

APPENDIX II: POLYGON RECORDING SHEET

Site no: 001 **Site name:** Corraun plateau **Surveyor:** Jenni Roche/Brendan O’Hanrahan

Polygon no.	Hab	Component 1	%	Component 2	%	Component 3	%	Component 4	%	Component 5	%	Component 6	%	Component 7	%
1	Anx	4010	20	7130	15	4010	20	4010	45						
	Fos	HH3	20	PB3	15	HH3	20	HH3	45						
	Veg	WH1a	20	BB1a	15	WH3	20	WH1b	45						
2	Anx	8110	10	8110	55	Non-annex		4060	25						
	Fos	ER3	10	ER3	55	ER1	10	HH4	25						
	Veg	SC1	10	Loose rock	55	Bedrock	10	MH4	25						
3	Anx	4060	5	4060	5	6150	15	8110	30	8110	45				
	Fos	HH4	5	HH4	5	HH4	15	ER3	30	ER3	45				
	Veg	MH4	5	MH5	5	MH7a	15	SC1	30	Loose rock	45				
4	Anx	8110	65	4060	35										
	Fos	ER3	65	HH4	35										
	Veg	SC1	65	MH4	35										
5	Anx	8110	100												
	Fos	ER3	100												
	Veg	SC1	100												
6	Anx	8110	100												
	Fos	ER3	100												
	Veg	SC1	100												
7	Anx	8110	50	4060	50										
	Fos	ER3	50	HH4	50										
	Veg	SC1	50	MH4	50										
8	Anx	8110	75	4060	25										
	Fos	ER3	75	HH4	25										
	Veg	SC1	75	MH4	25										
9	Anx	7130	15	Non-annex		Non-annex		4010	3	Non-annex		Non-annex		Non-annex	
	Fos	PB2	15	HH4	5	PB3	2	HH4	3	ER1	65	ED1	5	ER3	5
	Veg	BB6a	15	MH5	5	HW1	2	WH5	3	Bedrock	65	Gravel	5	Loose rock	5
10	Anx	Non-annex		4030	15	4010	10	Non-annex							
	Fos	HH4	65	HH3	15	HH4	10	ER3	10						
	Veg	MH5	65	HM2	15	WH5	10	Loose rock	10						

Alpine and Boreal heaths (4060)

Criteria	Scale(s) of assessment
Number of bryophyte or non-crustose lichen species present ≥ 3	4m ²
Cover of positive indicator species $\geq 66\%$ (Appendix VII)	4m ²
Cover of non-native species $< 1\%$	4m ²
Total cover of the following negative indicator species: <i>Agrostis capillaris</i> , <i>Cirsium arvense</i> , <i>C. vulgare</i> , <i>Holcus lanatus</i> , <i>Senecio jacobea</i> , <i>Ranunculus repens</i> , <i>Urtica dioica</i> , large <i>Rumex</i> species (except <i>R. acetosa</i>) $< 20\%$	4m ²
Live leaves of <i>Carex bigelowii</i> , <i>Deschampsia flexuosa</i> , <i>Festuca ovina</i> , <i>F.vivipara</i> showing signs of grazing collectively $< 10\%$	4m ²
Long shoots of palatable dwarf shrubs (<i>Calluna vulgaris</i> , <i>Erica cinerea</i> & <i>Vaccinium myrtillus</i>) showing signs of browsing collectively $< 33\%$. (There must be a minimum of 10 plants of the species present for this target to be assessed)	4m ²
No signs of burning inside feature	Local vicinity
Cover of disturbed, bare ground $< 10\%$	4m ²
Cover of disturbed, bare ground $< 10\%$	Local vicinity

***Species-rich *Nardus* grasslands, on siliceous substrates in mountain areas (and sub-mountain areas, in Continental Europe) (6230)**

Criteria	Scale(s) of assessment
Number of positive indicator species present ≥ 7 , one of these must be a high quality habitat indicator (Appendix VII)	4m ²
Cover of non-native species $\leq 10\%$	4m ²
Cover of the following negative indicator species: <i>Arrhenatherum elatius</i> , <i>Bellis perennis</i> , <i>Cirsium arvense</i> , <i>Cirsium vulgare</i> , <i>Dactylis glomerata</i> , <i>Eriophorum angustifolium</i> , <i>Eriophorum vaginatum</i> , <i>Holcus lanatus</i> , <i>Juncus effusus</i> , <i>Lolium perenne</i> , <i>Nartheicum ossifragum</i> , <i>Ranunculus repens</i> , <i>Rumex crispus</i> , <i>Rumex obtusifolius</i> , <i>Senecio jacobea</i> , <i>Trifolium repens</i> , <i>Urtica dioica</i> , collective cover $\leq 20\%$, individual cover $\leq 10\%$	4m ²
Total cover of the following negative bryophyte indicators: <i>Sphagnum</i> species $\leq 10\%$, <i>Polytrichum</i> species $\leq 25\%$ cover	4m ²
Forb component of Forb : graminoid ratio is from 20-90%	4m ²
$\geq 25\%$ of the sward is from 5 to 50 cm tall	4m ²
Cover of scrub, bracken, and heath $\leq 5\%$	4m ²
Litter cover $\leq 20\%$	4m ²
Cover of disturbed, bare ground $\leq 10\%$	4m ²
No more than 20m ² of the habitat is showing signs of serious grazing or disturbance	Local vicinity

Blanket bogs (*active only) (7130)

Criteria	Scale(s) of assessment
Number of positive indicator species present ≥ 7 (Appendix VII)	4m ²
Cover of each of the following species: <i>Trichophorum germanicum</i> , <i>Molinia caerulea</i> , <i>Schoenus nigricans</i> , <i>Eleocharis multicaulis</i> , <i>Eriophorum vaginatum</i> , <i>Calluna vulgaris</i> < 70%	4m ²
Cover of bryophyte or lichen species > 10%	4m ²
Cover of non-native species < 1%	4m ²
Cover of scattered native trees & shrubs < 10%	Local vicinity
Total cover of the following negative indicator species: <i>Agrostis capillaris</i> , <i>Holcus lanatus</i> , <i>Deschampsia flexuosa</i> , <i>Phragmites australis</i> , <i>Pteridium aquilinum</i> , <i>Ranunculus repens</i> < 1%	4m ²
Long shoots of palatable dwarf shrubs (<i>Calluna vulgaris</i> , <i>Erica cinerea</i> & <i>Vaccinium myrtillus</i>) showing signs of browsing collectively < 33%. (There must be a minimum of 10 plants of the species present for this target to be assessed)	4m ²
<i>Myrica gale</i> shoots showing signs of browsing < 66%	4m ²
No signs of burning into the moss, liverwort or lichen layer or exposure of peat surface due to burning	Local vicinity
No signs of burning or other disturbance inside boundaries of sensitive areas	Local vicinity
Area showing signs of drainage resulting from ditches or heavy trampling or tracking < 10%	Local vicinity
Crushed, broken and/or pulled up <i>Sphagnum</i> species < 10% of <i>Sphagnum</i> cover	4m ²
Cover of disturbed, bare ground < 10%	4m ²
Cover of disturbed, bare ground < 10%	Local vicinity
No patches of intensely disturbed bare ground or bare peat with a hard rubbery or ashed surface present $\geq 200\text{m}^2$	Local vicinity

*Sensitive areas

- (a) Slopes greater than 1 in 3 (18°), and all the sides of gullies.
- (b) Ground with abundant and/or an almost continuous carpet of *Sphagnum*, other mosses, liverworts and/or lichens.
- (c) Patterned areas (i.e. with pools), wet hollows, hags and erosion gullies.
- (f) Areas within 5-10 m of watercourses.
- (g) Areas above 400 m in altitude.
- (h) Areas within 50 m of functioning drains.

Depressions on peat substrates of the *Rhynchosporion* (7150)

Criteria	Scale(s) of assessment
Number of positive indicator species present ≥ 4 (Appendix VII)	4m ²
Cover of each of the following species: <i>Trichophorum germanicum</i> , <i>Molinia caerulea</i> , <i>Schoenus nigricans</i> , <i>Eleocharis multicaulis</i> < 70%	4m ²
Cover of <i>Sphagnum</i> species excluding <i>S. fallax</i> $\geq 25\%$	4m ²
Cover of non-native species < 1%	4m ²
<i>Myrica gale</i> shoots showing signs of browsing < 66%	4m ²
No signs of burning into the moss, liverwort or lichen layer or exposure of peat surface due to burning	Local vicinity
No signs of burning or other disturbance inside boundaries of sensitive areas	Local vicinity
Area showing signs of drainage resulting from ditches or heavy trampling or tracking < 10%	Local vicinity
Crushed, broken and/or pulled up <i>Sphagnum</i> species < 10% of <i>Sphagnum</i> cover	4m ²
Cover of disturbed, bare ground < 10%	4m ²
Cover of disturbed, bare ground < 10%	Local vicinity

*Sensitive areas

- (a) Ground with abundant and/or an almost continuous carpet of *Sphagnum*.
 (b) Patterned areas (i.e. with pools) and wet hollows.
 (c) Areas within 50 m of functioning drains.

Siliceous scree of the montane to snow levels (*Androsacetalia alpinae* and *Galeopsietalia ladani*) (8110)

Criteria	Scale(s) of assessment
Cover of bryophyte or non-crustose lichen species $\geq 10\%$	4m ²
Cover of non-native species < 1%	4m ²
Cover of <i>Pteridium aquilinum</i> , native trees & shrubs < 25%	Local vicinity
Total cover of the following negative indicator species: <i>Cirsium arvense</i> , <i>C. vulgare</i> , <i>Pteridium aquilinum</i> , large <i>Rumex</i> species (except <i>R. acetosa</i>), <i>Rubus fruticosus</i> agg., <i>Senecio jacobaea</i> , <i>Urtica dioica</i> < 1%	4m ²
Cover of grass species < 10%	4m ²
Live leaves of forbs and shoots of dwarf shrubs showing signs of grazing collectively < 50%	4m ²
Cover of ground disturbed by human & animal paths, scree running, vehicles < 10%	4m ² / Local vicinity

Calcareous and calcshist screes of the montane to alpine levels (*Thlaspietea rotundifolii*) (8120)

Criteria	Scale(s) of assessment
Number of positive indicator species present ≥ 4 (Appendix VII)	4m ²
Cover of non-native species < 1%	4m ²
Cover of <i>Pteridium aquilinum</i> , native trees & shrubs < 25%	Local vicinity
Total cover of the following negative indicator species: <i>Cirsium arvense</i> , <i>C. vulgare</i> , <i>Pteridium aquilinum</i> , large <i>Rumex</i> species (except <i>R. acetosa</i>), <i>Rubus fruticosus</i> agg., <i>Senecio jacobaea</i> , <i>Urtica dioica</i> <1%	4m ²
Cover of grass species excluding <i>Sesleria caerulea</i> < 15%	4m ²
Cover of vascular plants <66%	4m ²
Live leaves of forbs and shoots of dwarf shrubs showing signs of grazing collectively <50%	4m ²
Cover of ground disturbed by human & animal paths, scree running, vehicles <10%	4m ² / Local vicinity

Calcareous rocky slopes with chasmophytic vegetation (8210)

Criteria	Scale(s) of assessment
Number of positive indicator species present ≥ 4 (Appendix VII)	4m ²
Cover of non-native species < 1%	4m ²
Live leaves of forbs and shoots of dwarf shrubs showing signs of grazing collectively <50%	4m ²
Cover of disturbed, bare soil < 15%	4m ² / Local vicinity

APPENDIX VI: POSITIVE INDICATOR SPECIES FOR UPLAND ANNEX I HABITATS

North Atlantic wet heaths with <i>Erica tetralix</i> (4010)	European dry heath (4030)
<p><i>Arctostaphylos uva-ursi</i> <i>Breutelia chrysocoma</i> <i>Calluna vulgaris</i> <i>Campylopus atrovirens</i> <i>Carex</i> spp. <i>Diplophyllum albicans</i> <i>Drosera</i> spp. <i>Eleocharis multicaulis</i> <i>Empetrum nigrum</i> <i>Erica</i> spp. <i>Eriophorum angustifolium</i> <i>Eriophorum vaginatum</i> <i>Gloeocapsa magna</i> <i>Myrica gale</i> <i>Nartheceium ossifragum</i> Non-crustose lichens <i>Pedicularis sylvatica</i> Pleurocarpous mosses <i>Pleurozia purpurea</i> <i>Polygala serpyllifolia</i> <i>Racomitrium lanuginosum</i> <i>Rhynchospora</i> spp. <i>Salix repens</i> <i>Schoenus nigricans</i> <i>Sphagnum</i> spp. <i>Succisa pratensis</i> <i>Trichophorum germanicum</i> <i>Vaccinium</i> spp.</p>	<p><i>Arctostaphylos uva-ursi</i> <i>Calluna vulgaris</i> <i>Daboecia cantabrica</i> <i>Erica</i> spp. <i>Empetrum nigrum</i> <i>Racomitrium lanuginosum</i> <i>Vaccinium</i> spp.</p>

Alpine and Boreal heath (4060)

Antennaria dioica
Arctostaphylos uva-ursi
Calluna vulgaris
Carex bigelowii
Cetraria islandica
Cladonia arbuscula
Cladonia portentosa
Cladonia rangiferina
Cladonia uncialis
Diphasiastrum alpinum
Diplophyllum albicans
Empetrum nigrum
Erica cinerea
Erica tetralix
Herbertus aduncus
Hymenophyllum wilsonii
Juniperus communis ssp. *nana*
Racomitrium lanuginosum
Salix herbacea
Scapania gracilis
Solidago virgaurea
Luzula multiflora
Vaccinium myrtillus
Vaccinium vitis-idaea

*Species-rich *Nardus* grasslands, on siliceous substrates in mountain areas (and sub-mountain areas, in Continental Europe) (6230)

High quality habitat species

Carex binervis
Carex pilulifera
Danthonia decumbens
Lathyrus linifolius
Pseudorchis albida
Polygala serpyllifolia
Polygala vulgaris
Viola canina
Viola riviniana

Other species

Achillea millefolium
Agrostis capillaris
Anthoxanthum odoratum
Festuca ovina
Festuca vivipara
Galium saxatile
Hylocomium splendens
Hypericum maculatum
Juncus squarrosus
Nardus stricta
Pedicularis sylvatica
Potentilla erecta
Rhytidiadelphus loreus
Rhytidiadelphus squarrosus
Succisa pratensis
Veronica officinalis

Blanket bogs (*active only) (7130)

Andromeda polifolia
Arctostaphylos uva-ursi
Breutelia chrysocoma
Calluna vulgaris
Campylopus atrovirens
Carex bigelowii
Carex limosa
Diplophyllum albicans
Drosera spp.
Eleocharis multicaulis
Empetrum nigrum
Erica spp.
Eriophorum angustifolium
Eriophorum vaginatum
Menyanthes trifoliata
Myrica spp.
Myrica gale
Narthecium ossifragum
Non-crustose lichens
Odontoschisma sphagni
Pedicularis sylvatica
Pinguicula lusitanica
Pleurocarpous mosses
Pleurozia purpurea
Polygala serpyllifolia
Racomitrium lanuginosum
Rhynchospora spp.
Scapania gracilis
Schoenus nigricans
Sphagnum spp.
Trichophorum germanicum
Vaccinium spp.

**Depressions on peat substrates of the
Rhynchosporion (7150)**

Carex limosa
Carex panicea
Eleocharis multicaulis
Eriophorum angustifolium
Drosera spp.
Juncus bulbosus
Menyanthes trifoliata
Narthecium ossifragum
Rhynchospora spp.
Sphagnum spp.
Utricularia spp.
Warnstorfia fluitans

Calcareous and calcshist screes of the montane to alpine levels (*Thlaspietea rotundifolii*) (8120)

Alchemilla alpina
Arenaria serpyllifolia
Asplenium adiantum-nigrum
Asplenium ruta-muraria
Asplenium trichomanes
Asplenium viride
Carex pulicaris
Ceterach officinarum
Cystopteris fragilis
Dryas octopetala
Geranium lucidum
Geranium robertianum
Gymnocarpium robertianum
Hieracium spp.
Koeleria macrantha
Oxalis acetosella
Polystichum aculeatum
Polystichum lonchitis
Polystichum setiferum
Persicaria vivipara
Saxifraga aizoides
Saxifraga oppositifolia
Sedum acre
Selaginella selaginoides
Silene acaulis
Teucrium scorodonia
Thalictrum alpinum
Thymus polytrichus
Linum catharticum

Calcareous rocky slopes with chasmophytic vegetation (8210)

Alchemilla alpina
Arenaria serpyllifolia
Asplenium adiantum-nigrum
Asplenium ruta-muraria
Asplenium trichomanes
Asplenium viride
Carex pulicaris
Ceterach officinarum
Cystopteris fragilis
Draba incana
Dryas octopetala
Hieracium spp.
Koeleria macrantha
Neckera crispa
Persicaria vivipara
Phyllitis scolopendrium
Polystichum aculeatum
Polystichum lonchitis
Polystichum setiferum
Saxifraga aizoides
Saxifraga hypnoides
Saxifraga oppositifolia
Sedum acre
Selaginella selaginoides
Silene acaulis
Thalictrum alpinum
Thymus polytrichus

APPENDIX VII: IMPACTS AND CODES FOR FUTURE PROSPECTS ASSESSMENT

Code	Impact
A	<i>Agriculture</i>
A01	Cultivation
A02	modification of cultivation practices
A02.01	agricultural intensification
A02.02	crop change
A02.03	grassland removal for arable land
A03	mowing / cutting of grassland
A03.01	intensive mowing or intensification
A03.02	non intensive mowing
A03.02	abandonment / lack of mowing
A04	grazing
A04.01	intensive grazing
A04.01.01	intensive cattle grazing
A04.01.02	intensive sheep grazing
A04.01.03	intensive horse grazing
A04.01.04	intensive goat grazing
A04.01.05	intensive mixed animal grazing
A04.02	non intensive grazing
A04.02.01	non intensive cattle grazing
A04.02.02	non intensive sheep grazing
A04.02.03	non intensive horse grazing
A04.02.04	non intensive goat grazing
A04.02.05	non intensive mixed animal grazing
A04.03	abandonment of pastoral systems, lack of grazing
A05	livestock farming and animal breeding (without grazing)
A05.01	Animal breeding,
A05.02	stock feeding
A05.03	Lack of animal breeding
A06	annual and perennial non-timber crops
A06.01	annual crops for food production
A06.01.01	intensive annual crops for food production/ intensification
A06.01.02	non- intensive annual crops for food production
A06.02	perennial non-timber crops
A06.02.01	intensive perennial non-timber crops/intensification
A06.02.02	non-intensive perennial non-timber crops
A06.03	biofuel-production
A06.04	abandonment of crop production
A07	use of biocides, hormones and chemicals
A08	Fertilisation
A09	Irrigation
A10	Restructuring agricultural land holding
A10.01	removal of hedges and copses or scrub
A10.02	removal of stone walls and embankments
A11	Agriculture activities not referred to above
B	<i>Sylviculture, forestry</i>
B01	forest planting on open ground
B01.01	forest planting on open ground (native trees)
B01.02	artificial planting on open ground (non-native trees)
B02	Forest and Plantation management & use
B02.01	forest replanting
B02.01.01	forest replanting (native trees)

Code	Impact
B02.01.02	forest replanting (non native trees)
B02.02	forestry clearance
B02.02	removal of forest undergrowth
B02.04	removal of dead and dying trees
B02.05	non- intensive timber production (leaving dead wood/ old trees untouched)
B02.06	thinning of tree layer
B03	forest exploitation without replanting or natural regrowth
B04	use of biocides, hormones and chemicals (forestry)
B05	use of fertilizers (forestry)
B06	grazing in forests/ woodland
B07	Forestry activities not referred to above
C	<i>Mining, extraction of materials and energy production</i>
C01	Mining and quarrying
C01.01	Sand and gravel extraction
C01.01.01	sand and gravel quarries
C01.01.02	removal of beach materials
C01.02	Loam and clay pits
C01.03	Peat extraction
C01.03.01	hand cutting of peat
C01.03.02	mechanical removal of peat
C01.04	Mines
C01.04.01	open cast mining
C01.04.01	underground mining
C01.05	Salt works
C01.05.01	abandonment of saltpans (salinas)
C01.05.02	conversion of saltpans
C01.06	Geotechnical survey
C01.07	Mining and extraction activities not referred to above
C02	Exploration and extraction of oil or gas
C02.01	exploration drilling
C02.02	production drilling
C02.03	jack-up drilling rig
C02.04	semi-submersible rig
C02.05	drill ship
C03	Renewable abiotic energy use
C03.01	geothermal power production
C03.02	solar energy production
C03.03	wind energy production
C03.04	tidal energy production
D	<i>Transportation and service corridors</i>
D01	Roads, paths and railroads
D01.01	paths, tracks, cycling tracks
D01.02	roads, motorways
D01.03	car parks and parking areas
D01.04	railway lines, TGV
D01.05	bridge, viaduct
D01.06	tunnel
D02	Utility and service lines
D02.01	electricity and phone lines
D02.01.01	suspended electricity and phone lines
D02.01.02	underground electricity and phone lines
D02.02	pipe lines

Code	Impact
D02.03	communication masts and antennas
D02.09	other forms of energy transport
D03	shipping lanes, ports, marine constructions
D03.01	port areas
D03.01.01	slipways
D03.01.02	piers
D03.01.03	fishing harbours
D03.01.04	industrial ports
D03.02	Shipping
D03.03	marine constructions
D04	airports, flightpaths
D04.01	airport
D04.02	aerodrome, heliport
D04.03	flight paths
D05	Improved access to site
D06	Other forms of transportation and communication
E	<i>Urbanisation, residential and commercial development</i>
E01	Urbanised areas, human habitation
E01.01	continuous urbanisation
E01.02	discontinuous urbanisation
E01.03	dispersed habitation
E01.04	other patterns of habitation
E02	Industrial or commercial areas
E02.01	factory
E02.02	industrial stockage
E02.03	other industrial / commercial area
E03	Discharges
E03.01	disposal of household waste
E03.02	disposal of industrial waste
E03.03	disposal of inert materials
E03.04	Other discharges
E03.04.01	costal sand suppletion/ beach nourishment
E04	Structures, buildings in the landscape
E04.01	Agricultural structures, buildings in the landscape
E04.02	Military constructions and buildings in the landscape
E05	Storage of materials
E06	Other urbanisation, industrial and similar activities
E06.01	demolishment of buildings & human structures
E06.02	reconstruction, renovation of buildings
F	<i>Biological resource use other than agriculture & forestry</i>
F01	Marine and Freshwater Aquaculture
F01.01	intensive fish farming, intensification
F01.02	suspension culture
F01.03	bottom culture
F02	Fishing and harvesting aquatic resources
F02.01	Professional passive fishing
F02.01.01	potting
F02.01.02	netting
F02.01.03	demersal longlining
F02.01.04	pelagic longlining
F02.02	Professional active fishing
F02.02.01	benthic or demersal trawling
F02.02.02	pelagic trawling
F02.02.03	demersal seining

Code	Impact
F02.02.04	purse seining
F02.02.05	benthic dredging
F02.03	Leisure fishing
F02.03.01	bait digging
F03	Hunting and collection of wild animals (terrestrial)
F03.01	Hunting
F03.01.01	damage caused by game (excess population density)
F03.02	Taking and removal of animals (terrestrial)
F03.02.01	collection of animals (insects, reptiles, amphibians.....)
F03.02.02	taking from nest (e.g. falcons)
F03.02.03	trapping, poisoning, poaching
F03.02.04	predator control
F03.02.05	accidental capture
F03.02.09	other forms of taking animals
F04	Taking / Removal of terrestrial plants, general
F04.01	pillaging of floristic stations
F04.02	collection (fungi, lichen, berries etc.)
F04.02.01	hand raking
F04.02.02	hand collection
F05	Hunting, fishing or collecting activities not referred to above
F05.01	game/ bird breeding station
G	<i>Human intrusions and disturbances</i>
G01	Outdoor sports and leisure activities, recreational activities
G01.01	nautical sports
G01.01.01	motorized nautical sports
G01.01.02	non-motorized nautical sports
G01.02	walking, horse-riding and non-motorised vehicles
G01.03	motorised vehicles
G01.03.01	regular motorized driving
G01.03.02	off-road motorized driving
G01.04	mountaineering, rock climbing, speleology
G01.04.01	mountaineering & rock climbing
G01.04.02	speleology
G01.05	gliding, delta plane, paragliding, ballooning
G01.06	skiing, off-piste
G01.07	other outdoor sports and leisure activities
G02	Sport and leisure structures
G02.01	golf course
G02.02	skiing complex
G02.03	stadium
G02.04	circuit, track
G02.05	hippodrome
G02.06	attraction park
G02.06	sports pitch
G02.07	camping and caravans
G02.08	wildlife watching
G02.09	other sport / leisure complexes
G03	Interpretative centres
G04	Military use and civil unrest
G04.01	Military manoeuvres
G04.02	abandonment of military use
G05	Other human intrusions and disturbances
G05.01	Trampling, overuse
G05.02	Vandalism
G05.03	intensive maintenance of public parks

Code	Impact
G05.04	tree surgery, felling for public safety, removal of roadside trees
G05.05	missing or wrongly directed conservation measures
G05.06	closures of caves or galleries
G05.07	fences, fencing
G05.08	overflying with aircrafts (agricultural)
H	<i>Pollution</i>
H01	Pollution to surface waters (limnic & terrestrial)
H01.01	pollution to surface waters by industrial plants
H01.02	pollution to surface waters by storm overflows
H01.03	other point source pollution to surface water
H01.04	diffuse pollution to surface waters via storm overflows or urban run-off
H01.05	diffuse pollution to surface waters due to agricultural and forestry activities
H01.06	diffuse pollution to surface waters due to transport and infrastructure without connection to canalization/sweepers
H01.07	diffuse pollution to surface waters due to abandoned industrial sites
H01.08	diffuse pollution to surface waters due to household sewage and waste waters
H01.09	diffuse pollution to surface waters due to other sources not listed
H02	Pollution to groundwater (point sources and diffuse sources)
H02.01	groundwater pollution by leakages from contaminated sites
H02.02	groundwater pollution by leakages from waste disposal sites
H02.03	groundwater pollution associated with oil industry infrastructure
H02.04	groundwater pollution by mine water discharges
H02.05	groundwater pollution by discharge to ground such as disposal of contaminated water to soakaways
H02.06	diffuse groundwater pollution due to agricultural and forestry activities
H02.07	diffuse groundwater pollution due to non-sewered population
H02.08	diffuse groundwater pollution due to urban land use
H03	Marine water pollution
H03.01	oil spills in the sea
H04	Air pollution, air-borne pollutants
H04.01	Acid rain
H04.02	Nitrogen-input
H04.03	other air pollution
H05	Soil pollution and solid waste (excluding discharges)
H05.01	garbage and solid waste
H06	excess energy
H06.01	Noise nuisance, noise pollution
H06.01.01	point source or irregular noise pollution
H06.01.02	diffuse or permanent noise pollution
H06.02	Light pollution
H06.03	Thermal heating of water bodies
H07	Other forms of pollution
I	<i>Invasive, other problematic species and genes</i>
I01	invasive non-native species
I02	problematic native species
I03	introduced genetic material, GMO
I03.01	genetic pollution (animals)
I03.02	genetic pollution (plants)
J	<i>Natural System modifications</i>
J01	fire and fire suppression
J01.01	burning down
J01.02	suppression of natural fires
J01.03	lack of fires

Code	Impact
J02	human induced changes in hydraulic conditions
J02.01	Landfill, land reclamation and drying out, general
J02.01.01	polderisation
J02.01.02	reclamation of land from sea, estuary or marsh
J02.01.03	infilling of ditches, dykes, ponds, pools, marshes or pits
J02.01.04	recultivation of mining areas
J02.02	Removal of sediments (mud...)
J02.02.01	dredging/ removal of limnic sediments
J02.02.02	estuarine and coastal dredging
J02.03	Canalisation & water deviation
J02.03.01	large scale water deviation
J02.03.02	canalisation
J02.04	Flooding modifications
J02.04.01	flooding
J02.04.02	lack of flooding
J02.05	Modification of hydrographic functioning, general
J02.05.01	modification of marine currents
J02.05.02	modifying structures of inland water courses
J02.05.03	modification of standing water bodies
J02.05.04	reservoirs
J02.05.05	small hydropower projects, weirs
J02.06	Water abstractions from surface waters
J02.06.01	surface water abstractions for agriculture
J02.06.02	surface water abstractions for public water supply
J02.06.03	surface water abstractions by manufacturing industry
J02.06.04	surface water abstractions for the production of electricity (cooling)
J02.06.05	surface water abstractions by fish farms
J02.06.06	surface water abstractions by hydro-energy
J02.06.07	surface water abstractions by quarries/ open cast (coal) sites
J02.06.08	surface water abstractions for navigation
J02.06.09	surface water abstractions for water transfer
J02.06.10	other major surface water abstractions
J02.07	Water abstractions from groundwater
J02.07.01	groundwater abstractions for agriculture
J02.07.02	groundwater abstractions for public water supply
J02.07.03	groundwater abstractions by industry
J02.07.04	groundwater abstractions by quarries/open cast (coal)sites
J02.07.05	other major groundwater abstractions from groundwater for agriculture
J02.08	Raising the groundwater table /artificial recharge of groundwater
J02.08.01	discharges to groundwater for artificial recharge purposes
J02.08.02	returns of groundwater to GWB from which it was abstracted
J02.08.03	mine water rebound
J02.08.04	other major groundwater recharge
J02.09.	Saltwater intrusion of groundwater
J02.09.01	saltwater intrusion
J02.09.02	other intrusion
J02.10	management of aquatic and bank vegetation for drainage purposes
J02.11	Dumping, depositing of dredged deposits
J02.11	Dykes, embankments, artificial beaches, general
J02.11.01	sea defence or coast protection works, tidal barrages
J02.11.02	dykes and flooding defence in inland water systems
J02.12	Abandonment of management of water bodies
J02.13	Other human induced changes in hydraulic conditions

Code	Impact
J03	Other ecosystem modifications
J03.01	reduction or loss of specific habitat features
J03.01.01	reduction of prey availability (including carcasses)
J03.02	anthropogenic reduction of habitat connectivity
J03.02.01	reduction in migration/ migration barriers
J03.02.02	reduction in dispersal
J03.02.03	reduction in genetic exchange
J03.03	reduction, lack or prevention of erosion
J03.04	applied (industrial) destructive research
K	<i>Natural biotic and abiotic processes (without catastrophes)</i>
K01	abiotic (slow) natural processes
K01.01	Erosion
K01.02	Silting up
K01.03	Drying out
K01.04	Submersion
K01.05	Soil salinization
K02	Biocenotic evolution, succession
K02.01	species composition change (succession)
K02.02	accumulation of organic material
K02.03	eutrophication (natural)
K02.04	acidification (natural)
K03	Interspecific faunal relations
K03.01	competition (fauna)
K03.02	parasitism (fauna)
K03.03	introduction of disease
K03.04	predation
K03.05	antagonism arising from introduction of species
K03.06	antagonism with domestic animals
K03.07	other forms of interspecific faunal competition
K04	Interspecific floral relations
K04.01	competition (flora)
K04.02	parasitism (flora)
K04.03	introduction of disease
K04.04	lack of pollinating agents
K04.05	damage by herbivores (including game species)
K05	reduced fecundity/ genetic depression
K05.01	reduced fecundity/ genetic depression in animals (inbreeding)
K05.02	reduced fecundity/ genetic depression in plants (incl. endogamy)
K06	other forms or mixed forms of interspecific floral competition
L	<i>Geological events, natural catastrophes</i>
L01	volcanic activity
L02	tidal wave, tsunamis
L03	earthquake
L04	avalanche
L05	collapse of terrain, landslide
L06	underground collapses
L07	storm, cyclone
L08	inundation (natural processes)
L09	fire (natural)
L10	other natural catastrophes
M	<i>Climate change</i>
M01	Changes in abiotic conditions
M01.01	rise of temperature & extremes

Code	Impact
M01.02	droughts and less precipitations
M01.03	flooding and rising precipitations
M02	Changes in biotic conditions
M02.01	habitat shifting and alteration
M02.02	desynchronisation of processes
M02.03	decline or extinction of species
M02.04	migration of species (natural newcomers)
X	<i>No threats or pressures</i>
XO	Threats and pressures from outside the Member State
XE	Threats and pressures from outside the EU territory

APPENDIX VIII: STRUCTURE OF NSUH CONDITION ASSESSMENT DATA DICTIONARY

Table	Field	Values
Site General	NSUH Site No	NSUH site number
	Designated Site Code	SAC /NHA /SPA code
	Site Name	Name of site
	Ecologists	Initials of all surveyors
	Dates Surveyed	Range of relevant dates
	Site Area	Area in hectares
	National Grid	12 figure grid reference
	No Relevés	Total number of relevés
	Ownership	e.g. Bórd na Móna, NPWS, Private - Multiple
Structure Criteria	Site No	NSUH site number
	Designated Site Code	SAC /NHA /SPA code
	Annex I Code	Annex I habitat code
	Fossitt	Fossitt (2000) habitat code
	Monitoring Stop No	Relevé number of monitoring stop
	Performance Indicator	e.g. No. bryophytes / lichens present, non-native spp. cover
	Target	e.g. 3 spp., <1%
	Result	e.g. 6 spp., 5%
	Assessment	Pass or Fail
	Stop description	Additional notes
Monitoring Stops	Site No	NSUH site number
	Designated Site Code	SAC /NHA /SPA code
	Annex I Code	Annex I habitat code
	Fossitt	Fossitt (2000) habitat code
	Monitoring Stop No	Relevé number of monitoring stop
	Altitude	Altitude (m)
	Aspect	Aspect as N, NW, W etc.
	Slope	Slope (°)
	National Grid	12 figure grid reference
Assessment	Pass or Fail	
Future Prospects	NSUH Site No	NSUH site number
	Designated Site Code	SAC /NHA /SPA code
	Annex I Code	Annex I habitat code
	Impact Code	From most recent EU list
	Intensity	High (H), Medium (M) or Low (L)
	Influence	Positive, Negative or Neutral
	% Habitat Area	% of habitat impacted upon
	Trend	Increasing, Decreasing, None or Unknown
	Source	Inside or Outside
Overall Assessment	NSUH Site No	NSUH site number
	Designated Site Code	SAC /NHA /SPA code
	Annex I Code	Annex I habitat code
	Hectarage	Area of habitat within survey site
	Area	Favourable, Unfavourable – Inadequate, Unfavourable - Bad
	Future Prospects	Favourable, Unfavourable – Inadequate, Unfavourable - Bad
	Structure and functions	Favourable, Unfavourable – Inadequate, Unfavourable - Bad
	Overall assessment	Favourable, Unfavourable – Inadequate, Unfavourable - Bad