

Site Name: Ballynafagh Bog SAC 000391

County: Kildare

### 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

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|------|--|
| 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 Ballynafagh 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 Ballynafagh Bog SAC.   |

**Ballynafagh Bog SAC 000391**

**Habitat: Active Raised Bog [7110]**

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

| No. | Ecological Requirements<br><i>(Attributes as per SSCO)</i>   | Pressure /Threat<br><i>(EU Code 2019-2024)</i>    | Pressure/ Threat Ranking | EU Conservation Measure Type<br><i>(EU Code 2019-2024)</i>  | 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. 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: micro topographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ABB species: flora, 7.2 Typical ABB species: fauna, 8. Elements of local distinctiveness, 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: non-native invasive species, 12 Water quality | <u>PC01 Drainage (mixed or unknown drivers)</u>   | High                     | MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats). | Statutory                    | Regulation controlling development including associated drainage   | <u>S.I. NO. 600/2001 - Planning and Development Regulations 2001, as amended.</u>                              | Local Authority (Wicklow/An Bord Pleanála (ABP))   | 2001+                    | All government plans and policy documents are cognisant of these protections |
| 2   | 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: micro topographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ABB species: flora, 7.2 Typical ABB species: fauna, 8. Elements of local distinctiveness, 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: non-native invasive species, 12 Water quality | <u>PA22 Drainage for use as agricultural land</u> | High                     | MA13 Manage agricultural drainage and water abstraction (incl. the restoration of drained or hydrologically altered habitats).        | Statutory                    | Regulation controlling development including associated drainage   | <u>S.I.No. 456/2011 EC EIA (Agriculture) Regs. 2011, as amended</u>  | 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. 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: micro topographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ABB species: flora, 7.2 Typical ABB species: fauna, 8. Elements of local distinctiveness, 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: non-native invasive species, 12 Water quality | <u>PL02 Drainage (mixed or unknown drivers)</u>   | High                     | MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats). | 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.  | <u>European Union Habitats (Ballynafagh Bog Special Area of Conservation 000391) Regulations 2017</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 |
| 4   | 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: micro topographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ABB species: flora, 7.2 Typical ABB species: fauna, 8. Elements of local distinctiveness, 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: non-native invasive species, 12 Water quality | <u>PL02 Drainage (mixed or unknown drivers)</u>   | High                     | MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats). | Statutory                    | Consent required for drainage works including digging, deepening, widening or blocking a drain, watercourse or waterbody if not covered by other regulations.  | <u>European Union Habitats (Ballynafagh Bog Special Area of Conservation 000391) Regulations 2017</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. 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: micro topographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ABB species: flora, 7.2 Typical ABB species: fauna, 8. Elements of local distinctiveness, 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: non-native invasive species, 12 Water quality | <u>PA22 Drainage for use as agricultural land</u> | High                     | MA13 Manage agricultural drainage and water abstraction (incl. the restoration of drained or hydrologically altered habitats)         | 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 - NPWS Conservation Ranger Site monitoring (Cross Compliance)</u> | Department of Agriculture Food and Marine (DAFM)   | 1997+                    | All government plans and policy documents are cognisant of these protections |
| 6   | 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: micro topographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ABB species: flora, 7.2 Typical ABB species: fauna, 8. Elements of local distinctiveness, 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: non-native invasive species, 12 Water quality | <u>PC06 Peat Extraction</u>                       | Low                      | MR03 Restoring freshwater, wetlands and coastal habitats impacted by multi-purpose hydrological modifications.                        | Contractual / Administrative | The Cessation of Turf Cutting Compensation Scheme (CTCCS) incentivises the cessation of peat extraction activity within raised bog SAC's. (21 participants in the CTCCS)   | <u>Turf Cutting Compensation Scheme</u>  | Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Service (NPWS) | 2011+                    | <u>National Peatland Strategy</u>  |
| 7   | 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: micro topographical features, 6.3 Vegetation quality: bog moss (Sphagnum) species, 7.1 Typical ABB species: flora, 7.2 Typical ABB species: fauna, 8. Elements of local distinctiveness, 9. Negative physical indicators, 10.1 Vegetation composition: native negative indicator species, 10.2 Vegetation composition: non-native invasive species, 12 Water quality | <u>PC06 Peat Extraction</u>                       | Low                      | MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats). | Contractual/Administrative   | The Peatlands and Natura Community Engagement Scheme encourage communities, local organisations and other parties to become involved in the enhancement of the SAC site and raise awareness.                       | <u>Peatlands and Natura Community Engagement Scheme (PNCES)</u>  | Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Service (NPWS) | 2022+                    | <u>National Peatland Strategy</u>  |

**Ballynafagh Bog SAC 000391**

**Habitat: Active Raised Bog [7110]**

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

| No. | Ecological Requirements<br><i>(Attributes as per SSCO)</i>   | Pressure /Threat<br><i>(EU Code 2019-2024)</i>  | Pressure/ Threat Ranking | EU Conservation Measure Type<br><i>(EU Code 2019-2024)</i>  | 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. 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 cover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: micro topographical 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: non-native invasive species, 12 Water quality                                       | <u>PC06 Peat Extraction</u>   | Low                      | MC01 Adapt/manage extraction of non-energy resources  | Contractual / Administrative | The Voluntary Bog Purchase Scheme facilitates the state purchase of bog land/turbary rights. To date 49 997 Acres of Freehold purchased in 15 transactions   | <u>Voluntary Bog Purchase Scheme</u>  | Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Service (NPWS) | 2022+                    | <u>National Raised Bog SAC Management Plan 2017-2022.</u>                           |
| 9   | 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 cover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: micro topographical 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: non-native invasive species, 12 Water quality                                       | <u>PC05 Peat Extraction</u>   | Low                      | MK03 Restoring freshwater, wetlands and coastal habitats impacted by multi-purpose hydrological modifications.                        | Contractual / Administrative | The Protected Raised Bog Restoration Incentive Scheme facilitates the restoration of lands within the SAC. 8 participants in this scheme and 4 land purchases were completed.  | <u>The Protected Raised Bog Restoration Incentive Scheme</u>  | Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Service (NPWS) | 2021                     | <u>National Peatland Strategy.</u>  |
| 10  | 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 cover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: micro topographical 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: non-native invasive species, 12 Water quality                                       | <u>PR01 Conversion to forest from other land uses, or afforestation, (excluding drainage)</u> | High                     | MB01 Prevent conversion of (semi-) natural habitats into forests and of (semi-) natural forests into intensive forest plantation      | Statutory                    | Forestry constrained to soils with peat depth of 30cm or less.   | <u>Licensing procedure via Forestry Regulations 2017 (S.I. No. 181 of 2017), as amended.</u>  | Department of Agriculture Food and Marine (DAFM)/Forestry Division                                       | 2017+                    | All government policies are cognisant of these regulations.                         |
| 11  | 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 cover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: micro topographical 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: non-native invasive species, 12 Water quality                                       | <u>PR01 Conversion to forest from other land uses, or afforestation, (excluding drainage)</u> | High                     | MB01 Prevent conversion of (semi-) natural habitats into forests and of (semi-) natural forests into intensive forest plantation      | Statutory                    | Planting of trees or multi-annual bioenergy crops if not covered by the Forestry regulations.  | <u>European Union Habitats (Ballynafagh Bog Special Area of Conservation 000391) Regulations 2017.</u>  | Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Service (NPWS) | 1997+                    | <u>National Peatland Strategy.</u>  |
| 12  | 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 cover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: micro topographical 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: non-native invasive species, 12 Water quality                                       | <u>All/Other Relevant Threats and Pressures</u>   |                          | MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats). | Administrative               | Raised Bog Community Engagement, Education and Awareness Programme developed to encourage communities, local organisations and other parties to become involved in the enhancement of these areas and raise awareness. | <u>Ballynafagh Bog SAC Restoration Plan</u>   | Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Service (NPWS) | 2022+                    | <u>National Raised Bog SAC Management Plan 2017-2022.</u>                           |
| 13  | 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 cover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: micro topographical 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: non-native invasive species, 11. Air quality: nitrogen deposition, 12 Water quality | <u>All/Other Relevant Threats and Pressures</u>   |                          | MI01 Implement climate change mitigation 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.  | <u>Ireland's Climate Action Plan 2024</u>   | All Government Departments   | 2024+                    | All government policies are cognisant of this plan.                                 |
| 14  | 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 cover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: micro topographical 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: non-native invasive species, 11. Air quality: nitrogen deposition, 12 Water quality | <u>All/Other Relevant Threats and Pressures</u>   |                          | MK03 Restoring freshwater, wetlands and coastal habitats impacted by multi-purpose hydrological modifications.                        | Administrative               | Public relations and information dissemination by authorised officers to stakeholders.   | <u>NPWS Conservation Ranger network and Regional Management appointed as Authorised Officers under EC Birds and Natural Habitats Reg. 2013, as amended.</u> | Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Service (NPWS) | 1997+                    | <u>Climate Action and Low Carbon Development (Amendment) Act 2021</u>               |
| 15  | 1. Habitat area, 2. Habitat Distribution, 3. High Bog Area, 4.1 Hydrological regime - water levels, 4.2 Hydrological regime - flow patterns, 5. Transitional areas between high bog and adjacent mineral soils (including cover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: micro topographical 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: non-native invasive species, 11. Air quality: nitrogen deposition, 12 Water quality | <u>All/Other Relevant Threats and Pressures</u>   |                          | MC02 Adapt/manage exploitation of energy resources  | Administrative               | The production of a restoration plan for the site.   | <u>Ballynafagh Bog SAC Restoration Plan</u>   | Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Service (NPWS) | 2017+                    | <u>All government plans and policy documents are cognisant of these protections</u> |

# Ballynafagh Bog SAC 000391

## Habitat: Active Raised Bog [7110]

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

| No. | Ecological Requirements<br><u>Attributes as per SSCO</u>   | Pressure /Threat<br><u>All/Other Relevant Threats and Pressures</u> | Pressure/ Threat Ranking | EU Conservation Measure Type<br><u>(EU Code 2019-2024)</u>   | Measure Category | Conservation Measure   | Delivery mechanism   | Public Authority with statutory responsibility  | Implementation timeframe | Integration with high level plans/policy:                                    |
|-----|--|---|--------------------------|--|------------------|--|--|---|--------------------------|--|
| 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 mineral soils (including cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: micro topographical 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: non-native invasive species, 11. Air quality: nitrogen deposition, 12 Water quality | All/Other Relevant Threats and Pressures                            |                          | MA05 Adapt mowing, 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.        | European Union Habitats (Ballynafagh Bog Special Area of Conservation 000391) Regulations 2017   | 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 |
| 17  | 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: micro topographical 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: non-native invasive species, 11. Air quality: nitrogen deposition, 12 Water quality | All/Other Relevant Threats and Pressures                            |                          | MA05 Adapt mowing, grazing and other equivalent agricultural activities (e.g. burning)   | Statutory        | Controls burning of agricultural waste.  | 6.1. 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  |
| 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 cutover areas), 6.1 Vegetation quality: central ecotype, active flush, soaks, bog woodland, 6.2 Vegetation quality: micro topographical 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: non-native invasive species, 11. Air quality: nitrogen deposition, 12 Water quality | 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                     | Wildlife Act 1976  |
| 19  | 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: micro topographical 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: non-native invasive species, 11. Air quality: nitrogen deposition, 12 Water quality | 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. 181 of 2017), as amended.            | Department of Agriculture Food and Marine (DAFM)/Forestry Division  | 2017+                    | National Biodiversity Action Plan  |
| 20  | 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: micro topographical 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: non-native invasive species, 11. Air quality: nitrogen deposition, 12 Water quality | 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 Ballynafagh Bog SAC.                  | European Union Habitats (Ballynafagh Bog Special Area of Conservation 000391) Regulations 2017   | Department of Housing, Local Government and Heritage (DHLGH)/ National Parks and Wildlife Service (NPWS)                                  | 1997+                    | National Peatland Strategy   |