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

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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	Attribute as ser \$500) 1. Initial trans. 2, 1 High Bag Arm. 4.1 1. Initial trans. 2, 1 High Bag Arm. 4.1 1. Initial trans. 2, 1 High Bag Arm. 4.1 1. Initial trans. 2, 1 High Bag Arm. 4.1 1. Initial trans. 3, 1 High Bag Arm. 4.1 1. Initial trans. 3, 1 High Bag Arm. 4.1 1. Initial trans. 4, 1 High Bag Arm. 4, 1 High Bag Arm. 4, 1 High Bag Arm. 4, 2	(EU Code 2025) PUDO Drainage (mixed or unknown drivers)	High	[80 Cede 2019-2023] WROS Manage changes in hydrological and coastal WROS Manage changes in hydrological and development (incl. restoration of habitata).	Statutory	Regulation controlling development including associated drainage	S.I. NO. 600/2001 - Planning and Development Depulations 2001, as amended.	responsibility Local Authority (Rigo and Mayo County Council)/An Bord Pleansis (ABP)	timeframe 2001+	All government plans and policy documents are cognisant of these protections
2		PA22 Drainage for use as agricultural land	High	MA13 Manage agricultural disinage and water abstraction (incl. the restoration of drawned or hydrologically aftered waters).	Statutory	Consent required for new land drainage and arrigation works on land- uned for agriculture.	h 5.1No. 456/2011 EC EIA (Agrindhurel Resp. 2011, as amended	Department of Agriculture Food and Marine (DAFM)	2011+	All government plans and policy documents are cognisant of these protections
3	I. Habitat area, 2. Habitat Distribution 3. High Beg 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 adjacent mineral soils (including cutower areas), 6.1 hygetation quality, micro cooks, bog woodlands, 6.2 hygetation quality, bog mososh, bog woodlands, 6.2 hygetation quality, bog mososh, bog woodlands, 2.2 hypotal And speech long, 2.2 hypical disperse; long, 7.2 hypical dispe	PLOZ Orainage (mixed or unknown divers)	High	WYSB Mauga changes in hydrological and coastal systems and egimes for constant control of the constant systems and egimes for constant control of habitati-).	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.	European Union Habitats (Rapharw Roc Special Area of Conservation 000497) Regulations 2018	Department of Housing, Local Government and Heritage (DNEGIV) National Parks and Wildlife Service (NPWS)	1997+	All government plans and policy documents are cognisant of these protections
4	1. Habitat zwa, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrocigical regime - water levels, 4.2 Hydrocigical regime - More patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cutow areas), 6.1 Vegetation quality, central ecotype, active flistly, sooils, tog woodande, 6.2 Vegetation quality, micro topographical features, 6.3 Vegetation consposition: native negative findicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: non-readive invasive species, 1.2 Water quality	PLO2 Drainage (mixed or unknown drivers)	High	WIRD Mahage changes in hydrological and coastal systems and engines for construction and development (incl. estoration of habitatio).	Statutory	Concert required for drivings works including digging, despening, widering or blocking of drivin, watercourse or waterbody) if not covered by other regulations.	European Union Habitats (Flaghaws Box, Special Area of Conservation 000497) Regulations 2018	Department of Housing, Local Government and Herstage (MI-GIV) National Parks and Wildlife Service (NPWS)	1997+	All government plans and policy documents are cognisant of these protections
5	Hydriological regime - water levels, 4.2 Hydriological regime- flow patterns, 5.1 ramitional areas between high bog and adjusers mineral soils (including cutower areas), 6.3 Vigation quality- central ecopyer, active flush, soals, tog woodland, 6.2 Vigatiation quality, micro topographical festures, 6.3 Vegetation quality, bog mos (polargouni) species, 2.1 Typical Add species. Tiors, 2.2 Typical Negative physical indicators, 10.1 Vigation composition: native negative indicators patterns, 10.2 Vigatiation composition: non-native invasive species, 12 Water quality	PA22 Drainage for use as agricultural land	High	MA13 Menage agricultural distinage and water abstraction (incl. the restoration of drained or hydrologically altered habitats)	Administrative	Sonitioning and reporting of relevant form activity at the SAC Exect imperations for Dath Conditionality compliance or sha other state Authorities (via Cross Reporting) to integrated Controls Division in OATM.	Consensation Stager Site monitoring, (Cross. Compliance)	Department of Agriculture Food and Marine (DAFA)	1997+	All government plans and policy documents are cognisant of these protections
6	Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5.7 aranitional seas between high bog and adjuent mineral soils (including cutover areas), 6.3 Vegatation quality, central ecopyes, active flush, soals, bog woodland, 6.2 Vegatation quality, micro topographical fastures, 6.3 Vegetation quality bog mos soils (polyagouni species, 7.1 Typical ARS species: Tions, 7.2 Typical ARS species: Fastura, 8.2 Eventred in Card districtiveness 9.3 Megative physical indicators, 10.3 Vegatation composition: station regime decidants praces, 10.2 Typication composition: non-native limitative species, 12 Water quality	PCOS Peat extraction	Medium	MXIOB Manage changes in hydrological and coastal yoptems and regime for construction and development (incl. restoration of habitats).	Administrative	The Pestateds and Natura Community Engagement Scheme encourage community, local organization, cold organization and other parties to become involved in the enhancement of the SAC site and raise awareness.	S.1No. 356/2011 EC BM (Agrouthure) Regs. 2011, as amended	Department of Housing, Local Government and Herriage (DHLGH) National Parks and Wildlife Service (NPWS)	2022+	National Rated Bog SAC Management Plan 2017 2022
7	I. Habitat area, 2. Habitat Distributions, 3. High Bod price, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral costs (including cutows). The properties of	PCOS Peat extraction	Medium	MCDI. Adapt/manage extraction of non-energy resources	Statutory	Convent required for all activities relating to furfacting and/or peat extraction if not covered by other regulations.	European Union Habitats (Raphaw Box Secsial Area of Conservation 000497) Regulations 2018	Department of Housing, Local Government and Heritage (DHLGH) National Parks and Wikilife Service (NPWS)	2002+	All government plans and policy documents are cognisant of these protections

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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:
		(EU Code 2025) PC05 Peat extraction	Medium	(EU Code 2019-2024) MC01 Adapt/manage extraction of non-energy	Administrative	The Protected Raised Bog Incentive Programme (PRBRIS) is a once off	Destruted Baised Ban Bostosstian Insenting Schome	responsibility Department of Housing, Local	timeframe 2018+	National Peatland Strategy
	Indiad Lette, Translat reholded 1, Fingli edg. et al. 4, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	T-LO FON TAINGUIN	wedulii	moto-computing extraction or november y	Administrative	inter rotectus mates age inclusives regularity pressure y a source in and based companish and hard purchase scheme but no applications were received.	DOLLARS SEED BY STANDARD HARMAN AUMINE	Government and Mertlage (DMGH)/ National Parks of Wolfelf Service (NPWS)	20134	DALACHI TEANIO ALANON
9	Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrodogical regime - water levels, 4.2 Hydrodogical regime - water levels, 4.2 Hydrodogical regime - water levels, 4.2 Hydrodogical regime - water levels, 4.3 Hydrodogical regime - water levels by the disperse mineral cols flordoding colored vareal, 6.1 Vegetation (paulity: micro topopraphical features, 6.3 Vegetation quality: microdogical regiments of the disperse of the di	PCOS Peat extraction	Medium	MCDI Adapt/manage estraction of non-energy resources	Administrative	Cessation of Turf Cutting compensation Scheme (CTCCS) to incentivise the resultand of part entraction activity within mance log to the compensation of the compensation of the compensation of the scheme).	Turf Cutting Compensation Scheme	Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Widelfie Service (NPWS)	2011+	National Postland Strategy
10	1. Habita tews, 2. Habitat Dirubsions, 3. High Bag 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 adjacent mineral solt (including cutower areas), 6.1 Vegetation (paulity, circum) acosts, bog woodband, 6.2 Vegetation quality, bog most bopographical features, 6.3 Vegetation composition: a vegetation of the control of the cont	PCOS Peat extraction	Medium	MCDI. Adapt/manage extraction of non-energy resources	Administrative	The wolumby log purchase scheme are schalbined to facilitate the purchase of the guide havy right - a slave completed under the voluntary Bog Purchase Scheme. This represents: 1.156 acres of Turbary and 16.13 acres of freshold purchased.	Yoluntary Bog Purchase Scheme.	Department of Housing, Local Government and Heritage (DHLGH) National Paris and Widelfs Service (NPVS)	2011+	National Postland Strategy
11	1. Habitat sews, 3. Habitat Direktolosis, 3. High Bag Aren, 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 adjacent mineral soils (Including cutows areas), 6.1 vegetation quality micro areas, 6.2 vegetation quality micro costs, bog woodland, 6.2 Vegetation quality micro costs, bog woodland, 6.2 Vegetation quality micro costs, bog woodland, 6.2 Vegetation (All September 1997), 2.7 hydrological properties of proper	All/Other Relevant Threats and Pressures		MIGI Implement climate change miligation measures	Administrative	A roading of actions to assist in the achievement of climate change objectives by no later than the end of the year 2000	Izelanda Climate Action Plan 2024	All Government Departments	2024+	All government policies are cognisant of this plan.
	Hydriological regime - water levies, 4.2 Hydriological regime- flow patterns, 5. Transitional roses between high bog and adjacent mineral soils (Including cutower ressel), 6.1 Wegetain quality, central ecopye, active flush, soaks, bog woodland, 6.2 Wegetation quality, micro sooggapathed laterus, 5.3 Vegetation quality, bog 70 Typical policy of the properties of the properties of the properties of the Regime Properties of the Conference of the Conference of the Regime Privile and Indication, 10.1 Wegetation composition: on-astre invasive percies, 11.3 Air quality, nitrogen deposition 12 Water quality	All/Other Belevant Threats and Pressures		MIGID Prevent conversion of (semi-) natural habitats into forests and of (cfemi-) natural forests into intensive forest plantation	Statutory	Locations and land types of alforestation projects are limited e.g. Forestry constrained to soils with peat depth of 30cm or less.	Licensing procedure via Forestry Regulations 2017 EL. No. 191 of 2017), as amended.	Department of Agriculture Food and Marine (DAFM)/Forestry Division	2017+	Mational Biodiversity Action: Flan
13	1. Habitat eve. 2. Habitat Distribution, 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 adjacent mineral sols (Including cutows areas), 6.1 Vegetation quality: central ecotype, active flush, tooks, bog woodland, 6.2 Vegetation quality: micro topopraphical features, 6.3 Vegetation quality: micro topopraphical features, 6.3 Vegetation quality: bog most popular and properties of found distinctiveness 5. All geness: faura, 8. Elements of local distinctiveness 5. active register indicators species, 10.2 Vegetation composition con-native invasive species, 11. Air quality: nitrogen deposition 12 Water quality	All/Other Relevant Threats and Pressures		MIGI3 Rectoring freshwater, vertainds and coastal hambilities impacted by multi-purpose hydrological modifications.	Administrative	Rablic relations and information dissemination by authorised officers to stakeholders.	NEWS Conservation Bargers network and Responal Management approved as Authorised Officers under CE Birds and Natural Habitats Reps. 2013. as. amended.	Department of Housing, Local Government and Hentage (DHLGH) National Parks and Wildlife Service (NPWS)	1997+	Classite Action and Low Carbon Development. [Amendment] Act 2023
14	1. Habitat eve. 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 scotters areas), 6.1 Vegetation quality, central ecopye, active flush, propagation for the control of the control of the propagation of the control of the control of the propagation of the control of the control of the propagation of the control of the cont	All/Other Belevant Threats and Pressures		MC02 Adapt/Imanage exploitation of energy resources	Administrative	The production of a restoration plan at this site.	Churchany Box SAC Restoration Plan.	Department of Housing, Local Government and Retriage (DH.GH) National Parks and Widdlife Service (NPWS)	2017+	All government plans and policy documents are coordinated of these protections

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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:
15	(Astributes as per SSCO) 1. High lang A. Libbata relativishishin (3. High lang Area, 4.1 High dong Area,	(BU Code 2025) All/Other Relevant Threats and Pressures.		(<u>8U Code 2019-2028</u>) MBOJ Prevent conversion of (semi-) natural habitats into forests and of (semi-) natural forests into intensive forest glantation	Statutory	Planting of trees or multi-annual bioenergy crops if not covered by the forestry regulations.	of Conservation 0004977 Engulations 2018	responsibility Department of Housing, Local Government and Heritage (DHLCH) National Paris and Widdle Service (NPWS)	timeframe 1997+	National Postland Strategy
16	1. shibitat 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 mirreal sold (including cutowr), and a subject mirreal sold (including cutowr), and the sold of the	All/Other Relevant Threats and Pressures		MA05 Adapt moving, 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.	Eurogean Union Habitat (Taghan; Ipo (geed) Area of Conservation 000497) Regulations 2018	Department of Housing, Local Government and Hertage (DHLGH) National Parks and Wildlife Service (NPWS)	1997+	All government plans and policy documents are cognisent of these protections
17		All/Other Relevant Threats and Pressures		MAGS.Adapt mowing, grazing and other equivalent agricultural activities (e.g., burning)	Statutory	Controls burning of agricultural weste.	S. I. So. 286 of 2020 Waste Management Prohibition of Waste 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
	Hydrological regime - water levels, 4.2 Hydrological regime- flow patterns, 5. Transitional areas between high bog and adjacent mineral solis (including cutiveer resns), 6.1 Vegetation quality central enotype, active flitush, resns), 6.1 Vegetation quality, central enotype, sich topop policular festures, 6.3 Hydration quality, bog moss (Selbagrums) specie, 7.1 Typical Alla species from, 7.2 Typical Alla species flows, 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: rashee negative indicators species, 10.2 Vegetation composition: roshe negative indicator species, 10.2 Vegetation composition: rosh central vegetation species, 11. Air quality, nitrogen deposition 22 Water quality	All/Other Relevant Threats and Pressures		MADS.Adapt moving, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Restricted destruction of vegetation on uncubivated land.	Wildlife Act 1976 as amended	Department of Mouning, Local Government and Heritage (DMI-GHI) National Parks and Wildlife Service (NPWS)	1976	Wildlife Act 1976
19		AU/Other Retevent Threats and Pressures.		MCQ2 Adapt/manage exploitation of energy resources	Statutory	Control of activities, if not covered by other regulations, which could negatively impact on Flighamy Bog SAC.	European Limino Habitatis (Tayahan) Roy (special Area) of Concernation 0008477 Regulations 2014	Department of Housing, Local Coverments and Petrage (DRI-GH) National Parks and Wildliffe Service (NPWS)	1997+	All government policies are cognisant of these Regulations.