Site Name: Carn Park Bog SAC 002336

County: Westmeath

## Site Specific Conservation Objective (SSCO) Ecological Attributes

## 7110 Active raised bogs\*

- 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 Carn Park
	Bog SAC 002336.

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2025

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:
1	(Aktivihere sa per SSCO)  Lishkata rara, Lishkata bitaribution, 3. ligh log Area, 4.1  Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high log and adjacent mineral sich (including cutiver areas), 6.1 Vegetation quality; central evolveps, eather hab, socies, bog woodland, 6.2  Vegetation quality; micrologogiaphiral features, 6.3 Vegetation quality; micrologogiaphiral features, 6.3 Vegetation distinctiveness. 9. Negative physical indicators, 10.0 Vegetation composition: rather engative indicator species, 10.2 Vegetation composition: rather patterns indicator species, 10.2 Vegetation composition: rather invasive species, 12 Water quality	(EU Code 2025) PUQ2 Drainage (mixed or unknown drivers)	High	(BU Code 2019-2028)  MRIOS Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats).	Statutory	Regulation controlling development including associated drainage.	S.I. NO. 600/2003 - Planning and Development Begulation 2003, as amended	responsibility Local authority (Westmeath County Council)/An Bord Pleanáis (ABP)	timeframe 2001+	All government plans and policy documents are cognisant of these protections
2	1. slabitat 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 agient mired sold (floudhing cutower sensi, 6.1 Vegetation adjectment mired sold (floudhing cutower sensi, 6.1 Vegetation quality, micrologoapphical features, 6.3 Vegetation quality, beg moss (Sehparum) species, 7.1 Yegical ARB species flows, 7.2 Typical ARB species flows, 7.2 Typical ARB species flows, 8.1 Elements of local distinctiveness 9. Highest physical indicators, 10.1 Vegetation composition: native register indicator species, 10.2 Vegetation composition: native register indicator species.	PA22 Drainage for use as agricultural land	High	MA33 Manage agrection of drained an of water abstraction (cut) the restoration of drained or hydrologically altered habitatis).	Statutory	Consent required for new land drainage and irrigation works on land used for agriculture.	s 5.1 No. 456/2011 EC EM (Agrondhursh Begs. 2011. ss. amended	Department of Agriculture Food and Marine (DAFM)	2011+	All government plans and policy documents are cognisant of these protections
3	1. Habitat area, 2. Habitat Distribution, 3. riigh Bog Area, 4.1 Hydrological regime—water levels, 4.2 Hydrological regime—flow patterns, 5. Transitional areas between high Bog and objected merea side, 1.0 Vegetation adjected merea side, 1.0 Vegetation quality micrologoag-pathal feature, 6.3 Vegetation quality bog moss (Sephaguma) people, 7.1 Yegical ARB species floray, 2.7 Hydraid ARB species floray, 2.7 Hydraid ARB species floray, 3.0 Hydraid Arbon distributions, 9.8 Negries physical indicators, 10.1 Vegetation composition: native register indicator species, 10.2 Vegetation composition: native register indicator species, 10.2 Vegetation composition: native register indicator species, 10.2 Vegetation composition: non-arbon ensures species.	PLO2 Drainage (mixed or unknown drivers)	High	MFRE Manage changes in hydrological and coastal hydrem and regimes for contexticition and development (incl. restoration of habitats).	Statutory	Consert required for works on, or alterations to the basis, sed or flow of a dain watercourse or waterbody, if not covered by other regulations.	Curropean Union Habitats (Carn Park Box Special Area of Conservation 002236) Regulations 2016	Department of Housing, Local Government and Heritage (DHLGH)/ National Parks, and Wildlife Service (NPWS)	2002+	All government plans and policy documents are cognizant of these protections
4	1. Habitat sera, 2. Habitat Distribution, 3. right Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high Bog and objection merical biol (including culows ress), 6.1 Vegetation quality, micrologoagabital features, 6.3 Vegetation quality, bog moss (Shapimun) septice, 7.1 Yiquid ARB species flows, 7.2 Typical ARB species flows, 7.2 Typical ARB species flows, 8.1 Elements of local distinctiveness 9. Stepsien physical indicators, 10.1 Vegetation composition; make register indicator species, 10.2 Vegetation composition; make register indicator species, 10.2 Vegetation composition; make register indicator species, 10.2 Vegetation composition; make memories species. 10.2 Vegetation composition on make memories species. 10.2 Vegetation composition of the make memories species. 10.2 Vegetation composition on make memories species. 10.2 Ve	PLO2 Drainage (mixed or unknown drivers)	High	MRTB Manage changes in hydrological and coastal systems and regimes for controllation and development (incl. restoration of habitats).	Statutory	Consert required for drainage works including digging, deepening, deficing or blocking at dollar, death, watercourse or waterbody) if not covered by other regulations.	European Union Habitats (Carn Park Box Special Area of Conservation 002336) Repulations 2016	Department of Housing, Local Government and Heritage (DHIGH)/ National Parks and Wildlife Service (NPWS)	2002+	All government plans and policy documents are cognisant of these protections
5	1. Habitat erra, 2. Habitat Distribution, 3. right Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral solid (including culorer sens), 6.1 Vegetation quality micrologographical feature, 6.3 Vegetation quality micrologographical feature, 6.3 Vegetation quality bog moss (Shapimun) species, 7.1 Yipical ARB species (Inca; 7.2 Typical ARB species (Inca; 7.3 Typical ARB	PA22 Drainage for use as agricultural land	High	MA13 Manage agricultural drainage and water substraction (Inc. Hierostraction of drained or hydrologically altered habitats)	Administrative	Monitoring and reporting of relevant farm activity at the SAC Direct inspections for Califor Conditionality compliance or via other state Authorities (via Cross Reporting) to Integrated Controls Division in OAPM.	DATM BISC Conditionality Emmi Impactions - NPWS: Conservation Raiger Site monitoring, ICross, Complianced	Department of Agriculture Food and Marine (DAFM)	1997+	All government plans and policy documents are cognizant of these protections
6	1. Habitat area, 2. Habitat Distribution, 3. riigh Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjectment more also for including cutower. Adjectment more also including cutower, soaks, log woodland, 6.2 Vegetation quality: micropographical seature, 6.2 Vegetation quality bog moss (Sphagmun) species, 7.1 Typical ARB species: fizor, 2.7 Typical ARB species: fizor, 8. Negative physical indicators, 10.1 Vegetation composition: native registive indicators, 10.2 years are species, 10.2 years are species. 10.2 years are species. 10.2 years are species. 10.2 years are species. 10.2 years years years are species. 10.2 years years	PCOS Peat Extraction	Low	MIROS Manage changes in hydrological and coastal yethern and regime for construction and development (incl. restoration of habitats).	Contractual/Administrative	The Pestalands and Natura Community Engagement Scheme courage communities, Lood organisations, and other parties to become involved in the enhancement of the SAC site and raise assistences.	Peatlands and Natura Community (pagement, Scheme (PNCS)	Department of Housing, Local Government and Heritage (DHIGH)/ National Parks and Wildlife Service (NPWS)	2022+	hastooral Prestland Strategy
7	1. Habitat sera, 2. Habitat Distribution, 3. righ Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high Bog and adjacent mirreal solid (including culores med), 1. Wegetation quality micrologogaphical features, 6.3 Wegetation quality micrologogaphical features, 6.3 Wegetation quality beg moss (Sehparum) species, 7.1 Yiquical Alla species floors, 7.2 Hydrical Alla species floors, 2.7 Hydrical Alla species floors, 3.0 September physical indicators, 10.1 Wegetation composition: native register indicator species, 10.2 Vegetation composition: native register indicator species, 10.2 Vegetation composition: native register indicator species, 10.2 Vegetation composition:	PCOS Peat Extraction	Low	MOI Adapt/manage extraction of non-energy resources	Contractual/Administrative	The Voluntury Reg Purchase Scheme Isolitates the state purchase of loop landfurbury rights, to date 25.312 Acres of Freehold purchased in 6 transactions		Department of Housing, Local Government and Heritage (DHIGH)/ National Parks and Wildlife Service (NPWS)	2022+	National Sained Stop SGC Management Plan 2017-2022.
8	Hydrological regime - water levels, 4.2 Hydrological regime- flow patterns, 5. Transitional areas between high Dog and adjacent mineral solis (including cutover areas), 6.1 Vegetation quality; central evolveps, eather flush, socials, bog woodland, 6.2 Vegetation quality; micrologographical features, 6.3 Vegetation quality Dog moss (Saphagurus) papeer, 9.7 Yapical ARB species flows, 2.7 Yepical ARB species fazar, 8. Elements of local language flow of the pattern of the companion of the companion of the momposition, rather engaglise milicator species, 10.2 Vegetation composition, rather engaglise milicator species, 10.2 Vegetation	PCOS Peat Extraction	Low	MCDI. Adapt/manage extraction of non-energy resources	Contractual/Administrative	The Cessation of Turf Cuting Compensation Scheme (ECCs) incertifives the centrol of past extraction activity within raised to SACs. There is no peat extraction on this SAC site. (72 participants if the CCCS)		Department of Housing, Local Government and Heritage (DHLGH)/ National Parks, and Wildlife Service (NPWS)	2011+	National President Stategy.
9	1. Habitat sera, 2. Habitat Distribution, 3. right Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high Bog and objection merical biol (including culows ress), 6.1 Vegetation quality, micrologoagabital features, 6.3 Vegetation quality, bog moss (Shapimun) septice, 7.1 Yiquid ARB species flows, 7.2 Typical ARB species flows, 7.2 Typical ARB species flows, 8.1 Elements of local distinctiveness 9. Stepsien physical indicators, 10.1 Vegetation composition; make register indicator species, 10.2 Vegetation composition; make register indicator species, 10.2 Vegetation composition; make register indicator species, 10.2 Vegetation composition; make memories species. 10.2 Vegetation composition on make memories species. 10.2 Vegetation composition of the make memories species. 10.2 Vegetation composition on make memories species. 10.2 Ve	PCOS Peat Extraction	Low	MCDI Adapt/Imanage extraction of non-energy resources	Contractual/Administrative	The Protected Raised Bog Restoration Incentive Scheme Rosilitates is restoration of lands within the SAC. Curelly there is no peat extraction within this SAC – 9 participants receiving payments under this scheme within this SAC.	e The Protected Raised Box Restoration Incentive, Scheme	Department of Housing, Local Government and Heritage (DHLGH) National Parks and Wildlife Service (NPWS)	2021	National Peatland Strategy

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:
10	1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 6.2 Hydrological regime- flow patterns, 5. Transitional areas between high Bog and adjacent merical biol, flouding cutower series, 6.1 Vegetation quality central ecotype, active flust, soals, bog woodhand, 6.2 Vegetation quality interologogaphical floatine, 6.2 Vegetation quality bog moss (Spilaguumi spaces, 7.1 Typical ARS species- tion of the spilaguant spilaguants, 10.1 Vegetation composition: nat-when invalve species, 11. Air quality: nitrogen deposition, 12 Water quality:	All/Other relevant Threats and Pressures		M001 Implement climate change mitigation measures	Administrative	A roadmay of actions to axist in the achievement of climate change objectives by no liter than the end of the year 2000		All Government Departments	2024+	All government policies are cognisant of this plan.
11	flow patterns, 5. Transitional areas between high bog and adjacent mirraria (bill (including cutower areas), 6.1 Vegetation quality r. central exchype, active flush, soaks, bog woodstand, 6.2 Vegetation quality incrinotroposyphical factories, 6.3 Vegetation quality bog moss (Schagzum) species, 7.1 Typical ARIS species: flow, 7.2 Typical ARIS species, farum, 6.1 Elements of local distinctiveness, 9. Register physical indicators, 10.1 Vegetation composition non-active invalves species, 11. Air quality: introgen deposition, 12 Water quality	Pressures.		MCD2 Adapt/manage exploitation of energy resources	Administrative	The publication of a Restoration Plan for this Site	Carn Park 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 cognisant of these protections
	flow pattern, S. Transitional areas between high bog and adjacent mirral solid, flouding cutower sens, 6.1 Vegetation quality central ecotype, active flush, soals, bog woodland, 6.2 Vegetation quality incircotyographical feature, 6.3 Vegetation quality hose gross (Schagrum) species, 7.1 Typical ARB species: floor, 7.2 Typical ARB species: fluor, 8.1 Elements of local distinctiveness, 9. Negative physical indistants, 10.1 Vegetation composition, ratio regulate indications, 10.2 Vegetation composition, ratios regulate indication species, 10.2 Vegetation participation of the composition of the pattern of the composition of the complete indication species, 10.2 Vegetation participation, 12 Vegetation, 12 Vester quality.	Pressures		MIBIO 2 Prevent conversion of (semi-) natural habitats into forests and of (semi-) natural forests into intensive forest plantation	Statutory	Planting of trees or multi-immual bloenergy crops if not covered by the Forestry regulations.	European Union Habitats (Cam Park Box Special Area of Conservation 002336) Regulations 2016	Department of Housing, Local Government and Heritage (DHLGH)/ National Parks, and Wildlife Service (NPWS)	2002+	National Pesiland Strategy
13	flow patterns, S. Transitional areas between high bog and adjacent mireral solis (flouding cutower sens), 6.1 Vegetation quality central ecotype, active flush, soals, bog woodshind, 6.2 Vegetation quality incircotyographical feature, 6.3 Vegetation quality hope moss (Spihagrum) species, 7.1 Typical ARB species: floor, 2.7 Typical ARB species: fauna, 8. Elements of local distinctiveness, 9. Negative physical indicators, 10.1 Vegetation composition: non-variety mireral position, 10.2 Vegetation composition: non-variety species, 11. Air quality: 1.2 Vestor quality:	Pressures		MAGS Adapt moving, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Consent required for burning, looping, clearing scrub or rough vegetation or reseeding if not covered by other regulations.	European Union Habitats (Cam Park Box, Secial Area of Conservation 002336) Regulations 2016	Department of Housing, Local Government and Heritage (DHLGH) National Parks and Wildlife Service (NPWS)	2002+	All government plans and policy documents are cognisant of these protections.
14	1 Höbitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 6.2 Hydrological regime- flow pattern, 5. Transitional areas between high bog and adjacent mireral soils (including cutower sens), 6.1 Vegetation quality central ecotype, active flush, soals, bog woodland, 6.2 Vegetation quality incrivotographical feature, 6.3 Vegetation quality host packed by the property of the property of soils of the property of the property of soils of the property of the property of soils of the property of property of the property of property of the property of property of the property of property of	All/Other relevant Threats and Pressures		MAGS Adapt moving, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Controls burning of agricultural weste.	S.I. No. 286 of 2009 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
15	1 sieblast area, 2. Habitat Distribution, 3. slight Bog Area, 4.1 Hydrological regime - water levels, 4.2 slytrological regime- flow pattern, 5. Transitional areas between high Bog and adjacent mireral Soils (including cutower sense), 6.1 Vegetation quality central ecotype, active flush, soals, bog woodfand, 6.2 Vegetation quality incircotypographical feature, 6.2 Vegetation quality hose prices (pattern), paceies, 7.1 Typical ARB species: floor, 7.2 Typical ARB species: fauna, 8. Exements of local distinctiveness, 5. Negative physical indicators, 10.1 Vegetation composition, rans-ranse involves species, 1.3 Air quality: microgen disposition, 2.1 Water quality.	All/Other relevant Threats and Pressures		MAGS Adapt moving, 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 (DHICHI)/ National Parks and Wildlife Service (NPWS)	1976	Wildlife Act 1976
16	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 mirraria Solin (including cutower sense), 6.1 Vegetation quality central ecotype, active flush, soals, bog woodland, 6.2 Vegetation quality micrologogyabilat fatterus, 6.3 Vegetation quality post post post post post post post post	All/Other relevant Threats and Pressures		MXO) Restoring freshwater, wellands and coastal habitats impacted by multi-purpose hydrological modifications.	Administrative	Public relations and information dissemination by authorised officers to stakeholders.	NPMS Conservation Ranger entwork and Regional Management appointed as Auditorised (Officer under E.E. Birds and Natural Habitats Reps. 2011, 2s. amended.	Department of Houring, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Service (NPWS)	1997+	National Peafland Strategy
17		All/Other Relevant Threats and Pressures.		MCO2 Adapt/manage exploitation of energy resources	Statutory	Control of activities, if not covered by other regulations, which could fregatively impact on Carn Park Bog SAC.	Euronean Liston Halbitats (Carn Park Bay Special Area, of Connervation 002336) Regulations 2016	Department of Housing, Local Government and Hertiage (DNLGH)/ National Parks and Wildlife Service (NPWS)	2002+	All government policies are cognisant of these Regulations.

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