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1. SITE IDENTIFICATION

1.1 Type
B

1.2 Site code
IE0000432

1.3 Site name
Barrigone SAC

1.4 First Compilation date
1995-08

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
-9.037241129

Latitude
52.60113302

2.2 Area [ha]:
66.32924518

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
--- | ---
IE02 | Southern and Eastern

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>5130</td>
<td>5.97</td>
</tr>
<tr>
<td>6210</td>
<td>X</td>
</tr>
<tr>
<td>8240</td>
<td>13.27</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>
### 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><strong>Group</strong></td>
<td><strong>CODE</strong></td>
<td><strong>Scientific Name</strong></td>
</tr>
<tr>
<td>M</td>
<td>Lepus timidus hibernicus</td>
<td>P</td>
</tr>
<tr>
<td>M</td>
<td>Lepus timidus hibernicus</td>
<td>P</td>
</tr>
<tr>
<td>M</td>
<td>Lepus timidus hibernicus</td>
<td>P</td>
</tr>
<tr>
<td>P</td>
<td>Viola hirta</td>
<td>P</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)
- **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**: 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>
</table>

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Other Site Characteristics

Topographically the site slopes gently upwards from north to south from 15m on the north boundary to almost c. 40m at the south. From here there is a distant view of Aughinish Island and the Shannon Estuary to the North. Barrigone is an area of dry grassland with limestone outcrops together with associated scrub. The substrate bedrock and microclimate contribute to produce a specific and substantial range of plants.

4.2 Quality and importance

The importance of this site lies primarily in the diverse range of habitats and species present within such a small area. This includes the protected plant Viola hirta and the Annex II species Euphydryas aurinia, for which the site holds one of the biggest colonies in the county. 60% of the site is dominated by the priority Annex I habitats. In an area where agricultural activity is high, and in this case intensive quarrying is carried out, these dry grassland habitats are very important. Limestone outcrops throughout the site. Calcareous grassland is well represented and is notably species rich, particularly for orchids, of which, 8 species have been recorded including the scarce Neotinea maculata. Associated with the limestone pavement and calcareous grassland are areas of Juniperis communis scrub.

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 (optional) [code]</td>
</tr>
<tr>
<td>H</td>
<td>K02.01</td>
</tr>
<tr>
<td>H</td>
<td>A04.03</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:  

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).