

Site name: **Sonnagh Bog SAC 1913**
County: **Galway**

Site Specific Conservation Objective (SSCO) Ecological Attributes

[7130] Blanket bogs if active bog

- 1 Habitat Area
- 2 Habitat Distribution
- 3.1 Ecosystem function: soil nutrients
- 3.2 Ecosystem function: peat formation
- 3.3 Ecosystem function: hydrology
- 4 Community diversity
- 5.1 Vegetation composition: positive indicator species
- 5.2 Vegetation composition: lichens and bryophytes
- 5.3 Vegetation composition: negative indicator species
- 5.4 Vegetation composition: non-native species
- 5.5 Vegetation composition: native trees and shrubs
- 5.6 Vegetation composition: potential dominant species
- 6.1 Vegetation structure: signs of browsing
- 6.2 Vegetation structure: burning
- 6.3 Vegetation structure: *Spaghnum* condition
- 7.1 Physical structure: disturbed bare ground
- 7.2 Physical structure: drainage
- 7.3 Physical structure: erosion
- 8 Indicators of local distinctiveness

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, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species, 5.4. Vegetation composition: non-native species,5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Sphagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	PA07 Intensive grazing or overgrazing by livestock	Low	MA05 Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Consent is required for significant changes in livestock density (above 20% unless notice has been given that a lower percentage is applicable to a particular site) for introduction of grazing, changes in livestock type or grazing season, other than on established reseeded grassland if not covered by other regulations.	<u>European Union Habitats (Sonnagh Bog Special Area of Conservation 001913) Regulations 2019.</u>	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
2	1. Habitat Area, 2. Habitat Distribution, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species, 5.4. Vegetation composition: non-native species,5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Sphagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	PA07 Intensive grazing or overgrazing by livestock	Low	MA07 Restoration of Annex I agricultural habitats (incl. re-establish and improve)	Contractual	Over 95% of terrestrial habitat in Sonnagh Bog SAC is subject to conservation results based scoring of the habitat as part of the Agri-Climate Rural Environment Scheme – Co-operation Project (ACRES CP)	<u>Agri-Climate Rural Environment Scheme (ACRES) Scorecards</u>	Department of Agriculture, Food and Marine (DAFM)	2022+	<u>CAP Strategic Plan</u>
3	1. Habitat Area, 2. Habitat Distribution, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species, 5.4. Vegetation composition: non-native species,5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Sphagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	PA09 Burning for Agriculture	High	MA06 Stop mowing, grazing and other equivalent agricultural activities e.g. burning (incl. restore or improve habitats)	Contractual	Wild Fire Training for all staff at this site.	NPWS Conservation Measures Project	Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Service (NPWS)	2024	All government plans and policy documents are cognisant of these protections
4	1. Habitat Area, 2. Habitat Distribution, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species, 5.4. Vegetation composition: non-native species,5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Sphagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	PA09 Burning for Agriculture	Low	MA05 Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Consent is required for burning, topping or clearing scrub or rough vegetation or reseeded. (Consent is not required for these activities on established reseeded grassland or cultivated land provided it is greater than 20m from a river, stream or floodplain; or greater than 50m from a wetland, lake, turlough or pond) if not covered by other regulations.	<u>European Union Habitats (Sonnagh Bog Special Area of Conservation 001913) Regulations 2019.</u>	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, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species, 5.4. Vegetation composition: non-native species,5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Sphagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	PA09 Burning for Agriculture	Low	MA05 Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning)	Statutory	Controls burning of agricultural waste.	<u>Waste Management (Prohibition of Waste Disposal by Burning) Regulations 2009</u>	Department of the Environment, Climate and Communications following consultation with the Department of Agriculture, Food and the Marine.	2009+	All government plans and policy documents are cognisant of these protections
6	1. Habitat Area, 2. Habitat Distribution, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species, 5.4. Vegetation composition: non-native species,5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Sphagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	PA09 Burning for Agriculture	Low	MA06 Stop mowing, grazing and other equivalent agricultural activities e.g. burning (incl. restore or improve habitats)	Statutory	Section 40 of the Wildlife Act It shall be an offence for a person to cut, grub, burn or otherwise destroy during the period beginning on the 1st day of March and ending on the 31st day of August in any year, any vegetation growing on any land not then cultivated (b) It shall be an offence for a person to cut, grub, burn or otherwise destroy any vegetation growing in any hedge or ditch during the period mentioned.	<u>Wildlife Act 1976 as amended</u>	Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Service (NPWS)	1976+	All government plans and policy documents are cognisant of these protections
7	1. Habitat Area, 2. Habitat Distribution, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species, 5.4. Vegetation composition: non-native species,5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Sphagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	All/Other Relevant Threats and Pressures		MK14 Other measures related to agricultural practices	Administrative	Monitoring and reporting of relevant farm activity at the SAC. Direct inspections for DAFM Conditionality compliance or via other state Authorities (via Cross Reporting) to Integrated Controls Division in DAFM.	<u>DAFM BISS Conditionality Farm Inspections (Cross Compliance)</u>	Department of Agriculture, Food and the Marine (DAFM)	1997+	All government plans and policy documents are cognisant of these protections

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:
8	1. Habitat Area, 2. Habitat Distribution, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species, 5.4. Vegetation composition: non-native species, 5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Sphagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	PC05 Peat extraction	High	MC02 Adapt/manage exploitation of energy resources	Administrative	An evaluation of Turbary Impacts on this site using GIS-based Turf-cutting Impact Review and Management System 2024.	GIS- Turf cutting review	National Parks and Wildlife Service (NPWS)	2024	S.I. No. 477/2011 - European Communities (Birds and Natural Habitats) Regulations 2011
9	1. Habitat Area, 2. Habitat Distribution, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species, 5.4. Vegetation composition: non-native species, 5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Sphagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	PC05 Peat extraction	High	MC02 Adapt/manage exploitation of energy resources	Statutory	Consent is required for all activities relating to turf cutting and/or peat extraction if not covered by other regulations. [Consent is not required to continue domestic turf cutting from existing turf banks.]	European Union Habitats (Sonnagh Bog Special Area of Conservation 001913) Regulations 2019.	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
10	1. Habitat Area, 2. Habitat Distribution, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species, 5.4. Vegetation composition: non-native species, 5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Sphagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	PD01 Wind, wave and tidal power (including infrastructure)	Medium	MC03 Adapt/manage renewable energy installation, facilities and operation (excl. hydropower and abstraction activities)	Statutory	Regulation controlling development of infrastructure, including renewable energy infrastructure.	Planning and Development Act 2000, as amended	Local Authority/An Coimisin Pleanala	2001+	All government plans and policy documents are cognisant of these protections
11	1. Habitat Area, 2. Habitat Distribution, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species, 5.4. Vegetation composition: non-native species, 5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Spagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	PF07 Sports, Tourism, and Leisure Activities	Medium	MA Measures related to agricultural practices and agriculture-related habitats	Statutory	Consent is required for the use of All Terrain Vehicles (ATV) at this site, unless covered by other regulations.	European Communities (Control of Recreational Activities) Regulations 2010.	Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Service (NPWS)	2010+	All government plans and policy documents are cognisant of these protections
12	1. Habitat Area, 2. Habitat Distribution, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species, 5.4. Vegetation composition: non-native species, 5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Sphagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	PL02 Drainage (mixed or unknown drivers)	Medium	MA13 Manage agricultural drainage and water abstraction (incl. the restoration of drained or hydrologically altered habitats).	Statutory	Consent is 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 (Sonnagh Bog Special Area of Conservation 001913) Regulations 2019.	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
13	1. Habitat Area, 2. Habitat Distribution, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species, 5.4. Vegetation composition: non-native species, 5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Sphagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	PL02 Drainage (mixed or unknown drivers)	Medium	MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats).	Statutory	Consent is required for drainage works including digging, deepening, widening or blocking a drain, watercourse or waterbody) if not covered by other regulations.	European Union Habitats (Sonnagh Bog Special Area of Conservation 001913) Regulations 2019.	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
14	1. Habitat Area, 2. Habitat Distribution, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species, 5.4. Vegetation composition: non-native species, 5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Sphagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	PL02 Drainage (mixed or unknown drivers)	Medium	MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats).	Contractual	0.69km of Shallow bunds to be constructed as per Provisional Restoration Plan.	Blanket Bog Provisional Restoration Requirement for Sonnagh Bog SAC	Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Service (NPWS)	2026+	All government plans and policy documents are cognisant of these protections

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. Habitat Area, 2. Habitat Distribution, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species, 5.4. Vegetation composition: non-native species,5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Sphagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	PL02 Drainage (mixed or unknown drivers)	Medium	MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats).	Contractual	18.15km of drains will be blocked as per Provisional Restoration Plan.	Blanket Bog Provisional Restoration Requirement for Sonnagh Bog SAC	Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Service (NPWS)	2026+	All government plans and policy documents are cognisant of these protections
16	1. Habitat Area, 2. Habitat Distribution, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species, 5.4. Vegetation composition: non-native species,5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Sphagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	All/Other Relevant Threats and Pressures		MA Measures related to agricultural practices and agriculture-related habitats	Contractual	98 Timber Dams and 2,741 Dams to be built as per Provisional Restoration Plan.	Blanket Bog Provisional Restoration Requirement for Sonnagh Bog SAC	Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Service (NPWS)	2026+	All government plans and policy documents are cognisant of these protections
17	1. Habitat Area, 2. Habitat Distribution, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species, 5.4. Vegetation composition: non-native species,5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Sphagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	All/Other Relevant Threats and Pressures		MA Measures related to agricultural practices and agriculture-related habitats	Contractual	87% uptake of eligible participants (62) in the voluntary Agri-Climate Rural Environment Scheme (ACRES).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and Marine (DAFM)	2022+	CAP Strategic Plan
18	1. Habitat Area, 2. Habitat Distribution, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species, 5.4. Vegetation composition: non-native species,5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Sphagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	All/Other Relevant Threats and Pressures		MA Measures related to agricultural practices and agriculture-related habitats	Contractual	Production of an accredited Farm Sustainability Plan by 100% of participants in the Agri-Climate Rural Environmental Scheme (ACRES).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and Marine (DAFM)	2024+	CAP Strategic Plan
19	1. Habitat Area, 2. Habitat Distribution, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species, 5.4. Vegetation composition: non-native species,5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Sphagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	All/Other Relevant Threats and Pressures		MA Measures related to agricultural practices and agriculture-related habitats	Contractual	Landscape Actions to target environmental issues highlighted in the scorecards for results-based payments in Agri-Climate Rural Environment Scheme – Co-operation Project (ACRES CP).	Agri-Climate Rural Environment Scheme (ACRES) - Landscape Actions	Department of Agriculture, Food and Marine (DAFM)	2026+	CAP Strategic Plan
20	1. Habitat Area, 2. Habitat Distribution, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species, 5.4. Vegetation composition: non-native species,5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Sphagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	All/Other Relevant Threats and Pressures		MB01 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 soils with peat depth of 30cm or less.	Licensing procedure via Forestry Regulations 2017 (S.I. No. 191 of 2017), as amended.	Department of Agriculture, Food and Marine (DAFM)/Forestry Division	2017+	All government plans and policy documents are cognisant of these protections
21	1. Habitat Area, 2. Habitat Distribution, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species, 5.4. Vegetation composition: non-native species,5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Sphagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	All/Other Relevant Threats and Pressures		MB01 Prevent conversion of (semi-) natural habitats into forests and of (semi-) natural forests into intensive forest plantation	Statutory	Consent is required for the planting of trees or multi-annual bioenergy crops if not covered by the Forestry regulations.	European Union Habitats (Sonnagh Bog Special Area of Conservation 001913) Regulations 2019.	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

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:
22	1. Habitat Area, 2. Habitat Distribution, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species, 5.4. Vegetation composition: non-native species,5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Sphagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	All/Other Relevant Threats and Pressures		MI05 Management of problematic native species	Administrative	Report into Developing a Sustainable Deer Management Strategy for Ireland	Irish Deer Management Strategy Group	Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Service (NPWS)/ Minister for Agriculture, Food and the Marine	2023+	National Peatland Strategy
23	1. Habitat Area, 2. Habitat Distribution, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species, 5.4. Vegetation composition: non-native species,5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Sphagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	All/Other Relevant Threats and Pressures		MJ01 Implement climate change mitigation measures, MJ02 Implement climate change adaptation 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	Irelands Climate Action Plan 2024	All Government Departments	2024+	All government plans and policy documents are cognisant of these protections
24	1. Habitat Area, 2. Habitat Distribution, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species, 5.4. Vegetation composition: non-native species,5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Sphagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	All/Other Relevant Threats and Pressures		MK03 Restoring freshwater, wetlands and coastal habitats impacted by multi-purpose hydrological modifications.	Administrative	Public relations and information dissemination by authorised officers to stakeholders.	NPWS Conservation Ranger network and Regional Management appointed as Authorised Officers under EC Birds and Natural Habitats Regs. 2011, as amended.	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
25	1. Habitat Area, 2. Habitat Distribution, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species, 5.4. Vegetation composition: non-native species,5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Sphagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	All/Other Relevant Threats and Pressures		MA05 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 (DHLGH)/ National Parks and Wildlife Service (NPWS)	1976	All government plans and policy documents are cognisant of these protections
26	1. Habitat Area, 2. Habitat Distribution, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species, 5.4. Vegetation composition: non-native species,5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Sphagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	All/Other Relevant Threats and Pressures		MC13 Other measures related to extraction and energy exploitation activities	Administrative/ Contractual	Installation of Interpretative signage on SAC to raise awareness of conservation objectives for the site and raise awareness of landowners working to protect nature at Sonnagh Bog SAC.	LIFE IP Wild Atlantic Nature	LIFE IP Wild Atlantic Nature	2026+	S.I. No. 477/2011 - European Communities (Birds and Natural Habitats) Regulations 2011
27	1. Habitat Area, 2. Habitat Distribution, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species, 5.4. Vegetation composition: non-native species,5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Sphagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	All/Other Relevant Threats and Pressures		MC01 Adapt/manage extraction of non-energy resources	Statutory	Regulation controlling unconsented development at this site.	Planning and Development Act 2000, as amended	Local Authority/An Coimisin Pleanála	2001+	All government plans and policy documents are cognisant of these protections
28	1. Habitat Area, 2. Habitat Distribution, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species, 5.4. Vegetation composition: non-native species,5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Sphagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	All/Other Relevant Threats and Pressures		MA06 Stop mowing, grazing and other equivalent agricultural activities e.g. burning (incl. restore or improve habitats)	Statutory	Consent is required for burning, topping, clearing scrub or rough vegetation or reseeded. [Consent is not required for these activities on established reseeded grassland or cultivated land provided it is greater than 20m from a river, stream or floodplain; or greater than 50m from a wetland, lake, turlough or pond.]	European Union Habitats (Sonnagh Bog Special Area of Conservation 001913) Regulations 2019.	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

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:
29	1. Habitat Area, 2. Habitat Distribution, 3.1. Ecosystem function: soil nutrients, 3.2. Ecosystem function: peat formation, 3.3. Ecosystem function: hydrology, 4. Community diversity, 5.1. Vegetation composition: positive indicator species, 5.2. Vegetation composition: lichens and bryophytes, 5.3. Vegetation composition: negative indicator species,5.4. Vegetation composition: non-native species,5.5. Vegetation composition: native trees and shrubs, 5.6. Vegetation composition: potential dominant species, 6.1. Vegetation structure: signs of browsing, 6.2. Vegetation structure: burning, 6.3. Vegetation structure: <i>Sphagnum</i> condition, 7.1. Physical structure: disturbed bare ground, 7.2. Physical structure: drainage, 7.3 Physical structure: erosion, 8. Indicators of local distinctiveness	All/Other Relevant Threats and Pressures		MC02 Adapt/manage exploitation of energy resources	Administrative	Control of activities, if not covered by other regulations, which could negatively impact on Sonnagh Bog.	European Union Habitats (Sonnagh Bog Special Area of Conservation 001913) Regulations 2019.	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