



NATURA 2000 - STANDARD DATA FORM

For Special Protection Areas (SPA),
Proposed Sites for Community Importance (pSCI),
Sites of Community Importance (SCI) and
for Special Areas of Conservation (SAC)

SITE IE0002356
SITENAME Ardgraique Bog SAC

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1. SITE IDENTIFICATION

| | | |
|----------|---------------|-----------------------------|
| 1.1 Type | 1.2 Site code | Back to top |
| B | IE0002356 | |

1.3 Site name

| |
|--------------------|
| Ardgraique Bog SAC |
|--------------------|

| | |
|----------------------------|-----------------|
| 1.4 First Compilation date | 1.5 Update date |
| 2003-04 | 2021-12 |

1.6 Respondent:

| | |
|--------------------|----------------------------------------------------------------------------------------|
| Name/Organisation: | National Parks and Wildlife Service, Department of Culture, Heritage and the Gaeltacht |
| Address: | 90 King Street North, Dublin 7, D07 N7CV, Ireland |
| Email: | datadelivery@chg.gov.ie |

1.7 Site indication and designation / classification dates

| | |
|----------------------------------------------|----------|
| Date site classified as SPA: | 0000-00 |
| National legal reference of SPA designation | No data |
| Date site proposed as SCI: | 2003-04 |
| Date site confirmed as SCI: | No data |
| Date site designated as SAC: | 2021-12 |
| National legal reference of SAC designation: | 655/2021 |

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude -8.242027164 Latitude 53.17377221

2.2 Area [ha]: 2.3 Marine area [%]

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

| NUTS level 2 code | Region Name |
|-------------------|-----------------------------|
| IE01 | Border, Midland and Western |

2.6 Biogeographical Region(s)

Atlantic (%)

3. ECOLOGICAL INFORMATION

3.1 Habitat types present on the site and assessment for them

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| Annex I Habitat types | | | | | | Site assessment | | | |
|-----------------------|----|----|------------|---------------|--------------|------------------|------------------|--------------|--------|
| Code | PF | NP | Cover [ha] | Cave [number] | Data quality | A B C D | A B C | | |
| | | | | | | Representativity | Relative Surface | Conservation | Global |
| 7110 <i>B</i> | | | 10.28 | | G | B | C | B | A |
| 7120 <i>B</i> | | | 5.24 | | G | B | C | B | B |
| 7150 <i>B</i> | | | 0.29649598 | | M | C | C | B | B |

- **PF:** for the habitat types that can have a non-priority as well as a priority form (6210, 7130, 9430) enter "X" in the column PF to indicate the priority form.
- **NP:** in case that a habitat type no longer exists in the site enter: x (optional)
- **Cover:** decimal values can be entered
- **Caves:** for habitat types 8310, 8330 (caves) enter the number of caves if estimated surface is not available.
- **Data quality:** G = 'Good' (e.g. based on surveys); M = 'Moderate' (e.g. based on partial data with some extrapolation); P = 'Poor' (e.g. rough estimation)

3.2 Species referred to in Article 4 of Directive 2009/147/EC and listed in Annex II of Directive 92/43/EEC and site evaluation for them

| Species | | | | | Population in the site | | | | | | Site assessment | | | |
|---------|------|-----------------|---|----|------------------------|------|-----|------|------|----------|-----------------|-------|------|------|
| G | Code | Scientific Name | S | NP | T | Size | | Unit | Cat. | D. qual. | A B C D | A B C | | |
| | | | | | | Min | Max | | | | Pop. | Con. | Iso. | Glo. |

- **Group:** A = Amphibians, B = Birds, F = Fish, I = Invertebrates, M = Mammals, P = Plants, R = Reptiles
- **S:** in case that the data on species are sensitive and therefore have to be blocked for any public access enter: yes
- **NP:** in case that a species is no longer present in the site enter: x (optional)
- **Type:** p = permanent, r = reproducing, c = concentration, w = wintering (for plant and non-migratory species use permanent)
- **Unit:** i = individuals, p = pairs or other units according to the Standard list of population units and codes in accordance with Article 12 and 17 reporting (see [reference portal](#))
- **Abundance categories (Cat.):** C = common, R = rare, V = very rare, P = present - to fill if data are deficient (DD) or in addition to population size information
- **Data quality:** G = 'Good' (e.g. based on surveys); M = 'Moderate' (e.g. based on partial data with some extrapolation); P = 'Poor' (e.g. rough estimation); VP = 'Very poor' (use this category only, if not even a rough estimation of the population size can be made, in this case the fields for population size can remain empty, but the field "Abundance categories" has to be filled in)

3.3 Other important species of flora and fauna (optional)

| Species | | | | | Population in the site | | | | Motivation | |
|---------|------|-----------------|---|----|------------------------|--|------|------|---------------|------------------|
| Group | CODE | Scientific Name | S | NP | Size | | Unit | Cat. | Species Annex | Other categories |

| | | | | | Min | Max | | C R V P | IV | V | A | B | C | D |
|---|--|-------------------------------------|--|--|-----|-----|--|---------|----|---|---|---|---|---|
| P | | Sphagnum fuscum | | | | | | | | | | | | X |
| P | | Sphagnum imbricatum | | | | | | | | | | | | X |
| P | | Sphagnum pulchrum | | | | | | | | | | | | X |

- **Group:** A = Amphibians, B = Birds, F = Fish, Fu = Fungi, I = Invertebrates, L = Lichens, M = Mammals, P = Plants, R = Reptiles
- **CODE:** for Birds, Annex IV and V species the code as provided in the reference portal should be used in addition to the scientific name
- **S:** in case that the data on species are sensitive and therefore have to be blocked for any public access enter: yes
- **NP:** in case that a species is no longer present in the site enter: x (optional)
- **Unit:** i = individuals, p = pairs or other units according to the standard list of population units and codes in accordance with Article 12 and 17 reporting, (see [reference portal](#))
- **Cat.:** Abundance categories: C = common, R = rare, V = very rare, P = present
- **Motivation categories:** IV, V: Annex Species (Habitats Directive), A: National Red List data; B: Endemics; C: International Conventions; D: other reasons

4. SITE DESCRIPTION

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4.1 General site character

| Habitat class | % Cover |
|---------------------|---------|
| N07 | 78.0 |
| N08 | 15.0 |
| N10 | 7.0 |
| Total Habitat Cover | 100 |

Other Site Characteristics

Ardgraique Bog is a relatively small midland/western raised bog site located north-east of Killimor village in the east of Co. Galway. The bog overlies Carboniferous limestone bedrock and has developed in a small topographical basin. Most of the surrounding land is dominated by fields of agricultural grassland. A small core of uncut high bog is surrounded by cutover, which has been reclaimed in places to produce agricultural grassland. Scrub has colonised some parts of the cutover.

4.2 Quality and importance

This relatively small site contains good examples of active raised bog, degraded raised bog and Rhynchosporion vegetation. The site is important because of its high watertable and the relatively undisturbed conditions which prevail on the high bog, in spite of some intensive peat-cutting along the high bog margins. Sphagnum cover is unusually high and the presence of large amounts of the nationally rare moss Sphagnum pulchrum demonstrates that very wet conditions prevail. A small flush on the high bog supports some unusual plant species, such as Melampyrum pratense and Empetrum nigrum. A number of associated raised bog sites occur in close proximity to this site.

4.3 Threats, pressures and activities with impacts on the site

The most important impacts and activities with high effect on the site

| Negative Impacts | | | |
|------------------|---------------------------------|-----------------------------------|---------------------------|
| Rank | Threats and pressures [code] | Pollution (optional) [code] | inside/outside [i o b] |
| H | J02.15 | | b |
| M | B02.01.02 | | b |
| H | C01.03.02 | | i |
| L | E03.01 | | i |
| M | A02.01 | | b |
| H | J02.07 | | i |
| H | J02.06 | | i |
| L | J01.01 | | i |
| L | E03.03 | | i |

Rank: H = high, M = medium, L = low

Pollution: N = Nitrogen input, P = Phosphor/Phosphate input, A = Acid input/acidification,

T = toxic inorganic chemicals, O = toxic organic chemicals, X = Mixed pollutions

i = inside, o = outside, b = both

| Positive Impacts | | | |
|------------------|----------------------------------|-----------------------------------|----------------------------|
| Rank | Activities, management [code] | Pollution (optional) [code] | inside /outside [i o b] |
| L | X | | i |

4.4 Ownership (optional)

4.5 Documentation

Cross, J.R. (1990). The Raised Bogs of Ireland: their Ecology, Status and Conservation. Report to the Minister of State at the Department of Finance. Stationery Office, Dublin.

Douglas, C. (1987). The distribution and ecology of Sphagnum pulchrum (Braithw.) in Ireland. Glasra 10: 75-81.

Douglas, C. and Mooney, E. (1984). Survey to Locate Raised Bogs of Scientific Interest in Counties Galway (E) and Roscommon. Unpublished report, Wildlife Service, Dublin.

Hammond, R.F. (1979). The Peatlands of Ireland. An Foras Talúntais, Dublin.

National Parks and Wildlife Service (1992-1994). National Areas of Scientific Interest Survey. Unpublished report, National Parks and Wildlife Service, Dublin.

Quinn, A.C.M. (1971). A Preliminary Report on Areas of Scientific Interest in Co. Galway. Unpublished report, An Foras Forbartha, Dublin.

5. SITE PROTECTION STATUS (optional)

- 5.1 Designation types at national and regional level:
- 5.2 Relation of the described site with other sites:
- 5.3 Site designation (optional)
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6. SITE MANAGEMENT

- 6.1 Body(ies) responsible for the site management:
- 6.2 Management Plan(s):
- An actual management plan does exist:
- ☐ Yes

☐ No, but in preparation

☒ No
- 6.3 Conservation measures (optional)
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7. MAP OF THE SITES

INSPIRE ID:

IE.NPWS.PS.NATURA2000.SAC.IE0002356

Map delivered as PDF in electronic format (optional)

☐ Yes

☒ No

Reference(s) to the original map used for the digitalisation of the electronic boundaries (optional).