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 IE0000231
SITENAME Barroughter Bog SAC

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1. SITE IDENTIFICATION

1.1 Type
B

1.2 Site code
IE0000231

1.3 Site name
Barroughter Bog SAC

1.4 First Compilation date
1995-05

1.5 Update date
2018-09

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

Date site proposed as SCI: 1997-11
Date site confirmed as SCI: No data
Date site designated as SAC: No data
National legal reference of SAC designation: No data

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude  
-8.310925898  

Latitude  
53.07895157  

2.2 Area [ha]:  
173.9466712  

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></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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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></td>
<td>Group</td>
<td>CODE</td>
</tr>
<tr>
<td></td>
<td>A = Amphibians, B = Birds, F = Fish, I = Invertebrates, M = Mammals, P = Plants, R = Reptiles</td>
<td>Rhynchospora fusca</td>
</tr>
<tr>
<td></td>
<td>A = Amphibians, B = Birds, F = Fish, I = Invertebrates, M = Mammals, P = Plants, R = Reptiles</td>
<td>Sphagnum pulchrum</td>
</tr>
</tbody>
</table>

4. SITE DESCRIPTION

4.1 General site character

<table>
<thead>
<tr>
<th>Habitat class</th>
<th>% Cover</th>
</tr>
</thead>
<tbody>
<tr>
<td>N07</td>
<td>87.0</td>
</tr>
<tr>
<td>N23</td>
<td>9.0</td>
</tr>
<tr>
<td>N06</td>
<td>4.0</td>
</tr>
<tr>
<td>Total Habitat Cover</td>
<td>100</td>
</tr>
</tbody>
</table>
Other Site Characteristics

This site is underlain by dark grey muddy fossiliferous carboniferous limestones with a low permeability. The subsoils are dominated by limestone till with calcareous shell marl and pure sand in places. Overall the limestone till has a low permeability. The bog formed in a floodplain of the adjacent lake and river and lies in a regional ground water discharge area. Upwelling is seen to the NE.

4.2 Quality and importance

Barroughter bog is a small raised bog site which contains good examples of the priority Annex I habitat active raised bog and the non-priority habitats degraded raised bog and depressions on peat substrates (Rhynchosporion). The bog lies along the western shores of Lough Derg and, as a result, there are some good vegetation transitions between the lake margins and high bog evident. The locally rare plant species Sphagnum pulchrum and Rhynchospora fusca have been recorded from wet pools and lawns on the high bog.

4.3 Threats, pressures and activities with impacts on the site

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

<table>
<thead>
<tr>
<th>Negative Impacts</th>
<th>Positive Impacts</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Rank</strong></td>
<td><strong>Threats and pressures [code]</strong></td>
</tr>
<tr>
<td>L</td>
<td>J02.10</td>
</tr>
<tr>
<td>H</td>
<td>J01.01</td>
</tr>
<tr>
<td>H</td>
<td>C01.03.02</td>
</tr>
<tr>
<td>L</td>
<td>D05</td>
</tr>
<tr>
<td>L</td>
<td>E03.01</td>
</tr>
<tr>
<td>L</td>
<td>B01</td>
</tr>
<tr>
<td>L</td>
<td>E03.03</td>
</tr>
<tr>
<td>H</td>
<td>J02.15</td>
</tr>
</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.IE0000231

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).