Site Name: Barroughter Bog SAC 000231

County: Galway

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 cutover
- 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

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
Barroughter Bog SAC 000231.
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 Barroughter Bog SAC 000231.
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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 Höbblich anne, 2. Höbblich Christophico, 3. High Bog Area, 4.1 Hydrodogical regime—flow pattern, 5. Transistonal areas between high bog and adjocent mineral solid (including culowerse), 6.1 Vegetable quality central ectorype, active host, bog woodland, 6.2 quality bog most players, and pattern flowers of the pattern f	POLO Trainage (mixed or unknown drivers)	High	MR08 Manage change in hydrological and coastal ysytems and regions for construction and development (incl. restoration of habitats).	Statutory	Regulation controlling development including associated drainage.	5.1.90.5007/2011- Planning and Development. Resolutions 2001, as amended	Local Authority (Galway County Council)/An Bord Pleanals (ABP)	2001+	All government plans and policy documents are cognisared of these protections
2	1. Habitat area, Z. Habitat Distribution, 3. High Bog Area, 4.1 Hydrodiogial regime - water levels, 4.2 Hydrodiogial regime - flow patterns, 5. Transitional areas between high bog and adjacent mireral solis (flexiding; cutower area), 6.1 Vegetation quality: central exchype, active flush, soaks, bog woodland, 6.2 Vegetation quality microtropographical feature, 6.3 Vegetation quality point most [Springrum1] species, 7.1 Typical ARB species distributions, 9.0 Registration, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invesive species, 12 Water quality	PLOZ Drainage (mixed or unknown drivers)	High	MIGB Manage changes in hydrological and coastal yethers and regime for construction 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.	European Union Habitati (Barmuether Ros Secial Area of Conservation 000231) Regulations 2023	Department of Housing, Local Government and Retriage (DHCM)/ National Parks and Wildlife Service (NPWS)	1997+	All government plans and policy documents are cognisant of these protections
3	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrodiogical regime - water levels, 4.2 Hydrodiogical regime flow patterns, 5. Transitional areas between high bog and adjacent mineral solis (including cutower seas), 6.1 Vegetation quality - circumstopage plate laterus, 6.3 Vegetation quality incrincipographical feature, 6.3 Vegetation quality by Stophagrumi pacels, 7.1 Typical ARB species, 7.2 Water quality species, 7.2 W	PIOD Drainage (mixed or unknown drivers)	High	MIGB Manage changes in hydrological and coastal yethers and regime for construction and development (incl. restoration of habitats).	Statutory	Consent required for drainage works including diagring, despening, with defining or blocking and action, watercourse or waterbody) if nox covered by other regulations.	European Union Habitatis (Barroughter Ros Special Area of Conservation 000231) Regulations 2022.	Department of Housing, Local Government and Herriage (DHEAT) National Parks and Wildlife Service (NPWS)		All government plans and policy documents are cognisant of these protections
4	1. Habitat area, 2. Habitat Ostribution, 3. High Bog Acea, 4.1 Hydrodigolar legime - water levels, 4.2 Hydrodigolar legime - flow patterns, 5. Transitional areas between high bog and adjacent mireral solis (flexiding; cutore resa), 6.1 Vegetation quality: central exchype, active flush, soaks, bog woodband, 6.2 Vegetation quality incrincropographical feature, 6.3 Vegetation quality post most [Spitagrumi) species, 7.1 Typical ARB species distinctiveness 9. Boggets object and inches, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: nonnative invasive species, 12 Water quality	PA22 Drainage for use as agricultural land	High	MA13 Manage agricultural drainage and water abstraction (Inc. He restoration of drained or hydrologically altered habitats).	Statutory	Consent required for new land drainage and irrigation works on lands used for agriculture.	S.A.No. 456/2011 EC EM (Agriculture) Reps. 2011, as amended	Department of Agriculture Food and Marine (DAFM)	2011+	All government plans and policy documents are cognisant of these protections
5	1. Hobitat area, 2. Hobitat Ostribution, 3. High Bog Area, 4.1 Hydrodiogical regime—flow patterns, 5. Transistional areas between high bog and adjacent mirreal solis (floudiding cutowerse), 6.1 Vegetation quality central ecotype, active flush, toaks, bog woodland, 6.2 quality control ecotype, active flush, toaks, bog woodland, 6.2 quality bog nous Subjective flush, 2014, 17 (per Ale Reported Res, 7.2 Hydral ARB species: Runa, 8. Elements of local distinctiveness 9. Register bypical andiations, 10.1 Vegetation composition: native negative indicator species, 1.0 Vegetation composition: nonnative invasive species, 1.2 Water quality	PA22 Drainage for use as agricultural land	High	MA13 Manage agricultural distance and water abstraction (incl. the restoration of drained or hydrologically altered habitats)	Administrative	Monohoring and reporting of relovant form activity at the SAC. Direct imprecions for DAM conditionality compliance or via other state Authorities (via Cross Reporting) to Integrated Controls Division in DAM.	OAPM INSC Conditionality Farm Inspections - INPVS. Consensation Raigner Set monitoring. (Cross. Compliance)	Department of Agriculture food and Marine (DARM)	1997+	All government plans and policy documents are cognoant of these protections
6	1 Holbitz area, 2. Holbitz Christhulion, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high Bog and adjacent mireral solid, floudiding cutower seas, 6.1 Vegetation quality central ecotype, active hash, soaks, bog woodland, 6.2 and a solid properties of the so	PCOS Peat Extraction	Medium	MCGI Adapt/manage extraction of non-energy resources	Contractual/Administrative	The Cestion of The Cutting Compensation Scheme (CTCS) incontributes the cestion of peat extraction exhibit without readed by SACs. 23 plots cut within the SAC site. (101 participants in the CTCCS) and the CTCCS of	Turf Cutting Compensation Scheme.	Department of Housing, Local Government and Herbage (DHLGH)/ National Parks and Wildlife Service (NPWS)	2011+	Sational Postland Statesy
7	1 Holbitz area, 2. Heibitz Ostribution, 3. High Bog Area, 4.1 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - flow patterns, 5. Transitional areas between high bog and adjacent mireato side (including cutow result, 6.1 Vegetation quality microtropopypatiol features, 6.3 Vegetation quality microtropopypatiol features, 6.3 Vegetation quality post posicies, 7.1 Typical ARB species: Fam. 8. Elements of local distinctiveness 9. Negative physical indicators, 10.1 Vegetation composition: rather engative indicators species, 12 Vegetation composition: rather engative indicator species, 10.2 Vegetation composition: rather engative indicators species, 12.2 Vestation composition: rather engative indicators species and results are engative indicators species and results are engative indicators.	PCOS Peat Extraction	Medium	MCDI Adapt/manage extraction of non-energy resources	Contractual/Administrative	The Volumes Bog Furchase Scheme Schlätzes the state purchase of bogs landfurburshy pitts. To date 11.11 She ord Turburshy purchased and 64.67 Acres of Freehold purchased in 23 transactions.	Voluntary Bog Purchase Scheme.	Department of Housing, Local Government and Heritage (DHGCH) National Parks and Wildlife Service (NPWS)	2022+	National Raised Bog SAC Management Plan 2017-2022

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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	1. Habitat sens, 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 subjects mirreal sold (including cutower sens), 6.1 Vegetation qualify: central ecotype, active flush, soaks, bog woodland, 6.2 qualify: bog most Sphigmuni psycies, 7.3 Typical ARB species: Bona, 7.2 Typical ARB species: Bona, 8. Elements of local distributions, 10.1 Vegetation composition: native negative indicator species, 1.0 X Vegetation composition: normative invasive species, 1.1 Water quality	ROS Pear Estraction	Medium	MCDL Adapt/manage estraction of non-energy resources	Contractual/Administrative	The Protected Based log Restoron Incertise Sheme facilitates the restoration of Index within the SAC. 4 participants under this scheme within this SAC.	The Protected Raised Boy Restoration Incentive. Scheme	Department of Mouning, Local Government of Meuring (Department of Mouning), Local Government and Metritage (DMI-GMT) National Parks and Wildlife Service (NPWS)		Settional Pestland Stategy_
9	1. Heibits tews, 2. Heibits (Distribution, 3. High Big Ares, 4.1 Hydrologial regime - weath releval, 4.2 Hydrologial regime - weath releval, 4.2 Hydrologial regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral Soli (floxidating cuttow areas), 6.1 Wegetation quality- central ecotype, active flitaly-sosis, bog woodlands, 6.2 Vegetation quality- long moss (Schapumun) sepser, 3.7 Hygrical Alls species: floxor, 2.7 Hygrical Alls species: floxor, 2.6 Elements of local distinctiveness, 9. Begintee physical indicates, 10.2 Livegetation composition: commonative invasive species, 11. Air quality- introgen deposition, 12 Water quality -	P801 Conversion to forest from other land uses, or afforestation (excluding drainage)		MIOD. Prevent conversion of (semi-) natural habitats into forests and of (semi-) natural forests into intensive forest plantation (semi-) natural forests into intensive forest plantation.	Statutory	Locations and land types of afforestation projects are limited e.g. Forestly constrained to soils with peat depth of 30cm or less.	Lecening procedure via Forestry Regulations 2017 (S.I. No. 191 of 2017), as amended.	Department of Agriculture Food and Marine (DAFM)/Forestry Division	2017+	National Biodiversity Action Plan
10	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrodiogial regime - water levels, 4.2 Hydrodiogial regime - water levels, 4.2 Hydrodiogial regime - flow patterns, 5. Transitional areas between high bog and adjectent imieral soli (including cutower seas), 6.1 Vegetation qualify: recitorographical features, 6.3 Vegetation qualify: roles gross; 6.1 Hydrodiogial roles gross; 6.1 Hydrodiogial roles, 7.2 Typical ABB species: tausa, 8.1 Elements of local districtiveness 5. Registre physical indicators, 10.1 Vegetation composition, ranter registre indicator species, 10.2 Vegetation composition, rather registre indicator species, 10.2 Vegetation composition, rather registre indicator species, 10.2 Vegetation composition, rather registre indicator species, 10.2 Vegetation composition, roles and the registre indicator species, 10.2 Vegetation composition, roles and registre indicator species, 11 Vester qualify	P801 Convenion to forest from other land use, or afforestation (excluding drainage)		MBOL Prevent conversion of (semi-) natural habitats into forests and of (semi-) natural forests into intensive forest plantation (semi-) natural forests into intensive forest plantation	Statutory	Consent required for the planting of trees or multi-annual biomergy crops if not covered by Forestry Regulations.	Surceass Union Habitats (Barroughter Bos Special Area of Conservation 000231) Regulations 2023.	Department of Hossies, Local Government and Bertrage (DHCH)/ National Parks and Wildlife Service (NPWS)	2002+	National Pestland Strategy
11	1. Habitat sex. 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 solis (including cutower areas), 6.1 Wegetation quality: central ecotype, active flush, solis, bog woodlands, 6.2 Wegetation quality; bog most objects, 6.2 Wegetation quality; bog most objects, 6.2 Meyer and 6	PC05 Peat Estraction	Medium	MIGIS Manage changes in hydrological and coastal yestern safe regimes for construction and development (incl. restoration of habitats).	Contractual/Administrative	The heatised, and fisture Community Engagement Schme encourage communities, Cool organization and other parties to become involved in the enhancement of the SAC site and raise awareness.	Peetlands and Natura Community Engagement Scheme	Department of Hossies, Local Government and Bertrage (DHGH) National Parks and Wirdlife Service (NPWS)	2022+	National Raised Bog SAC Management Plan 2017-3022
12	1. Habitat sea, 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 solis (floxidading cutower areas), 6.1 Wegetation quality: central ecotype, active flinal, soaks, bog woodland, 6.2 Vegetation quality: hog moss (Schapmun) species, 7.3 Typical ABI species, floxon, 6.1 Hydrological position (Schapmun) species, 7.3 Typical ABI species, floxon, 6.1 Homoson, 6.1 Wegetation composition, or	All Threats and Pressures		MIOI Implement climate change miligation measures	Administrative	A codemage of actions to assist in the achievement of climate change objectives by no later than the end of the year 2050.	Irelands Climate Action Plan 2024	All Government Departments	2024+	All government policies are cognisant of this plan.
13	1. Habitat area, 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 mireat Josic (Including cuttow areas), 6.2 Hydrological regime - Mostab, bog woodlands, 6.2 Wegetation quality: mirrortographical features, 6.2 Hydrological pattle, 10.2 Hydrological Residence - No. 10.2 Wegetation composition: constate: invasive species, 11. Air quality: nitrogen deposition, 22 Water causily:	All Threats and Pressures		MIGI3 Retoring freshwater, wetlands and coastal buildats impacted by multi-purpose hydrological modifications.	Administrative	Public relations and information dissemination by authorized officers to stakeholders.	NPMS Conservation Banger network and Regional Management appointed as Authorised Officer under EC Birds and Natural Habitats Rop. 2011, as amended.	Department of Housing, Local Government and Hentinge (DHLGH)/ National Parks and Wildlife Service (NPWS)		Climate Action and Low Carbon Development. (Jamendment) Act 2021
14	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - water levels, 4.2 Hydrodigical regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral solis (including cutower areas), 6.2 Hydrodigical regime - solis, 1.0 Hydrodigical regime - solis, 1.0 Hydrodigical resident or patterns, 1.0 Hydrodigical resident or patterns, 1.0 Hydrodigical resident - 1.0	All Threats and Pressures		MBOL Prevent conversion of (semi-) natural habitats into forests and of (semi-) natural forests into intensive forest plantation (semi-) natural forests into intensive forest plantation	Statutory	Fairting of trees or multi-annual bioenergy crops if not covered by the Forestry regulations.	European Union I stalista (Barroughter Ros Special. Area of Conservation (000211) Regulations 2022.	Department of Hossies, Local Government and Bertrage (DHCH)/ National Parks and Wildlife Service (NPWS)	1997+	National Pestland Strategy.

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15	1. Hebitel area, 2. Hebitel Distribution, 3. High Bop, Area, 4.1 Hydrological regime - weater levels, 4.2 Hydrological regime - weater levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral solis (including cutower areas), 6.1 Vegetation quality, continuous, bog woodland, 6.2 Vegetation quality, 7.0 mp. online, 1.0 mp. online	All Threats and Pressures		MADS Adapt moving, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Cancent required for burning, topping, clearing scrob or rough vegetation or respecting if not covered by other regulations.	European Union Hählats (Barroughter Bes, Special Area of Conservation 000233) Repulations 2023	Department of Housing, Local Government and Heritage (DHGH)/ National Paris and Widdlie Service (NPWS)	1997+	All government plans and gollor documents are cognition of these protections
16	Nichitet area, 2. Habitat Distribution, 3. High Bing Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - gene water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high big and adjacent mineral soils (including outwoer areas), 6.1 Wegetation quality, certain accepts, active flush, emicrotogopathical features, 6.3 Vegetation quality, to be most Ochpanumy species. 7.2 Typical ABB species: floar, 8. Elements of local distinctiveness, 9. Negative physical indicators, 10.3 Vegetation composition: management for floar and composition compositions of the composition	All Threats and Pressures		MADS Adapt moving, graing and other equivalent agricultural activities (e.g. burning)	Statutory	Centrols burning of agricultural waste.	S.I. No. 28 of 2009 Waste Management (Prohibition of Wester Disposal by Burring) Regulations 2009	and Communications following consultation with the Department of Agriculture, Food and the Marine.	2009+	Waste Management Act 1996
17	1. Hobitat area, 2. Hobitat (Stributions), 3. High Bop Area, 4.1 Hydrological regime - weater levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral sols (including cutower areas), 6.1 Vegetation opality: central ecotype, active flush, tooks, bog woodlands, 6.2 Vegetation quality: microtopographical features, 6.3 Vegetation quality: bog moss [Oshquamy appears, 2.1]. Typical ARB species: floor, 2.7 Pipical ARB species: floor, 2.7 Pipical ARB species: floor, 3.6. Elements of local distinctiveness, 9. active floor, 3.2 Hydrological distinctiveness, 9. active floor, 9.2 Hydrological distinctiveness, 9. active floor, 9. active floor, 9. active floor, 9.2 Hydrological distinctiveness, 9. active floor, 9. active fl			MAGS Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Restricted destruction of vegetation on uncultivated land.	Wildlife Act 1976 as amended	Department of Housing, Local Government and Heritage (DNLGH)/ National Parks and Wildlife Service (NPWS)	1976	Wildlife Act 1976
18	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 cutower areas), 6.1 Vegetation quality: central ecotype, active flush, obsoxics, bog woodband, 6.2 Vegetation quality: bog moss (polymanys) septers, 2.3 Hygical Alla Species, from, 7.2 Typical Alla	All Threats and Pressures		MCO2 Adapt/manage exploitation of energy resources	Administrative	The publication of a Restoration Plan for this Site	Barroughter Bog SAC Restoration Plan	Department of Housing, Local Government and Heritage (DHLGH)/ National Paris and Wildlife Service (NPWS)	2017+	National Peatland Strategy
19	1. Hobitat area, 2. Hobitat (Stributions), 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 solis (including cutower areas), 6.1 Vegetation opality: central ecotype, active flush, tooks, bog woodland, 6.2 Vegetation quality: bog most Schapuman pessen; 2.1 A Typical ARea Species: floor, 2.7 Pypical Area Species: floor, 3.0 Hydrological Conference, 3.0 Hydrological Conf			MIGB Manage changes in hydrodopical and coastal yoptems and regimes for construction and development (incl. restoration of habitats).	Statutory	Control of activities, if not covered by other regulations which could negatively impact on Barroughter Bog SAC.	European Union Habitati (Burroughter Box Special Area of Conservation 0002331 Regulations 2022	Department of Housing, Local Government and Heritage (DHICH)/ National Parks and Wildlife Service (NPWS)	1997=	All government plans and policy documents are cognisant of these protections

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