Site Name: Ballynafagh Bog SAC 000391

County: Kildare

## Site Specific Conservation Objective (SSCO) Ecological Attributes

## 7110 Active raised bogs\*

- 1 Habitat Area
- 2 Habitat Distribution
- 3 High Bog Area
- 4.1 Hydrological regime water levels
- 4.2 Hydrological regime flow patterns
- 5 Transitional areas between high bog and adjacent mineral soils (including cutover areas)
- 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland
- 6.2 Vegetation quality: microtopographical features
- 6.3 Vegetation quality: bog moss (Sphagnum) species
- 7.1 Typical ARB species: flora
- 7.2 Typical ARB species: fauna
- 8 Elements of local distinctiveness
- 9 Negative physical indicators
- 10.1 Vegetation composition: native negative indicator species
- 10.2 Vegetation composition: nonnative invasive species
- 11 Air quality: nitrogen deposition
- 12 Water quality

## Site Specific Conservation Objective (SSCO) Ecological Attributes

7120	The long-term aim for Degraded raised bogs still capable of natural regeneration is that its
	peat-forming capability is re-established; therefore, the conservation objective for this
	habitat is inherently linked to that of Active raised bogs (7110) and a separate conservation
	objective has not been set in Ballynafagh Bog SAC
7150	Depressions on peat substrates of the Rhynchosporion is an integral part of good quality
	Active raised bogs (7110) and thus a separate conservation objective has not been set for the
	habitat in Ballynafagh Bog SAC.

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No.	Ecological Requirements (Attributes as per SSCO)	Pressure /Threat (EU Code 2025)	Pressure/Threat Ranking	EU Conservation Measure Type (EU Code 2019-2024)	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory responsibility	Implementation timeframe	Integration with high level plans/policy:
1	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1	PL02 Drainage (mixed or	High	MF08 Manage changes in hydrological and coastal	Statutory	Regulation controlling development including associated drainage	S.I. NO. 600/2001 - Planning and Development	Local Authority (Kildare)/An Bord	2001+	All government plans and policy documents are cognisant
	Hydrological regime - water levels, 4.2 Hydrological regime- flow patterns, 5. Transitional rates between high bog and adjacent mineral solis (including cutover area), 6.1 Vegetation quality, central ecclupes, active flush, such bo, buy accoldent, 6.2 Vegetation quality hog moss (Sphagnum) species, 7.3 Typical ABS species floor, 2.7 Yelpical ABS species from, 8. Elements of local distinctiveners, 9. Negative physical indicators, 10.1 Vegetation composition: nather negative indicator species, 12 Vegetation composition: non-native invasive species, 12 Water quality	unknown driveral		systems and regimes for construction and development (incl. restoration of habitats).			Segulations 2001, as amended.	Picanála (ABP)		of these protections
2	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime- flow patterns, 5. Transitional rates between high bog and adjacent mirred sols (including cutower sees), 6.1 Vegetation qualify: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation qualify: rice to lopographic floations, 6.3 Typical ARB species: flora, 7.2 Typical ARB species: flama, 8. Elements of local distributions; 9. Pegative hypical indications, 10.1 Vegetation composition: native negative indicators species, 10.2 Vegetation composition: non-native invasive species, 12 Water qualify	PA22 Drainage for use as agricultural land	High	MA33 Manage agricultural drainage and water abstraction (incl. the restoration of drained or hydrologically altered habitats).	Statutory	Regulation controlling development including associated drainage	5LNe. 456/2011 ECEA Agricultura Ress. 2011. as amended	Department of Agriculture Food and Marine (DAFM)	2011+	All government plans and policy documents are cognisant of these protections
3	Indrotogical regime - water levels, 4.2 hydrotogical regime- flow patterns, 5. Transitional races between high bog and adjacent mineral soils (including cutover areas), 6.1 vegetation quality: central ecolopse, active flush, soch, bog woodland, 6.2 Vegetation quality: micro topographical features, 6.3 Vegetation quality: pico mosis (Sphagmun) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB species: flama, 8. Elements of local distinctioness. 9. Negative physical indication, 10.1 Vegetation composition: native negative indicators species, 10.2 Vegetation composition: non-native invasive species, 12 Water quality	PLOS Oransper (mixed or, unknown drivers)	High	MIGB Manage changes in hydrological and coastal systems and regime for construction and development (incl. restoration of habitats).	Statutory	Consent required for works on, or alterations to the banks, bed or flow of a drain watercourse or waterbody, if not covered by other regulations.	Euroseast Irinin Islatiats (Bellmuffalt) Beg Special. Area of Conservation 0003931 Begulations 2017	Department of Housing, Local Government and Government and Government and Government and Government and Government and Government of Governmen	1997+	All government plans and policy documents are cognisant of these protections
4	Hydrological regime - water levels, 4.2 Hydrological regime- flow patterns, 5. Transitional races between high bog and adjacent mineral soils (including cutower areas), 6.1 Vegetation quality, central excipers, active flush, such bo, bog woodlend, 6.2 Vegetation quality: log moss Sphagnum) spocies, 7.3 Typical ABS spociess floor, 2.7 Ypical ABS species fram, 8. Elements of local distinctiveness, 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 1.2 Vegetation composition: native negative indicators procedus, 2.2 Vegetation composition: non-native invasive species, 12 Water quality	PLOZ Drainage (mixed or unknown drivers)	High	MitGB Manage changes in hydrological and coastal systems and regime for construction and development (incl. restoration of habitats).	Statutory	Consent required for drainage works including digging, deepening, widening of blocking a drain, watercourse or waterbody) if not covered by other regulations.	European Union Nebitats (Refineralist) Sec Special Area of Conservation 1003991) Regulations 2017	Department of Housing, Local Government and Territing (PMLGHI) National Parks and Wildfild Service (NPWS)	1997+	All government plans and policy documents are cognisant of these protections
5	Hydrological regime - water levels, 4.2 Hydrological regime- flow patterns, 5. Transitional races between high bog and adjacent mineral soils (including cutover areas), 6.1 Vegetation quality-central ecopyes, active flust, society, bog woodland, 6.2 Vegetation quality-micro topographical features, 6.3. Typical vegetation quality by more lightpurpurp species, 2.1 Typical vegetation quality by more lightpurpurp species, 2.1 Typical vegetation composition: native negative indicates species, 10.2 Vegetation composition: native negative indicate species, 10.2 Vegetation composition: non-native invasive species, 12 Water quality	PA22 Drainage for use as agricultural land.	High	MA13 Manage agricultural drainage and water abstraction (incl. extensions of drained or hydrologically altered habitats)	Administrative	Monitoring and reporting of relevant farm activity at the SAC. Direct inspections for DAM Conditionality compliance or via other Establishment (via Cross Reporting) to Integrated Controls Division in DAFM.	DAPM BISS Conditionality Farm inspections - NPVS Conservation Represe Sist monitoring (Cross Compliance)	Department of Agriculture Food and Marine (DAFM)	1997+	All government plans and policy documents are cognisant of these protections
6	Hydrological regime - water levels, 4.2 Hydrological regime- flow patterns, 5. Transitional areas between high bog and adjacent inneral solis (including cutover areas), 6.1 Vegetation quality: central ecology, active flush, solis, bog woodland, 6.2 Vegetation quality: micro to poproprish at features, 6.3 Vegetation quality is port most (Sphagmun) species, 2.1 Typical Adia species: flora, 2.2 Typical Adia species: fauma, 8. Elements vegetation quality is possible of the species of the species of the vegetation composition: nother negative indicate species, 1.02 Vegetation composition: non-native invasive species, 12 Water quality	PCOS Peat Extraction	Low	MAGD Retoring freshwater, wetlands and coastal hobitals impacted by multi-purpose hydrological modifications.	Contractual / Administrative	incentivises the cessation of peat extraction activity within raised log SAC's. (21 participants in the CTCCS)	Turf Cutting Compensation Scheme	Department of Housing, Local Government and Heritage (DHLGH) National Parks and Wildlife Service (NPWS)	2011+	National Peatland Strategy
7		PCOS Peat Extraction	Low	Mr68 Manage change in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats).	Contractual/Administrative	The Peatlands and Matura Community Engagement Scheme rencourage communitie, local organizations and other parties to become involved in the enhancement of the SAC site and raise awareness.	Peetlands and Natura Community Engagement. Scheme (PACES)	Department of Housing, Local Government and Heritage (DHLGH) National Parts and Wildlife Service (NPWS)	2022+	National Postland Strategy

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No.	Ecological Requirements (Attributes as per SSCO)	Pressure /Threat (EU Code 2025)	Pressure/Threat Ranking	EU Conservation Measure Type (EU Code 2019-2024)	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory responsibility	Implementation	Integration with high level plans/policy:
8	(Attributes as per SSCU)  1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1  Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and	PC05 Peat Extraction	Low	MC01 Adapt/manage extraction of non-energy resources	Contractual / Administrative	The Voluntary Bog Purchase Scheme facilitates the state purchase of bog land/turbary rights. To date 49.997 Acres of Freehold purchased in 15 transactions	Voluntary Bog Purchase Scheme	Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Service	2022+	National Raised Bog SAC Management Plan 2017-2022
	salizent mineral solis (including cutower areas), 6.1 Vegetation quality: central evolveps, active flush, scales, byge woodland, 5.2 Vegetation quality-mirco topographical features, 6.3 Vegetation quality-mirco topographical features, 6.3 Vegetation quality-genous (Shghaymun) species, 7.1 Typical A88 species: Rora, 7.2 Typical A88 species: Rora, 7.2 Typical A88 species: Rora, 8. Elements of local distinctioness, 9. Negative bypical indication, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: non-native invasive species, 12 Valer quality							(NPWS)		
9	Hydrological regime - water levels, 4.2 Hydrological regime- flow patterns, 5. Transitional areas between high bog and adjacent mineral solis (including cutover areas), 6.1 Vegetation quality; central ecology, earther lasty, solis, bog woodland, 6.2 Vegetation quality; micro to popyaphical features, 6.3 Vegetation quality; micro to popyaphical features, 6.3 Add species flow, 2.7 Typical Molt species; 7.1 Typical Add species flow, 2.7 Typical Molt species; 7.6 Lypical Vegetation; or proposition in native register indicates species, 10.2 Vegetation composition: non-in-native invasive species, 12 Water quality.	PCOS Peat Extraction	Low	MMO3 Restoring freshwater, wetlands and coastal habitats impacted by multi-purpose hydrological modifications.	Contractual / Administrative	The Protected Raised Bog Restoration incentive Scheme facilitates the restoration of lands within the SAC. 8 participants in this scheme and 4 land purchases were completed.	The Protected Raised Box Restoration Incentive Scheme	Department of Housing, Local Government and Heritage (DH.GH)/ National Parks and Wildlife Service (NPWS)	2021	National Postland Strategy
	Hydrological regime - water levels, 4.2 Hydrological regime- flow patterns, 5. Transitional areas between high bog and adjacent inneral solis (including cutover areas), 6.1 Vegetation quality, central ecology, earthr Laish, solis, bog woodland, 6.2 Vegetation quality micro to nopsymbiat features, 6.3 Vegetation quality prices to have been processed and a second a second and a second a second and a second a second and a second a second and a second a second and a second	PBOL Conversion to forest from- other land use, or afforestation (excluding drainage)	High	MBQ2 Prevent conversion of (semi-) natural habilists into forests and of (semi-) natural forests into intensive forest plantation	Statutory	Forestry constrained to soils with peat depth of 30cm or less.	Userning procedure via Forestry Regulations 2012.  St. No. 191 of 2017), as amended.	Department of Agriculture Food and Marine (DAFM)/Forestry Division	2017+	All government policies are cognisant of these regulations.
11	Hydrological regime - water levels, 4.2 Hydrological regime- flow patterns, 5. Transitional areas between high bog and adjacent mineral solis (including cutover areas), 6.1 Vegetation quality; central ecology, earthr lash, such, bog woodland, 6.2 Vegetation quality micro to popyaphical features, 6.3 Vegetation quality por micro (phang patient), 2.7 Typical Med species: fram, 2.6 Themedia Media precise: fram, 2.2 Typical Media species; frams, 8.6 Emendia Vegetation composition: notive register indicator species, 12 Vegetation composition: non-native invasive species, 12 Water quality	P801 Conversion to forest from other land uses, or afforestation (excluding drainage)	High	MBIOL Prevent conversion of (semi-) natural habitas tion forests and of (femi-) natural forests into intensive forest plantation	Statutory	Planting of trees or multi-annual bioenergy crops if not covered by the Forestry regulations.	European Union Habitats (Ballynafagh Rog Special Area of Conservation (00391) Regulations 2012	Department of Housing, Local Government and Heritage (DHLGH) National Parks and Wildlife Service (NPWS)	1997+	National Peatland Strategy
12	Hydrological regime - water levels, 4.2 Hydrological regime- flow patterns, 5. Transitional areas between high bog and adjacent inneral solis (including cutover areas), 6.1 Vegetation quality; central evoluty, exter bush, soles, bog woodland, 6.2 Vegetation quality; merco biopsyabical features, 6.3. Tipical vegetation quality; merco biopsyabical features, 6.3. Tipical vegetation quality good most (Sphapmun) peters, 7.1 Tipical vegetation quality; merco perconduction of the peters of the Vegetation of the peters of the vegetation	AU/Cither Relevant Threats and Pressures.		MIGB Manage changes in hydrological and coastal yethern and regime for construction and development (incl. restoration of habitats).	Administrative	Raised Bogs Community Engagement, Education and Awareness Programme developed to encourage communities, local organisations and other parties to become involved in the enhancement of these areas and raise awareness.	Ballmarlan Box SAC Restoration Plan	Department of Housing, Locally Government and Ferringe (DNLGH)/ National Parks and Wildlife Service (NPWS)	2022+	National Raised Box SAC Management Plan 2017-2022
13	Hydrological regime - water levels, 4.2 Hydrological regime- flow patterns, 5. Transitional areas between high bog and adjacent mineral solis (including cutower areas), 6.1 Vegetation quality, central evoluty, each trush, such, bog woodland, 6.2 Vegetation quality, micro to propagatical features, 6.3. Typical ABS species: flora, 7.2 Typical ABS species: flora, 7.2 Typical ABS species: flora, 7.2 Typical ABS species from a, 8. Elements of local distinctiveners, 5. Negative physical indicaton, 10.1 Vegetation composition native negative indicator species, 10.2 Vegetation composition non-native invasive species, 11. Air quality, nitrogen deposition, 12 Water quality	All/Other Relevant Threats and Pressures		MIOI Implement climate change mitigation measures	Administrative	A roadmap of actions to assist in the achievement of climate change objectives by no later than the end of the year 2050	trelands Climate Action Plan 2024	All Government Departments	2024+	All government policies are cognisant of this plan.
14	Lisbihata eva. 2. Habitat Distribution. 3. High Bog Area, 4.1 Hydrological regime - welfer levels, 4.2 Hydrological regime - flow patterns, 5. Transistional areas between high bog and adjacent mirreral 50% (including cutower sees), 6.1 Vegetation quality rectnate exchype, active flush, soaks, bog woodland, 6.2 Vegetation quality more to popupphise flushers, 6.3. Typical ASS species flows, 2.2 Typical ASS species flows, 9.8 Emerits of local distributionsess. 9. Negative Psychological inclination, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: not native invisive species, 11. Air quality: nitrogen deposition, 12 Water quality	All/Cuther Relevant Threats and Pressures		MGGJ Rectoring freshwater, wetlands and coastal hobbits impacted by multi-purpose hydrological modifications.	Administrative	Public relations and information dissemination by authorised officers to stakeholders.	NEWS Conservation Barger retevent and Regional Management agreement of Authorized Collection and Authorized Collection and Authorized Collection and Authorized Collection and Authorized Authorized Authorized Collection and	Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Service (NPWS)	1997+	Climate Action and Low Cerhon Development. (Amendment) Act 2021.

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No.	Ecological Requirements (Attributes as per SSCO)	Pressure /Threat (EU Code 2025)	Pressure/Threat Ranking	EU Conservation Measure Type (EU Code 2019-2024)	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory responsibility	Implementation timeframe	Integration with high level plans/policy:
15	1 stebstat area, 2. Healter Distribution, 3 rigin Bog Anea, 4.1 Hydrological regime, weater levels, 4.2 Hydrological regime flow patterns, 5. Transistional areas between high bog and adjacent mirrarial Soils (fluciding cutower seens), 6.1 Vegetation quality, central excippe, active flush, soaks, bog woodland, 6.2 Vegetation quality mirror topographical features, 6.3 Vegetation quality horn; cot pographical features, 6.3 All species flux p.2. Typical All Superies, Esnan, 8. Elements of All species flux p.2. Typical All Superies, Esnan, 6. Elements of Vegetation composition: native negative indicator species, 10.2 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: not-mater invalve species, 11. Air quality: nitrogen deposition, 12 Water quality	All/Other Relevant Threats and Pressures		MCO2 Adapt/manage exploitation of energy resources	Administrative	The production of a restoration plan for the site.	Ballynafath Bog SAC Restoration Plan	Department of Housing, Local Government and Heritage (DHLGH) National Parks and Wildlife Service (NPWS)	2017+	All government plans and policy documents are cognisent of these protections.
16	1 Habitat area, 2. Habitat Distribution, 3 rigin Bog Anea, 4.1 Highdroolgical regime, water levels, 4.2 Hydroolgical regime - flow patterns, 5. Transitional areas between high bog and adjacent mirreal 500s (including cutower sees), 6.1 Vegetation quality. rentral ecotype, active Hush, soaks, bog woodland, 6.2 Vegetation quality rivino topographical feature, 6.3 Vegetation quality rivino topographical feature, 6.3 Vegetation quality. Typical Alda Species: Fauna, 8. Elements of local distinctiveness, 5. Negative physical indicators, 10.1 Vegetation companion: native regime indicators, 10.1 Vegetation companion: native regime indicators poeces, 11. Are quality: nitrogen deposition, 12 Water quality.	All/Other Relevant Threats and Pressures		MAGS.Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Consent required for burning, topping, clearing scrub or rough vegetation or reseeding if not covered by other regulations.	Europeen Union Nebilate (Baltendage hos Sercial Area of Conservation 0003911 Regulations 2027	Department of Housing, Local Government and Heritage (DHLGH) National Parks and Wildlife Service (NPWS)	1997+	All government plans and policy documents are cognisent of these protections
17	1 stebstat area, 2. Hisbitat Distribution, 3. High Bog Area, 4.1 High/drosigiat regime - water levels, 4.2 Hydrosigiat regime - water levels, 4.2 Hydrosigiat regime flow pasterns, 5. Transistional areas between high bog and salgerent mirreal solis (brudding cutover seed), 6.1 Vegetation quality, river to topographiat fleature, 6.3 Vegetation quality river to topographiat fleature, 6.3 Vegetation quality river to topographiat fleature, 6.3 Vegetation quality river to topographiat fleature, 6.3 Project Alla Species (Ton. 2.7 Typical Alla Species Iron. 2. Temperator of local distinctiveness, 9. Negative physical indicators, 10.1 Vegetation composition, maker regime indicator species, 10.1 Are quality nitrogen deposition, 12 Water quality	All/Other Relevant Threats and Pressures		MAGS.Adapt moxing, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Controls burning of agricultural waste.	S. In 28 do 1009 Water Minagement. Perahibition of Water Disposal by Burning). Regulations 2009.	Department of the Environment, Climate and Communications following consultation with the Department of Agriculture, Food and the Marine.	2009+	Waste Management Act 1996
18	L stabistar area, 2. Habitar Distribution, 3. High Bog Area, 4.1 Hydrological regime, water levels, 4.2 Hydrological regime - flow patterns, 5. Transistional areas between high bog and adjacent mirraria 500; flouciding; cutove resal, 6.1 Vegetation quality, restrict topographic fleature, 6.3 Vegetation quality, brinc topographical feature, 6.3 Vegetation quality, brog moss (Sphagrum) species, 7.1 Pipical ABS species flora, 7.2 Tripical ABS species, 10.7. 2 Tripical ABS species flora, 7.2 Tripical ABS species of local distinctiveness, 5. Negative physical indicaton, 10.1 Vegetation composition: native regative indicator species, 10.2 Vegetation composition: native regative indicator species, 10.2 Vegetation composition: not vegetation vegetations.	All/Other Relevant Threats and Pressures		MADS Adapt moving, grazing and other equivalent agricultural activities (e.g., burning)	Statutory	Restricted destruction of vegetation on uncutivated land.	Widdle Act 1976 as amended	Department of Housing, Local Government and Hertage (DMLGH) National Parks and Wildlife Service (NPWS)	1976	Wildlife Act 1976
19	114bitat sera 2. Habitat Gistri Auton, 3. High Bug Area, 4.1 High Todogical regime - wheth revels, 4.2 Horthogical regime - wheth revels, 4.2 Horthogical regime flow patterns, 5. Transitional areas between high bog and salgerent mireral sold (nebuding cutors eres), 6.1 Vegetation quality river to prographic fleature, 6.3 Vegetation quality river to prographic fleature, 6.3 Vegetation quality him to prographic fleature, 6.3 Vegetation quality beg most (Sphagrum) species, 7.1 Vipical ABS species: Enan, 8. Elements of local distinctiveness, 9. Neggime physical indicators, 0.101 Vegetation comparison; nather regime indicators species, 10.1 Are quality nitrogen deposition, 12 Water quality			MBDI Prevent conversion of (semi-) natural habitats into forests and of (semi-) natural forests into intensive forest plantation	Statutory	Locations and land types of afforestation projects are limited e.g. Forestry constrained to solis with peak depth of 30cm or fess.	Licensing procedure via Forestry Regulations 2017 (5.1 bin 191 of 2017), in amended.	Department of Agriculture Food and Marine (DAFM)/Forestry Division	2017+	National Biodiversity Action Plan
20	1 Habitat area, J. Habitat Distribution, 3. High Bag Area, 4.1 High Group Signification, where levels, 4.2 Horthogical regime flow patterns, 5. Transistional areas between high bog and assignent mirrarial Soils (including cutower seed), 6.1 Vegetation quality, rentral exchipe, active flush, soaks, bog woodland, 6.2 Vegetation quality river to topographical features, 6.3 Vegetation quality river to topographical features, 6.3 All Species from 2.7 Typical All Species from 5. Tippical All Species from 2.7 Typical All Species from 5. Libraria of local distinctioners, 5. Negative physical indicators, 10.1 Vegetation composition non-native invalve species, 11. Air quality nitrogen deposition, 12 Water quality.	All/Other Relevant Threats and Pressures		MCO2 Adapt/manage exploitation of energy resources	Administrative	Control of activities, if not covered by other regulations, which could negatively impact on Bullynafligh Blog SAC.	Surreyean Union Heibits (Ballendrach für, Secret Area of Conservation 000391) Regulations 2032	Department of Housing, Local Covernment and Heritage (DMLGH/ National Parks and Wildlife Service (NPWS)	1997+	National Postland Strategy

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