1. SITE IDENTIFICATION

1.1 Type
B

1.2 Site code
IE0000597

1.3 Site name
Carrowbehy/Caher 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: 2017-06
National legal reference of SAC designation: 292/2017

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:
Longitude: -8.65235774  
Latitude: 53.79397105

2.2 Area [ha]: 345.6592845

2.3 Marine area [%]: 0.0

2.4 Sitelength [km]: 0.0

2.5 Administrative region code and name

NUTS level 2 code | Region Name
<table>
<thead>
<tr>
<th></th>
<th></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>

Back to top
3.3 Other important species of flora and fauna (optional)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td></td>
<td>Lagopus lagopus</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B</td>
<td></td>
<td>Lagopus lagopus</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P</td>
<td></td>
<td>Rhynchospora fusca</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **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
- **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>N06</td>
<td>5.0</td>
</tr>
<tr>
<td>N07</td>
<td>78.0</td>
</tr>
</tbody>
</table>
4.2 Quality and importance

Carrowbehy/Caher Bog is an important example of a medium-sized raised bog site which contains examples of the Annex I habitats active raised bog, degraded raised bog and depressions on peat substrates (Rhynchosporion). Other important habitats which occur within the site include dry heath and alkaline fen. Along the south-eastern edge of the northern lobe there is an area of semi-natural lagg which supports alkaline fen and poor fen vegetation. Lagg areas such as this are of great interest in terms of hydrology and vegetation and are now very rare features of raised bog systems in Ireland. The relatively rare sedge Rhynchospora fusca has been recorded from wet pools within the site and Lagopus lagopus, a Red Data Book species, has also been noted.

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>Rank</td>
<td>Threats and pressures [code]</td>
</tr>
<tr>
<td>M</td>
<td>E03.01</td>
</tr>
<tr>
<td>M</td>
<td>J02.05</td>
</tr>
<tr>
<td>M</td>
<td>I01</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
☒ No

7. MAP OF THE SITES

INSPIRE ID: IE.NPWS.PS.NATURA2000.SAC.IE0000597

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).