1. SITE IDENTIFICATION

1.1 Type

1.2 Site code

B

IE0000581

1.3 Site name

Moyclare Bog SAC

1.4 First Compilation date

1995-05

1.5 Update date

2017-09

1.6 Respondent:

Name/Organisation: National Parks and Wildlife Service, Department of Arts, Heritage and the Gaeltacht

Address: 7 Ely Place, Dublin 2, Ireland

Email: datadelivery@ahg.gov.ie

Date site proposed as SCI: 1997-11

Date site confirmed as SCI: No data

Date site designated as SAC: 2017-05

National legal reference of SAC designation: 224/2017

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

Back to top
Longitude -7.884076413
Latitude 53.26841524

2.2 Area [ha]:
129.9532531

2.3 Marine area [%]
0.0

2.4 Sitelength [km]:
0.0

2.5 Administrative region code and name

<table>
<thead>
<tr>
<th>NUTS level 2 code</th>
<th>Region Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>IE01</td>
<td>Border, Midland and Western</td>
</tr>
</tbody>
</table>

2.6 Biogeographical Region(s)

Atlantic (%)

3. ECOLOGICAL INFORMATION

3.1 Habitat types present on the site and assessment for them

<table>
<thead>
<tr>
<th>Annex I Habitat types</th>
<th>Site assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code</td>
<td>PF</td>
</tr>
<tr>
<td>------</td>
<td>----</td>
</tr>
<tr>
<td>7110</td>
<td></td>
</tr>
<tr>
<td>7120</td>
<td></td>
</tr>
<tr>
<td>7150</td>
<td></td>
</tr>
</tbody>
</table>

- **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

<table>
<thead>
<tr>
<th>Species</th>
<th>Population in the site</th>
<th>Site assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scientific</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
3.3 Other important species of flora and fauna (optional)

<table>
<thead>
<tr>
<th>Species</th>
<th>Population in the site</th>
<th>Motivation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rhynchospora fusca</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Group:** A = Amphibians, B = Birds, F = Fish, I = Invertebrates, 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)
- **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)

4. SITE DESCRIPTION

4.1 General site character

<table>
<thead>
<tr>
<th>Habitat class</th>
<th>% Cover</th>
</tr>
</thead>
<tbody>
<tr>
<td>N19</td>
<td>7.0</td>
</tr>
<tr>
<td>N14</td>
<td>20.0</td>
</tr>
<tr>
<td>N07</td>
<td>73.0</td>
</tr>
<tr>
<td>Total Habitat Cover</td>
<td>100</td>
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</tbody>
</table>

Other Site Characteristics

The site is underlain by low permeability Waulsortian Carboniferous limestones. The subsoil geology is dominated by silty/stoney till. Sections to the north indicate that shell marl underlies the peat in places. Most of the raised bogs in the vicinity have been cut away by Bord na Móna over the past 50 years. Part of the
4.2 Quality and importance

Moyclare Bog is a small raised bog site which contains examples of the Annex I habitats active raised bog, degraded raised bog and depressions on peat substrates (Rhynchosporion). Much of the bog surface is wet and has a moderate to high cover of Sphagnum moss. It supports Rhynchospora fusca, a relatively rare species. Perhaps the most striking feature of this bog is the high proportion of active raised bog within the uncut dome (c.60%). The site occurs in close proximity to a number of important raised bogs close to the flood-plain of the River Shannon.

4.3 Threats, pressures and activities with impacts on the site

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

<table>
<thead>
<tr>
<th>Negative Impacts</th>
<th>Positive Impacts</th>
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</thead>
<tbody>
<tr>
<td>Rank</td>
<td>Rank</td>
</tr>
<tr>
<td>Threats and pressures</td>
<td>Threats, management</td>
</tr>
<tr>
<td>code</td>
<td>code</td>
</tr>
<tr>
<td>Pollution</td>
<td>Pollution</td>
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<tr>
<td>(optional) i/o/b</td>
<td>(optional) i/o/b</td>
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<tr>
<td>H</td>
<td>L</td>
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<tr>
<td>C01.03</td>
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<td>E03.01</td>
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<td>i</td>
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</tbody>
</table>

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

4.5 Documentation


6. SITE MANAGEMENT

6.2 Management Plan(s):
An actual management plan does exist:

- [ ] Yes
- [ ] No, but in preparation
- [x] No

7. MAP OF THE SITES
INSPIRE ID:  

IE.NPWS.PS.NATURA2000.SAC.IE0000581

Map delivered as PDF in electronic format (optional)

☐ Yes  X No

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