Site Name: Flughany Bog SAC 000497

County: Sligo and Mayo

## **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 Flughany 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 Flughany Bog SAC						

2025 1

No.	Ecological Requirements	Pressure /Threat	Pressure/ Threat Ranking	EU Conservation Measure Type	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory	Implementation	Integration with high level plans/policy:
140.	(Attributes as per SSCO)	(EU Code 2025)	High	(EU Code 2019-2024)	Statutory		,	responsibility	timeframe 2001+	All government plans and policy documents are cognisant
1	Hydridogical regime - water levels, 4.2 Hydridogical regime- flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutower areas), 6.1 Wegetano quality, central ecotype, active flush, soals, bog woodland, 6.2 Vegetation quality mice to soppophrial returnes, 6.3 Vegetation quality bog moss long patterns of the control of the control of the control Agia species. Species, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: non-matter insulse species, 1.2 Were question.	PIO2 Drainage (mixed or unknown drivers)		MKGS Manage changes in hydrological and coastal yystems and regime for construction and development (incl. restoration of habitats).	,	Regulation controlling development including associated drainage	S.1.NO.600/2003. Plenning and Development. Regulations 2003, as amended.	Local Authority (Sligo and Mayo County Council)/An Bord Pleanála (ABP)		of these protections
2	1. Habitat area, 2. Habitat Distribution), 3. High Bog Area, 4.1 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - flow patterns, 5. Transilional areas between high bog and adjacent mineral solic floudding cutower areas, 6.1 Wegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Wegetation quality: micro trapographical features, 6.3 Wegetation quality: bog most hoppy-place in flouding companies of the property	PA22 Drainage for use as agricultural land	High	MA33 Meagag agroundural drainage and water abstraction (out, the restociation of drained or hydrologically aftered habitas).	Statutory	Consent required for new land drainage and irrigation works on land- used for agriculture.	S. L.No. 456/2011 (E. Uh. (Agriculture) Rep. 2011 . st. amended	Department of Agriculture Food and Marine (DAFM)	2011+	All government plans and policy documents are cognisant of these protections
3	Hydridogical regime - waster levies, 4.2 Hydridogical regime- flow patterns, 5. Transilional areas between high tog and adjacent mineral soils (including curiover and patterns of the patterns of the patterns of the patterns of soaks, bog woodland, 6.2 Vergatation quality; nicro topographical features, 6.3 Vergatation quality; nicro foliphagmung species, 7.2 Typical ABB species flow, 7.2 Typical ABB species flows, 8. Elements of local distinctiveness 9. Negative physical indicates, 10.3 Vergatation composition: native registers indicates process, 10.3 Vergatation composition: non-makine invasive species, 12.3 Verder quality	PLOZ Drainage (mixed or unknown drivers)	High	MERB Manage changes in hydrological and coastal systems and against for contraction and development (incl. restoration of habitats).	Statutory	Consent required for works on, or alterations to the banks, bid or flow of a drain watercourse or waterbody, if not covered by other regulations.	Curopean Union Habitats (Rughary Rog Special Area of Conservation 000497) Regulations 2018	Depatrment of Housing, LOCAI) Government and Heritage (DHLCOII) National Parks and Wildlife Service (NPWS)	1997+	All government plans and policy documents are cognisant of these protections
4	1. Habitat eres, 2. Habitat Distribution, 3. High Biog Ares, 4.1 Hydridogical regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mireral sold, for including customs displacent mireral sold, for including customs of the sold patterns, 5.2 Hydrological regimes and the sold patterns, 5.2 Hydrological regimes (5.2 Vegettation quality: nice no coppopable of Earthers, 6.3 Vegettation quality: nog most Sphagnam) species, 7.1 Hydrological ARB species: flora, 7.2 Typical ARB species: flora, 7.2 Typical ARB species: flora, 8.2 Elements of Josed districtionness 9.5 Negative hybrical indicators, 10.3 Vegetation composition: non-native invasive species, 12 Water quality	PIO2 Drainage (mixed or unknown drivers)	High	MR08 Manage changes in Inythrotological and coastal systems and egipter for controlled and development (incl. restoration of habitats).	Statutory	Consent required for damage works including digging, despening, with defining or blocking of actin, watercourse or waterbody) if not covered by other regulations.	Curropeen Unition Helblates (Flaghary Box Special Area of Conservation 000497) Regulations 2018	Department of Housing, Local Government and Heritage (DHLGH) National Parks and Wildlife Service (NPWS)	1997+	All government plans and policy documents are cognisant of these protections
5	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hybridogical regime—water levels, 4.2 Hybridogical regime—water levels, 4.2 Hybridogical regime—water levels, 6.2 Hybridogical regime and dipternt limited solid (produling carbon dipternt limited solid producing carbon dipternt limited solid producing carbon, 5.2 Hybridogical Residual Consolidad, 5.2 Hybridogical Residual R	PA22 Drainage for use as agricultural land	High	MA13 Manage agricultural drainage and water abstraction (red. the restoration of drained or hydrologically after of habitats)	Administrative	Monitoring and reporting of nelevant farm activity at the SAC Direct impactions for DAM Conditionality compliance or via other state Accelerate (via Cross Reporting) to integrated Centrols Christian In CAM.	DAPA BISS Conditionality Farm Inspections: NPWS Contention Raiser Ste monitoring, (Coss. Campliance)	Department of Agriculture Food and Marine (DAFM)	1997+	All government plans and policy documents are cognisant of these protections
6	1. Habitat sens, 2. Habitat Distributions, 3. High Bog Area, 4.1 Hydridogical regime - water levels, 4.2 Hydrogical regime - flow patterns, 5. Transitional rarea between high bog and adjacent mineral Soli (including carowr areas, 6.2 Hygetation quality: central ecotype, active flish, sooks, bog woodland, 6.2 Vergetation quality: micro topographical features, 6.3 Vergetation quality: micro (Solphaguma) species, 7.3 Typical ABB species: Toxa, 7.2 Typical ABB species: Toxa, 7.2 Typical ABB species: Toxa, 8. Elements of local distinctiveness 9. Negative physical indicates, 10.2 Vergetation composition: one-native missales species, 120 Vergetation composition: one-native missales species, 120 Vergetation composition:	PCOS Peat extraction	Medium	MRSS Manager changes in hydrological and casotal yeartern and regimes for construction and development (loci, restoration of habitats).	Administrative	The Peatland, and Martin Community Engagement Coherne recogning community, God against and other practice to become modeled in the enhancement of the SAC site and raise awareness	S.I.No. 456/2011 (C CIA (Agriculture) Rep. 2011 . ss. amended	Department of Housing, Local Government and Heritage (DHLGH)/ National Paris and Widelfe Service (NPWS)	2022+	National Baked Bog SAT Management Plan 2017-2022
7	1. Habitat see, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydridogical regime - water levels, 4.2 Hydridogical regime - Bow patterns, 5. Transitional areas between high bog and adjacent mireal solis (including cutows areas), 6.1 Wegetation quality: central ecotype, active flush, soaks, bog woodlands, 6.2 Vegetation quality: miros topographical features, 6.3 Vegetation quality: miros (hopkgamum) species. 7.3 Typical ARB species: floars, 6.2 Hydrad solid distinctiveness 5. Wegetation quality: bog more floars of the control of the contro	PCOS Peat extraction	Medium	MC01.Adapt/manage extraction of non-energy resources	Statutory	Convent required for all activities relating to furf cutting and/or peat extraction if not covered by other regulations.	of Conservation 0004977 Repulations 2018	Department of Housing, Local Covernment and Heritage (IDHGHI) National Parks and Widlife Service (NPWS)	2002+	All government plans and policy documents are cognisant of these protections
8	1. Habitat sex. 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydridogical regime - water levels, 4.2 Hydrogical regime - water levels, 4.2 Hydrogical regime - flow patterns, 5. Transitional areas between high bog and adjecent mineral solis (including custow areas, 6.1 Wegetation quality: central ecotype, active flush; costs, bog woodands, 6.2 Wegetation quality: bog most, bog woodands, 6.2 Wegetation quality: bog most stopographical features, 6.3 Wegetation quality: bog most stopographical features, 6.3 Wegetation graphical flush great flush and flush of the state of t	PCOS Peat extraction	Medium	MCOL Adapt/manage extraction of non-energy resources	Administrative	The Protected Bissed Bog Increases Programme (PRBINS) is a once of series based compensation and land purchase scheme but no applications were received.	Producted Raised Rog Restoration incentive Scheme.	Department of Housing, Local Government and Heritage (PALGH)/ National Paris and Vidifie Service (NPVIS)	2018+	National Peatland Strategy

2025

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:
9	1 Hobitat sex, 2 Hobitat Distribution, 3. High Bog Area, 4.1 High Gogical Fagine - water levels, 4.2 Hordrogical raigner water levels, 4.2 Hordrogical raigner Bow patterns, 5. Transitional areas between high bog and adjectent mireat 30 foll floulding cutower areas, 6.1 Wegetation quality: central ecotype, active flish, soaks, bog woodfand, 6.2 Wegetation quality: miror topographical features, 6.3 Wegetation quality: miror topographical features, 6.3 Wegetation quality: miror topographical features, 6.3 Wegetation quality: miror Morgania (1.2 Typical ARB appecies: flours, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Wegetation composition: one-native invasition of the second production of the control of the second production of the secon	2005 Pest extraction	Medium	MCDI Adapt/manage estraction of non-energy resources	Administrative	cessation of furf Cutting compensation Scheme (ETCS): In certificial the cashion of past centration shallow within raised bage SAC's nationwide and therefore EILMINATE drainage works linked to tart criting exhibit, within the size, (15 landowners availed of the scheme).	Turf Cutting Compensation Scheme.	Department of Hossies, Local Government and Herstrage (DHLGH) National Parks and Wildlife Service (NPWS)	2011+	National Peatland Strategy
10	Liebitat senz. 2. Habitat Gründucker. 3. High Bag Arm. 4.1 Hydrodiguid regime - weathr elevé. 4.2 Hydrodiguid regime - weathr elevé. 4.2 Hydrodiguid regime - weathr elevé. 4.2 Hydrodiguid regime - flow patterns. 5. Transitional areas between high bag and adjacent mineral solis (including cutower areas). 6.1 Wegetation quality: micro tisopographical features. 6.3 Vegetation quality: micro tisopographical features. 6.3 Vegetation quality: bog most bag of tisopographical features. 6.3 Vegetation quality: bog most bag of tisopographical features. 6.3 Vegetation composition: hegative physical indicators, 10.1 Vegetation composition: native megative floridators species. 10.2 Vegetation composition: non-native invasive species. 12 Water quality	PCOS Peat extraction	Medium	MCDI Adapt/manage estraction of non-energy resources	Administrative	The wollants Not purchase where was established to ficilize the purchase of the good heavy right - 41 days completed under the voluntary longs - 41 days completed under the Voluntary Bog Purchase Scheme. This represents: 1.156 acres of Turbary and 16.13 acres of freshold purchased.	Voluntary Bog Purchase Scheme	Department of Housing, Local Government and Heritage (DHLGH)/ National Paris and Widelfs Service (NPWS)	2011+	National Peatland Strategy
11	1 Hobitas rano, 3 Habitas Christolosius, 3 High Beg Arm, 4.1 Highdologial regime - water levels, 4.2 Hydrologial regime - water levels, 4.2 Hydrologial regime - flow patterns, 5. Transitional areas between high bog and adjocent mirreal solis (Including cutower areas), 6.1 Wegetation quality-micro areas, 6.2 Wegetation quality-micro areas, 6.2 Wegetation quality-micro (Sphagumui) species, 7.3 Hypical ABB species: Stone, 7.2 Typical ABB species: Stone, 8.2 Elements of Joseph districtions on the species of Stone S	All/Other Relevant Threats and Pressures.		MIOI Implement climate change miligation measures	Administrative	Aroundrup of actions to assist in the achievement of climate change objectives by no later than the end of the year 2050	Izelands Climate Action Plan 2024	All Government Departments	2024+	All government policies are cognisant of this plan.
12	1. Hobitat area, 2. Hobitat Distribution, 3. High Bod Area, 4.1 Hydrodogical regime—water levels, 4.2 Hydrodogical regime—flow patterns, 5. Transitional areas between high bog and adjoient mirreal solis (including cutows areas), 6.1 Wegetation quality, central ecopys, active flush, topographical features, 6.3 Vegetation quality bog moss (Sphagurum) species, 7.1 Typical ARB species: flora, 7.2 Typical ARB speci	Pressures.		M80.1 Prevent conversion of (semi-) natural habitats into forests and of (femi-) natural forests into intensive forest plantation.	Statutory	locations and land types of afforestation projects are limited eg. Fovestry constrained to sols with peat depth of 30cm or less.	Userning procedure via Forestry Regulations 2017 ESL. No. 191 of 2017), as amended.	Department of Agriculture Food and Marine (DAFM)/Forestry Division	2017+	National Biodiversity Action Plan
13	1. Habitat sera, 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 adjectes mineral soil (including cutoms of the control of the	Pressures.		MIGIO Restoring fershwater, wetlands and coastal hosbitats impacted by multi-purpose hydrological modifications.	Administrative	Public relations and information dissemination by authorised offices to stakeholders.	NRWS Conservation Regger network and Regional Management against de Justine Library and Regional Management against de Justine and Natural Habitats Ress, 2011, as; amended.	Depatrient of Housing, Local Government and Heritage (DHLGH)! National Parks and Wildlife Service (NPWS)	1997+	Climate Action and Low Carbon Development (Amendment) Act 2021
14	1 Hobitat sew 2, 1 Hobitat (Distribution), 3 High Beg Area, 4.1 Hydrodisgical regime - water levels, 4.2 Hydrodisgical regime - flow patterns, 5. Transitional areas between high bog and adjacent mirreal solid (Including cutower areas), 6.1 Wegetation quality: mirror areas, 10.2 Wegetation quality: bog mosts, bog woodfanel, 6.2 Wegetation quality: bog most shopping for the property of the propert	Pressures		MC02 Adapt/manage exploitation of energy resources	Administrative	The production of a restoration plan at this ate.	Dughany Bog SAC Restoration Plan	Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Widdle Service (NPYS)	2017+	All government plans and policy documents are cognized these protections
15	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 adjectent mineral sold (including cutows) adjectent mineral sold (including cutows), and the sold properties of th	M/Other Relevant Threats and Pressures		MBIO1 Prevent conversion of (semi-) natural habitats into forests and of (cfmi-) natural forests into intensive forest plantation	Statutory	Planting of trees or multi-annual bioenergy crops if not covered by the Forestry regulations.	European Union Habitatis (Tiluphany Box Special Area of Conservation 000497) Regulations 2018	Department of Housing, Local Government and Heritage (DHLGH)! National Parks and Wildlife Service (NPWS)	1997+	National Peatland Strategy

2025 Page 3

Site Specific Conservation Objectives (SSCO): To restore the favourable conservation condition of Active raised bogs in Flughany Bog SAC 000497

No	Ecological Requirements	Pressure /Threat	Pressure/ Threat Ranking	EU Conservation Measure Type	Measure Category	Conservation Measure	Delivery mechanism	Public Authority with statutory	Implementation	Integration with high level plans/policy:
140.	(Attributes as per SSCO)	(EU Code 2025)		(EU Code 2019-2024)			,	responsibility	timeframe	
16	1. Holbitat sero, 2. Holbitat Distributions, 3. High Bog Area, 4.1 Hydrological regime—water levels, 4.2 Hydrological regime—flow patterns, 5. Transitional areas between high bog and adjoined mirrarial soft (including custows areas), 6.1 Weglestion quality, central ecopys, active flush, topological process, 6.3 Weglestion quality, bog most Sphagurom) species, 7.1 Pypical ARB species flows, 7.2 Typical ARB species flows, 7.2 Typical ARB species flows, 7.2 Typical ARB species flows, 8.0 Elements of Jocal distributioners on Negative Psylical indicators, 10.3 Vegetation composition mon-native invasive species, 11. Air 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 regestation or reseeding if not covered by other regulations.	Curpoean Union Habitats (Flaghery Box Special Area, of Conservation 000497) Regulations 2018	Department of Housing, Local Government and Nethrigae (DHI-GHI) National Parks and Wisilfe Service (NPWS)	1997+	All government plans and policy documents are cognised of these protections
17	L Hobitat sew, 2. Hobitat Datribution, 3. High Bog Arm., 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mirreal 5.00 (Including cutows areas), 6.1 Wegetation quality, central ecotype, active flush, supporting the control of the control	All/Other Relevant Threats and Pressures		MAGS.Adapt movine, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Controls burning of agricultural waste.	S.I. No. 286 of 2009 Waste Management (Prohibition of Waste Disposal by Burning) Regulations 2009	Department of the fundomenos, Climate and Communications following consultation with the Department of Agriculture, Food and the Marine.	2009+	Waste Management Act 1986
18	1. Habitat sera, 2. Habitat Distributions, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjoint mirreal sold (including cutows), 6.2 Hydrological regime - design of the properties o	All/Other Relevant Threats and Pressures		MAGS Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Restricted destruction of vegetation on unauthvated land.	Wildlife Act 1926 as amended	Department of Housing, Local Covernment and Hertage (PHI-GHI/) National Parks and Wildlife Service (NPWS)	1976	Widdle Act 1976
19	1. Holbitat area, 2. Habitat (birtholion), 3. High Bop Area, 4.1 Hydrological regime—water levels, 4.2 Hydrological regime—flow patterns, 5. Transitional areas between high bog and adjacent mirreal solid (including cutower sees), 6.1 Vegetation qualify: central ecotype, active flows, soaks, bog woodland, 6.2 Wegetation qualify bog moss (Sphagmun Jaccier, 2.1 Typical ARB species: Flows, 7.2 Typical ARB species: Flows, 9.2 Hygiathor qualify pacens; 5.0 Hygiathor capality pacens; 5.0 Hygiathor capality pacens; 5.0 Hygiathor capacition: native negative indicator species, 10.2 Vegetation composition: notinetwie massive species, 11. Air quality: nitrogen deposition 12 Water quality  Water quality	AUCUITIE Relevant Threats and Pressures.		Mc02 Adapt/manage exploitation of energy resources	Statutory	Control of activities, if not covered by other regulations, which could regatively impact on Flughany Bog SAC.	Curocean Union Habitats (Flasharz Box Seccial Area, of Conservation 900497) Resulations 2018	Department of Housing, Local Government and Heritage (Pill-Gilly), National Parks and Wildlife Service (NPWS)	1997+	All government policies are cognisant of these Regulations.