BL3)

Conservation assessments were carried out within one sub-site occupying a total area of 115.70 ha (*Table 3*). Three habitats (**1220 Perennial vegetation of stony banks**, **2110 Embryonic shifting dunes**, **2170 Dunes with creeping willow**) were in Favourable condition, one (**1210 Drift line vegetation**) was not assessed and the remainder (**2120 Marram dunes (white dunes)**, ***2130 Fixed dunes (grey dunes)**, **2190 Humid dune slacks**, ***21A0 Machairs**) were in Unfavourable condition, mainly due to overgrazing and caravan parks.

Table 3. Summary of Conservation Status for all habitats assessed at Tranarossan to Melmore.

Subsite	Habitat	Area	Structure and Functions	Future Prospects	Overall assessment
25.01 Rossguill Peninsula	1210	Favourable (NA)	NA (NA)	Favourable	NA (NA)
25.01 Rossguill Peninsula	1220	Favourable (stable)	Favourable (stable)	Favourable	Favourable (stable)
25.01 Rossguill Peninsula	2110	Favourable (stable)	Favourable (stable)	Favourable	Favourable (improving)
25.01 Rossguill Peninsula	2120	Unfavourable - Bad (decreasing)	Favourable (stable)	Unfavourable - Inadequate	Unfavourable - Bad (deteriorating)
25.01 Rossguill Peninsula	*2130	Unfavourable - Inadequate (decreasing)	Unfavourable - Inadequate (stable)	Unfavourable - Bad	Unfavourable - Bad (stable)
25.01 Rossguill Peninsula	2170	Favourable (NA)	Favourable (NA)	Favourable	Favourable (NA)
25.01 Rossguill Peninsula	2190	Favourable (NA)	Unfavourable-Inadequate (NA)	Unfavourable - Bad	Unfavourable – Bad (NA)
25.01 Rossguill Peninsula	*21A0	Unfavourable - Inadequate (decreasing)	Unfavourable - Inadequate (stable)	Unfavourable - Bad	Unfavourable - Bad (deteriorating)

Sub-site 1. Rossguill Peninsula (Tranarossan)

Summary Information

Survey Date: 04-05 July 2022

Water Framework Directive Waterbody: not applicable

Previous survey identifiers: CMP167, VSM003

Current survey details:

Table 4: Current survey details for Annex I habitats at Rossguill Peninsula (Tranarossan)

Habitat Code	Area	Monitoring stops
1210 Drift line vegetation	0.056	0
1220 Perennial vegetation of stony banks	0.039	2
2110 Embryonic shifting dunes	0.161	5
2120 Marram dunes (white dunes)	1.747	8
*2130 Fixed dunes (grey dunes)	38.054	8
2170 Dunes with creeping willow	0.706	2
2190 Humid dune slacks	0.256	2
*21A0 Machairs	70.560	16

1210 Drift line vegetation

Area

The habitat has decreased from 0.07 ha to 0.06 ha since VSM. This decrease was due to natural processes of erosion. This is consistent with an Area assessment of Favourable and the trend is stable.

Structure and Functions

No monitoring stops were recorded for this habitat and so no Structure and Functions assessment was carried out for **1210 Drift line vegetation**. The trend was not applicable.

Future Prospects

No impacts were recorded. Future Prospects were therefore assessed as Favourable, and the trend was not assessed.

Conservation assessment

The conservation status assessments of the three parameters are as follows:

- Area: Favourable (stable)
- Structure and Functions: not assessed (NA)
- Future Prospects: Favourable (NA)

Since Structure and Functions were not assessed, the overall conservation assessment for **1210 Drift line vegetation** at 25.01 Rossguill Peninsula (Tranarossan) was not assessed.

Overall Conservation Status: not assessed (NA)

Condition of the habitat by area

The condition of the habitat was not assessed.

1220 Perennial vegetation of stony banks

Area

The habitat's area remained the same since VSM. There was no indication that the area of the habitat had been affected by human activities. Area was assessed as Favourable and the trend is stable.

Structure and Functions

Two monitoring stops were recorded in **1220 Perennial vegetation of stony banks** and the habitat passed the Structure and Functions assessment. Only a pioneer community dominated by *Rumex crispus* was present, while grassland communities were absent. The notable species *Mertensia maritima* was recorded in both stops. As all the criteria passed in the Structure and Functions assessment, the Structure and Functions were therefore assessed as Favourable. Since **1220 Perennial vegetation of stony banks** was assessed as Favourable during VSM, the trend is therefore stable.

Future Prospects

No pressures have been recorded during CHNW21. Future Prospects were therefore assessed as Favourable, and the trend was assessed as increasing.

Conservation assessment

The conservation status assessments of the three parameters are as follows:

- Area: Favourable (stable)
- Structure and Functions: Favourable (stable)
- Future Prospects: Favourable (increasing)

Since all three parameters were assessed as Favourable, the overall conservation assessment for **1220 Perennial vegetation of stony banks** at 25.01 Rossguill Peninsula (Tranarossan) was Favourable. Since the overall assessment was Favourable during VSM, the trend is therefore stable.

Overall Conservation Status: Favourable (stable)

Condition of the habitat by area

100% of the habitat was considered to be in good condition.

2110 Embryonic shifting dunes

Area

The habitat has decreased from 0.18 ha to 0.16 ha since VSM. This decrease was due to natural processes of erosion. This is consistent with an Area assessment of Favourable and the trend is stable.

Structure and Functions

No criteria failed in the Structure and Functions assessment: the Structure and Functions were therefore assessed as Favourable and the trend is stable.

Future Prospects

No negative pressures have been recorded during CHNW21. Walking was recorded as a medium-intensity neutral impact that affected about 50% of the habitat area. Future Prospects were therefore assessed as Favourable, and the trend was assessed as increasing.

Conservation assessment

The conservation status assessments of the three parameters are as follows:

- Area: Favourable (stable)
- Structure and Functions: Favourable (stable)
- Future Prospects: Favourable (increasing)

Since all three parameters were assessed as Favourable, the overall conservation assessment for **2110 Embryonic shifting dunes** at 25.01 Rossguill Peninsula (Tranarossan) was Favourable and the trend is improving.

Overall Conservation Status: Favourable (improving)

Condition of the habitat by area

100% of the habitat was considered to be in good condition.

2120 Marram dunes (white dunes)

Area

The area of **2120 Marram dunes (white dunes)** decreased from 1.94 ha to 1.75 ha since VSM. This was mainly due to natural succession, but 0.02 hectares were lost due to *Hippophaë rhamnoides* encroachment and the total extent of the habitat on-site was significantly less than the Favourable Reference Area value. This is consistent with an Area assessment of Unfavourable – Bad and the trend is decreasing.

Structure and Functions

No criteria failed in the Structure and Functions assessment, the Structure and Functions were therefore assessed as Favourable and the trend is stable.

Future Prospects

Walking was recorded as a high-intensity negative impact, affecting 10% of the habitat. Encroachment by *Hippophaë rhamnoides* was also recorded as a high-intensity negative impact, but it has been affecting only 0.5% of the habitat area. Future Prospects were therefore assessed as Unfavourable - Inadequate, and the trend was assessed as stable.

Conservation assessment

The conservation status assessments of the three parameters are as follows:

- Area: Unfavourable - Bad (decreasing)
- Structure and Functions: Favourable (stable)
- Future Prospects: Unfavourable - Inadequate (stable)

Since one out of three parameters was assessed as Unfavourable – Bad, the overall conservation assessment for **2120 Marram dunes (white dunes)** at 25.01 Rossguill Peninsula (Tranarossan) was Unfavourable - Bad and the trend is deteriorating.

Overall Conservation Status: Unfavourable - Bad (deteriorating)

Condition of the habitat by area

Impacts like walking affected about 5% of the habitat's area that was considered to be in poor condition. The remaining 95% was considered to be in good condition.

*2130 Fixed dunes (grey dunes)

Area

The area of ***2130 Fixed dunes (grey dunes)** increased from 35.88 ha to 38.05 ha between VSM and CHNW21. This increase was the result of a different and more detailed mapping technique that allowed to better distinguish the rocky outcrops found scattered within the machair plain as belonging to the ***2130 Fixed dunes (grey dunes)**, inspite of a habitat loss of 1.12 ha due to natural and anthropogenic causes (encroachment by *Pteridium aquilinum* and *Hippophaë rhamnoides*). This is consistent with an Area assessment of Unfavourable - Inadequate. Since SDM assessment was Favourable, the trend of the area is decreasing.

Structure and Functions

Two criteria failed in the Structure and Functions assessment: the first one concerns the height of the vegetation. In fact, an average height between 2 and 10 cm was recorded in 0% of stops, while the threshold is 30-70%. The second one is about the highest cover of any negative indicator species within any stop that was 30%, while the threshold is no more than 25%. As these two criteria failed, the Structure and Functions were Unfavourable - Inadequate. The Structure and Functions were assessed Unfavourable - Inadequate during SDM, the trend is therefore stable.

Future Prospects

High-intensity negative impacts recorded at Rossguill Peninsula included trampling, horse-riding and walking, off-road driving and the presence of *Pteridium aquilinum* and the invasive non-native species *Hippophaë rhamnoides*. The increase in habitat area affected by *Pteridium aquilinum* led to the suggestion that undergrazing may be an issue for ***2130 Fixed dunes (grey dunes)** at Rossguill Peninsula. Due to the above-mentioned negative impacts, Future Prospects were therefore assessed as Unfavourable - Bad, and the trend was assessed as stable.

Conservation assessment

The conservation status assessments of the three parameters are as follows:

- Area: Unfavourable - Inadequate (decreasing)
- Structure and Functions: Unfavourable - Inadequate (stable)
- Future Prospects: Unfavourable - Bad (stable)

Since Future Prospects were assessed as Unfavourable - Bad, the overall conservation assessment for ***2130 Fixed dunes (grey dunes)** at 25.01 Rossguill Peninsula (Tranarossan) was Unfavourable - Bad. Since the overall assessment was Unfavourable - Bad (deteriorating) during SDM, the trend is therefore stable.

Overall Conservation Status: Unfavourable - Bad (stable)

Condition of the habitat by area

Considering that about 20% of the habitat area was affected by several impacts, this area was considered to be in poor condition. The remaining 80% of the habitat was considered to be in good condition.

2170 Dunes with creeping willow

Area

2170 Dunes with creeping willow was not recorded before CHNW21. There was no indication of change due to human activities. This increase was the result of a different and more detailed mapping technique. This is consistent with an Area assessment of Favourable. There were no previous data to assess the trend.

Structure and Functions

No criteria failed in the Structure and Functions assessment, the Structure and Functions were therefore assessed as Favourable and the trend is not applicable.

Future Prospects

No impacts were recorded. Future Prospects were therefore assessed as Favourable and the trend was not assessed.

Conservation assessment

The conservation status assessments of the three parameters are as follows:

- Area: Favourable (NA)
- Structure and Functions: Favourable (NA)
- Future Prospects: Favourable (NA)

Since all three parameters were assessed as Favourable, the overall conservation assessment for **2170 Dunes with creeping willow** at 25.01 Rossguill Peninsula (Tranarossan) was Favourable. Since the habitat was not recorded before, the trend is therefore not applicable.

Overall Conservation Status: Favourable (NA)

Condition of the habitat by area

100% of the habitat was considered to be in good condition.

2190 Humid dune slacks

Area

The area of **2190 Humid dune slacks** increased from 0.08 ha to 0.26 ha between VSM and CHNW21. This increase was the result of a different and better mapping technique. This is consistent with an Area assessment of Favourable. There were no sufficient data to assess the trend, because the habitat had never been assessed before.

Structure and Functions

One criterion failed in the Structure and Functions assessment: cover of *Salix repens* in the habitat was 60%, while the threshold should be less than 40%. Due to this, Structure and Functions were therefore assessed as Unfavourable - Inadequate. Since **2190 Humid dune slacks** was not assessed before, the trend is therefore not applicable.

Future Prospects

The presence of a drainage north to the habitat area has been drying out the dune slack, causing a transition to **2170 Dunes with creeping willow**. Future Prospects were therefore assessed as Unfavourable - Bad and the trend was not assessed.

Conservation assessment

The conservation status assessments of the three parameters are as follows:

- Area: Favourable (NA)
- Structure and Functions: Unfavourable - Inadequate (NA)
- Future Prospects: Unfavourable - Bad (NA)

Since one out of three parameters was assessed as Unfavourable - Bad, the overall conservation assessment for **2190 Humid dune slacks** at 25.01 Rossguill Peninsula (Tranarossan) was Unfavourable - Bad. Since the habitat was not assessed before, the trend is therefore unknown.

Overall Conservation Status: Unfavourable - Bad (NA)

Condition of the habitat by area

Drying out has been affecting 25% of **2190 Humid dune slacks**, causing the increase in the cover of *Salix repens*, so this area was considered to be in poor condition. The remaining 75% of the habitat was considered to be in good condition.

*21A0 Machairs

Area

The area of ***21A0 Machairs** decreased from 75.62 ha to 70.56 ha between VSM and CHNW21. This decrease was mainly the result of a different and more detailed mapping technique that allowed the polygons of ***2130 Fixed dunes (grey dunes)** to be separated from those of ***21A0 Machairs** in the western part of the sub-site. However, there has been a habitat loss of 0.67 ha due to natural and anthropogenic causes (encroachment by *Pteridium aquilinum* and *Hippophaë rhamnoides*). This is consistent with an Area

assessment of Unfavourable - Inadequate. Since the previous assessment was Favourable, the trend of the area is decreasing.

Structure and Functions

Two criteria failed during the Structure and Functions assessment: the lowest cover of bryophytes recorded was 0% (in 5 stops), while the relevant threshold is at least 1% in every stop; 13 species were recorded with a frequency of more than 20% of stops, but each stop contained only 2 species while the threshold is at least 3 species. The Structure and Functions were therefore assessed as Unfavourable - Inadequate and the trend is stable because the previous assessment was Unfavourable – Inadequate, too.

Future Prospects

Road access to the camping, presence of bungalows and encroachment by *Pteridium aquilinum* each had a high-intensity negative impact on the ***21A0 Machairs**, but in total affected no more than 3% of the habitat. Paths and tracks had a medium-intensity negative impact, affecting only 3% of the habitat. Stock feeding, overgrazing and trampling were affecting 40% of the habitat and were assessed as medium-intensity negative impacts. Future Prospects were therefore assessed as Unfavourable – Bad with a decreasing trend.

Conservation assessment

The conservation status assessments of the three parameters are as follows:

- Area: Unfavourable - Inadequate (decreasing)
- Structure and Functions: Unfavourable - Inadequate (stable)
- Future Prospects: Unfavourable - Bad (decreasing)

Since at least one of the three parameters was assessed as Unfavourable - Bad, the overall conservation assessment for ***21A0 Machairs** at 25.01 Rossguill Peninsula (Tranarossan) was Unfavourable - Bad. Since the overall assessment was Unfavourable - Inadequate (stable) during SDM, the trend is therefore deteriorating.

Overall Conservation Status: Unfavourable - Bad (deteriorating)

Condition of the habitat by area

No cover of bryophytes was recorded in 25% of ***21A0 Machairs**, so this area was considered to be in poor condition. The remaining 75% of the habitat was considered to be in good condition.

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Appendix 1. Area

Total habitat area recorded during reporting cycles to date.

Habitat	2007	2013	2019	2025
1210	0.000	0.000	0.070	0.056
1220	0.040	0.040	0.040	0.039
2110	0.040	0.400	0.180	0.160
2120	2.770	1.900	1.940	1.747
2130	30.610	32.400	35.880	38.054
2170	0.000	0.000	0.000	0.706
2190	0.000	0.080	0.080	0.256
21A0	77.160	78.900	75.620	70.560

Favourable Reference Area and cumulative changes in area due to human activities (restoration and loss) recorded during reporting cycles to date. Natural fluctuations are not taken into account.

Habitat	Favourable Reference area (ha)	2007 change (ha)	2013 change (ha)	2019 change (ha)	2025 change (ha)
1210	0.070	NR	NR	NA	0
1220	0.040	NA	NA	0	0
2110	0.040	0	0	0	0
2120	2.770	0	0	0	0.020
*2130	30.610	0	0	0	1.119
2170	0.710	NR	NR	NR	0
2190	0.080	NR	NA	NA	0
*21A0	77.160	0	0	0	0.670

Appendix 2. Structure and Functions

Negative indicator species and non-native invasive species

Habitat	Species name	Cover (%)
2120	<i>Senecio jacobaea</i>	0.5
*2130	<i>Cirsium arvense</i>	15.5
*2130	<i>Cirsium vulgare</i>	1.0
*2130	<i>Pteridium aquilinum</i>	2.0
*2130	<i>Senecio jacobaea</i>	3.0
*21A0	<i>Cirsium arvense</i>	1.5
*21A0	<i>Cirsium palustre</i>	3.0
*21A0	<i>Lolium perenne</i>	1.0
*21A0	<i>Senecio jacobaea</i>	1.0

Positive indicator species and notable species

Habitat	Species name	Cover (%) (if recorded)
1220	<i>Mertensia maritima</i>	20.0
1220	<i>Rumex crispus</i>	5.0
2110	<i>Elytrigia juncea</i>	
2110	<i>Leymus arenarius</i>	
2120	<i>Ammophila arenaria</i>	
2120	<i>Elytrigia juncea</i>	
*2130	<i>Carex arenaria</i>	
*2130	<i>Euphrasia officinalis ag.</i>	
*2130	<i>Festuca rubra</i>	
*2130	<i>Galium verum</i>	
*2130	<i>Homalothecium lutescens</i>	
*2130	<i>Hylocomium splendens</i>	
*2130	<i>Hypochaeris radicata</i>	
*2130	<i>Lotus corniculatus</i>	
*2130	<i>Luzula campestris</i>	
*2130	<i>Plantago lanceolata</i>	
*2130	<i>Poa pratensis</i>	
*2130	<i>Rhinanthus minor</i>	
*2130	<i>Rhytidadelphus squarrosus</i>	
*2130	<i>Rhytidadelphus triquetrus</i>	
*2130	<i>Scleropodium purum</i>	
*2130	<i>Thymus polytrichus</i>	
*2130	<i>Trifolium repens</i>	
2170	<i>Carex flacca</i>	
2170	<i>Festuca rubra</i>	
2170	<i>Holcus lanatus</i>	
2170	<i>Lotus corniculatus</i>	
2170	<i>Pilosella officinarum</i>	
2170	<i>Rhytidadelphus squarrosus</i>	
2170	<i>Salix repens v. argentea</i>	
2190	<i>Agrostis stolonifera</i>	
2190	<i>Calliergon cuspidatum</i>	
2190	<i>Carex flacca</i>	
2190	<i>Carex nigra</i>	

2190	<i>Festuca rubra</i>	
2190	<i>Lotus corniculatus</i>	
2190	<i>Potentilla anserina</i>	
2190	<i>Salix repens</i> v. <i>argentea</i>	
*21A0	<i>Agrostis stolonifera</i>	
*21A0	<i>Bellis perennis</i>	
*21A0	<i>Carex arenaria</i>	
*21A0	<i>Carex flacca</i>	
*21A0	<i>Carex nigra</i>	
*21A0	<i>Cerastium fontanum</i>	
*21A0	<i>Euphrasia officinalis</i> ag.	
*21A0	<i>Festuca rubra</i>	
*21A0	<i>Galium verum</i>	
*21A0	<i>Hydrocotyle vulgaris</i>	
*21A0	<i>Lotus corniculatus</i>	
*21A0	<i>Orchis species</i>	
*21A0	<i>Plantago lanceolata</i>	
*21A0	<i>Potentilla anserina</i>	
*21A0	<i>Prunella vulgaris</i>	
*21A0	<i>Rhinanthus minor</i>	
*21A0	<i>Thymus polytrichus</i>	
*21A0	<i>Trifolium repens</i>	

Structure and Functions Assessment Criteria

Habitat	Indicator	Pass/Fail
1220	Shingle habitat	Pass
1220	Native species	Pass
1220	Notable/rare species	Pass
1220	Negative indicator species	Pass
1220	Non-native species	Pass
1220	Interference with the sediment dynamics	Pass
1220	Damage due to disturbance	Pass
2110	Positive indicator species	Pass
2110	Negative indicator species	Pass
2110	Non-native species	Pass
2110	Flowering or fruiting of positive indicator species	Pass
2110	Notable/rare species	Pass
2110	Interference with the sediment dynamics	Pass
2110	Damage due to disturbance	Pass
2120	Positive indicator species	Pass
2120	Negative indicator species	Pass
2120	Non-native species	Pass
2120	Flowering or fruiting of positive indicator species	Pass
2120	Notable/rare species	Pass
2120	Interference with the sediment dynamics	Pass
2120	Damage due to disturbance	Pass
*2130	Positive indicator species	Pass
*2130	Negative indicator species	Fail
*2130	Non-native species	Pass
*2130	Cover of trees and scrub other than <i>Juniperus communis</i>	Pass
*2130	Trees or saplings from adjacent plantations	Pass

*2130	Height of vegetation	Fail
*2130	Flowering or fruiting of positive indicator species	Pass
*2130	Bare sand	Pass
*2130	Notable/rare species	Pass
*2130	Interference with the sediment dynamics	Pass
*2130	Damage due to disturbance	Pass
2170	Positive indicator species	Pass
2170	Negative indicator species	Pass
2170	Non-native species	Pass
2170	Rank grasses	Pass
2170	Cover of trees and scrub other than <i>S. repens</i>	Pass
2170	Height of <i>Salix repens</i>	Pass
2170	Bare sand	Pass
2170	Notable/rare species	Pass
2170	Interference with the sediment dynamics	Pass
2170	Damage due to disturbance	Pass
2190	Positive indicator species	Pass
2190	Bryophytes	Pass
2190	Cover of <i>Salix repens</i>	Fail
2190	Negative indicator species	Pass
2190	Non-native species	Pass
2190	Cover of scrub	Pass
2190	Forb:grass ratio (mean)	Pass
2190	Bare ground	Pass
2190	Notable/rare species	Pass
2190	Interference with the sediment dynamics	Pass
2190	Damage due to disturbance	Pass
*21A0	Positive indicator species	Fail
*21A0	Bryophytes	Fail
*21A0	Negative indicator species	Pass
*21A0	Non-native species	Pass
*21A0	Flowering or fruiting of positive indicator species	Pass
*21A0	Sward height	Pass
*21A0	Bare ground	Pass
*21A0	Notable/rare species	Pass
*21A0	Interference with the sediment dynamics	Pass
*21A0	Damage due to disturbance	Pass

Appendix 3. Impacts and Activities

Impacts recorded

Habitat code	Impact code	Impact description	Relative importance	Influence	Source	Timing	Trend	Area
1210	PF05	Walking	Low	Neutral	Inside	Ongoing	Stable	50.0
1220	PX04							
2110	PF05	Walking	Medium	Neutral	Inside	Ongoing	Increasing	50.0
2120	PF05	Walking	High	Negative	Inside	Ongoing	Decreasing	10.0
2120	PI02	Hippophae rhamnoides	High	Negative	Inside	Ongoing	Decreasing	0.5
*2130	PA07	Overgrazing, trampling, supplementary feeding and fencing	Medium	Negative	Inside	Ongoing	Decreasing	10.0
*2130	PA25	Agriculture tracks and offroad driving	High	Negative	Inside	Ongoing	Stable	1.0
*2130	PE01	Road	High	Negative	Inside	Ongoing	Decreasing	0.5
*2130	PF05	Walking, tracks and sea kayaks	High	Negative	Inside	Ongoing	Stable	5.0
*2130	PF06	Litter and spreading of bracken	High	Negative	Inside	Ongoing	Decreasing	2.0
*2130	PI02	Hippophae rhamnoides	High	Negative	Inside	Ongoing	Decreasing	0.5
*2130	PI03	Pteridium aquilinum	High	Negative	Inside	Ongoing	Decreasing	4.0
2170	PX04							
2190	PA22	Drainage	High	Negative	Outside	Ongoing	Decreasing	100.0
*21A0	PA07	Overgrazing, trampling and structure for livestock	Medium	Negative	Inside	Ongoing	Decreasing	40.0
*21A0	PA25	Agriculture tracks	Medium	Negative	Inside	Ongoing	Stable	3.0
*21A0	PE01	Road	High	Negative	Inside	Ongoing	Decreasing	0.5
*21A0	PF03	Bungalow	High	Negative	Inside	Ongoing	Decreasing	2.0
*21A0	PI03	Pteridium aquilinum	High	Negative	Inside	Ongoing	Decreasing	0.5

Conservation Measures required

Habitat code	Measure code	Measure description	Area (ha)	Status (in place/partial/ Absent/unidentified)	Response timeframe	Purpose	Location (inside and or Outside SAC)
*2130	CA05	Measure required to regulate grazing	3.8054	Absent	Medium-term results	Restore the structure & functions, including the status of typical species	Inside
*2130	CF03	Measure required to regulate recreational activities	2.6638	Absent	Medium-term results	Restore the structure & functions, including the status of typical species	Inside
*2130	CI03	Measure required to control Hippophae rhamnoides	0.1903	Absent	Medium-term results	Restore the structure & functions, including the status of typical species	Inside
*2130	CI05	Measure required to control or eradicate Pteridium aquilinum	1.5222	Absent	Medium-term results	Restore the structure & functions, including the status of typical species	Inside
2190	CA15	Measure required to stop drainage for agriculture	0.2559	Absent	Medium-term results	Restore the structure & functions, including the status	Inside

						of typical species	
*21A0	CA05	Measure required to regulate grazing	28.2238	Absent	Medium-term results	Restore the structure & functions, including the status of typical species	Inside
*21A0	CA16	Measure required to regulate offroad driving for agriculture	2.1168	Absent	Medium-term results	Restore the structure & functions, including the status of typical species	Inside
*21A0	CF03	Measure required to regulate recreational activities	1.4112	Absent	Medium-term results	Restore the structure & functions, including the status of typical species	Inside

Appendix 4. Condition of the habitat by area

Summary of habitat condition

Habitat code	% remaining habitat in poor condition	% remaining habitat in good condition
1220	0	100
2110	0	100
2120	5	95
*2130	20	80
2170	0	100
2190	25	75
*21A0	25	75