

Site name: Glendine Wood SAC 002324

County: Waterford

Site Specific Conservation Objective (SSCO) Ecological Attributes

[6985] Killarney Fern (*Vandenboschia speciosa*)

- 1 Distribution
- 2 Number of populations
- 3 Number of colonies
- 4 Population:life-cycle stage
- 5.1 Population size: area of occupancy
- 5.2 Population size: living sporophyte fronds
- 6.1 Population structure: young and unfurling fronds
- 6.2 Population structure: fertile fronds
- 6.3 Population structure: juvenile sporophyte fronds emerging from gametophytes
- 7 Habitat extent
- 8.1 Hydrological conditions: wet/ damp microhabitats
- 8.2 Hydrological conditions: relative humidity
- 8.3 Hydrological conditions: desiccated fronds
- 9 Light levels: shading
- 10 Woodland canopy cover
- 11 Invasive species

Site name: 002324
Habitat/Species: [6985] Killarney Fern (Vandenboschia speciosa)
(SSCO): To maintain the favourable conservation condition of [6985] in this site

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. Distribution, 2. Number of populations, 3. Number of colonies, 4. Population: life-cycle stage, 5.1. Population size: area of occupancy, 5.2. Population size: living sporophyte fronds, 6.1. Population structure: young and unfurling fronds, 6.2. Population structure: fertile fronds, 6.3. Population structure: juvenile sporophyte fronds emerging from gametophytes, 7. Habitat extent, 8.1. Hydrological conditions: wet/damp microhabitats, 8.2. Hydrological conditions: relative humidity, 8.3. Hydrological conditions: desiccated fronds, 9. Light levels: shading, 10 .Woodland canopy cover, 11. Invasive species	No specific pressures/threats were identified	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Contractual	29% uptake of eligible participants (7) in the voluntary Agri-Climate Rural Environment Scheme (ACRES).	Agri-Climate Rural Environment Scheme (ACRES)	Department of Agriculture, Food and the Marine (DAFM)	2022+	CAP Strategic Plan
2	1. Distribution, 2. Number of populations, 3. Number of colonies, 4. Population: life-cycle stage, 5.1. Population size: area of occupancy, 5.2. Population size: living sporophyte fronds, 6.1. Population structure: young and unfurling fronds, 6.2. Population structure: fertile fronds, 6.3. Population structure: juvenile sporophyte fronds emerging from gametophytes, 7. Habitat extent, 8.1. Hydrological conditions: wet/damp microhabitats, 8.2. Hydrological conditions: relative humidity, 8.3. Hydrological conditions: desiccated fronds, 9. Light levels: shading, 10 .Woodland canopy cover, 11. Invasive species	No specific pressures/threats were identified	N/A	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 the Marine (DAFM)	2022+	CAP Strategic Plan
3	1. Distribution, 2. Number of populations, 3. Number of colonies, 4. Population: life-cycle stage, 5.1. Population size: area of occupancy, 5.2. Population size: living sporophyte fronds, 6.1. Population structure: young and unfurling fronds, 6.2. Population structure: fertile fronds, 6.3. Population structure: juvenile sporophyte fronds emerging from gametophytes, 7. Habitat extent, 8.1. Hydrological conditions: wet/damp microhabitats, 8.2. Hydrological conditions: relative humidity, 8.3. Hydrological conditions: desiccated fronds, 9. Light levels: shading, 10 .Woodland canopy cover, 11. Invasive species	No specific pressures/threats were identified	N/A	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)	Department of Agriculture, Food and the Marine (DAFM)	2022+	CAP Strategic Plan
4	1. Distribution, 2. Number of populations, 3. Number of colonies, 4. Population: life-cycle stage, 5.1. Population size: area of occupancy, 5.2. Population size: living sporophyte fronds, 6.1. Population structure: young and unfurling fronds, 6.2. Population structure: fertile fronds, 6.3. Population structure: juvenile sporophyte fronds emerging from gametophytes, 7. Habitat extent, 8.1. Hydrological conditions: wet/damp microhabitats, 8.2. Hydrological conditions: relative humidity, 8.3. Hydrological conditions: desiccated fronds, 9. Light levels: shading, 10 .Woodland canopy cover, 11. Invasive species	No specific pressures/threats were identified	N/A	MA - Measures related to agricultural practices and agriculture-related 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.	DAFM BISS Conditionality Farm inspection's - NPWS Conservation Ranger Site monitoring. (Cross Compliance).	Department of Agriculture, Food and the Marine (DAFM)	2022+	CAP Strategic Plan
5	1. Distribution, 2. Number of populations, 3. Number of colonies, 4. Population: life-cycle stage, 5.1. Population size: area of occupancy, 5.2. Population size: living sporophyte fronds, 6.1. Population structure: young and unfurling fronds, 6.2. Population structure: fertile fronds, 6.3. Population structure: juvenile sporophyte fronds emerging from gametophytes, 7. Habitat extent, 8.1. Hydrological conditions: wet/damp microhabitats, 8.2. Hydrological conditions: relative humidity, 8.3. Hydrological conditions: desiccated fronds, 9. Light levels: shading, 10 .Woodland canopy cover, 11. Invasive species	No specific pressures/threats were identified	N/A	MA - Measures related to agricultural practices and agriculture-related habitats	Administrative/Contractual	The production of NPWS Farm Plans at Glendine Wood SAC. This includes 2 plots overing approx. 13 HA within the SAC.	NPWS Farm Plan Scheme	National Parks and Wildlife (NPWS)	2006+	European Communities (Birds and Natural Habitats Regulations) 2011

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6	1. Distribution, 2. Number of populations, 3. Number of colonies, 4. Population: life-cycle stage, 5.1. Population size: area of occupancy, 5.2. Population size: living sporophyte fronds, 6.1. Population structure: young and unfurling fronds, 6.2. Population structure: fertile fronds, 6.3. Population structure: juvenile sporophyte fronds emerging from gametophytes, 7. Habitat extent, 8.1. Hydrological conditions: wet/damp microhabitats, 8.2. Hydrological conditions: relative humidity, 8.3. Hydrological conditions: desiccated fronds, 9. Light levels: shading, 10 .Woodland canopy cover, 11. Invasive species	No specific pressures/threats were identified	N/A	MH03 Reduce impact of other specific human activities	Statutory	Regulation protecting Killarney Fern at this Site.	Flora (Protection) Order 2022	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2022+	All government plans and policy documents are cognisant of these protections
7	1. Distribution, 2. Number of populations, 3. Number of colonies, 4. Population: life-cycle stage, 5.1. Population size: area of occupancy, 5.2. Population size: living sporophyte fronds, 6.1. Population structure: young and unfurling fronds, 6.2. Population structure: fertile fronds, 6.3. Population structure: juvenile sporophyte fronds emerging from gametophytes, 7. Habitat extent, 8.1. Hydrological conditions: wet/damp microhabitats, 8.2. Hydrological conditions: relative humidity, 8.3. Hydrological conditions: desiccated fronds, 9. Light levels: shading, 10 .Woodland canopy cover, 11. Invasive species	No specific pressures/threats were identified	N/A	MH03 Reduce impact of other specific human activities	Statutory	Control of activities, if not covered by other regulations, which could negatively impact on this SAC.	European Union Habitats (Glendine Wood Special Area of Conservation 002324) Regulations 2016.	Department of Housing, Local Government and Heritage (DHLGH)/National Parks and Wildlife Service (NPWS)	2003	All government plans and policy documents are cognisant of these protections
8	1. Distribution, 2. Number of populations, 3. Number of colonies, 4. Population: life-cycle stage, 5.1. Population size: area of occupancy, 5.2. Population size: living sporophyte fronds, 6.1. Population structure: young and unfurling fronds, 6.2. Population structure: fertile fronds, 6.3. Population structure: juvenile sporophyte fronds emerging from gametophytes, 7. Habitat extent, 8.1. Hydrological conditions: wet/damp microhabitats, 8.2. Hydrological conditions: relative humidity, 8.3. Hydrological conditions: desiccated fronds, 9. Light levels: shading, 10 .Woodland canopy cover, 11. Invasive species	No specific pressures/threats were identified	N/A	MF08 Manage changes in hydrological and coastal systems and regimes for construction and development (incl. restoration of habitats.	Statutory	Regulation controlling unconsented development at this site.	Planning and Development Act 2000, as amended.	Local Authority/An Coimisiún Pleanála	2000+	All government plans and policy documents are cognisant of these protections
9	1. Distribution, 2. Number of populations, 3. Number of colonies, 4. Population: life-cycle stage, 5.1. Population size: area of occupancy, 5.2. Population size: living sporophyte fronds, 6.1. Population structure: young and unfurling fronds, 6.2. Population structure: fertile fronds, 6.3. Population structure: juvenile sporophyte fronds emerging from gametophytes, 7. Habitat extent, 8.1. Hydrological conditions: wet/damp microhabitats, 8.2. Hydrological conditions: relative humidity, 8.3. Hydrological conditions: desiccated fronds, 9. Light levels: shading, 10 .Woodland canopy cover, 11. Invasive species	No specific pressures/threats were identified	N/A	MJ01 Implement climate change mitigation measures, MJ02 Implement climate change adaptation measures MM02 Minimise/prevent impacts of geological and natural catastrophes	Administrative	A roadmap of actions to assist in the achievement of climate change objectives by no later than the end of the year 2050.	Ireland's Climate Action Plan	All Government Departments	2019+	Climate Action and Low Carbon Development (Amendment) Act 2021