

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 |
| 7130B | X | | 2225.49 | | M | B | B | B | B |
| 7150B | | | 36.48 | | M | B | 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. |
| B | A050 | Anas penelope | | | w | 148 | 148 | i | | G | C | B | C | C |
| B | A055 | Anas querquedula | | | w | 111 | 111 | i | | G | C | B | C | C |
| B | A395 | Anser albifrons flavirostris | | | w | 22 | 52 | i | | G | C | B | C | B |
| B | A061 | Aythya fuligula | | | w | 98 | 98 | i | | G | C | B | C | C |
| B | A098 | Falco columbarius | | | p | 1 | 1 | p | | G | C | B | C | C |
| P | 6216 | Hamatocaulis vernicosus | | | p | 478 | 478 | area | P | G | C | A | C | B |
| B | A182 | Larus canus | | | r | 600 | 600 | i | | G | B | A | C | B |
| B | A140 | Pluvialis apricaria | | | r | 6 | 8 | p | | G | C | A | C | B |
| P | 1528 | Saxifraga hirculus | | | p | 69150 | 69150 | i | | G | B | A | A | A |
| B | A194 | Sterna paradisaea | | | r | 18 | 18 | p | | G | C | C | C | C |
| B | A191 | Sterna sandvicensis | | | r | 164 | 164 | p | | G | B | C | C | C |

- **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 | | Erica erigena | | | | | | P | | | | | | X |
| B | | Lagopus lagopus | | | | | | P | | | | | X | |
| M | | Lepus timidus hibernicus | | | | | | P | | | | X | | |
| M | | Lepus timidus hibernicus | | | | | | P | | | | | X | |
| M | | Lepus timidus hibernicus | | | | | | P | | | 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

4.1 General site character

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| Habitat class | % Cover |
|----------------------------|------------|
| N20 | 2.0 |
| N07 | 62.0 |
| N08 | 1.0 |
| N10 | 3.0 |
| N06 | 30.0 |
| N14 | 2.0 |
| Total Habitat Cover | 100 |

Other Site Characteristics

A large, shallow oligotrophic/mesotrophic lake, with extensive blanket bog to the east, overlying Dalradian schists and quartzite. Minerotrophic flush vegetation and wet grassland occur along tributary and stream banks. Heath vegetation, with *Erica erigena*, fringes much of the Carrowmore Lake shore. Grassy islands occur in Carrowmore Lake.

4.2 Quality and importance

An important site in the region for birds, with long established breeding colonies of *Sterna sandvicensis*, *S. paradisaea*, *Larus ridibundus* and *L. canus* on Derreen's Island and a range of wintering birds on the lake. Surrounding lands to the east of the lake are used by wintering *Anser albifrons flavirostris*. The site is also valuable for the large area of intact blanket bog, particularly at Lorgan More, which includes a flush holding one of only three known populations of *Saxifraga hirculus* in the country as well as a recently discovered population of *Drepanocladus*

vernicosus. Depressions on peat substrates (Rhynchosporion) is well represented within the bog complex. Boglands used by breeding *Pluvialis apricaria* and *Falco columbarius*.

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] |
| M | A04 | | o |
| L | D01.01 | | i |
| L | C01.03.01 | | o |
| M | C01.03.02 | | o |
| L | I01 | | i |
| M | C01.03.01 | | i |
| L | E01.03 | | o |
| M | C01.03.02 | | i |
| M | B01 | | o |
| M | A04 | | i |
| L | D01.02 | | o |
| L | F02.03 | | i |
| L | B01 | | i |

| Positive Impacts | | | |
|------------------|-------------------------------|-----------------------------|-------------------------|
| Rank | Activities, management [code] | Pollution (optional) [code] | inside /outside [i o b] |
| L | E01.03 | | o |
| M | C01.03.02 | | o |
| L | D01.02 | | o |
| M | A04 | | o |
| L | D01.01 | | i |
| L | C01.03.01 | | o |
| L | F02.03 | | 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

4.4 Ownership (optional)

4.5 Documentation

Anon. (1981). Areas of Scientific Interest in Ireland. An Foras Forbartha, Dublin. Douglas C., Garvey, L., Kelly, L., O'Sullivan, A. and van Doorslaer, L. (1989). A Survey of Blanket Bogs of Scientific Interest in County Mayo. Unpublished report to the Wildlife Service, Dublin. Flanagan, P.J. and Toner, P.F. (1975). A Preliminary Survey of Irish Lakes. An Foras Forbartha, Dublin. Foss, P.J. and McGee, E. (1987). A Survey to Locate Blanket Bogs of Scientific Interest in County Mayo. Unpublished report to the Wildlife Service, Dublin. Fox, A.D., Norriss, D.W., Strand, D.A. and Wilson, H.J. (1994). Greenland White-fronted Geese in Ireland and Britain 1982/83 to 1993/94. National Parks and Wildlife Service, Dublin and Greenland White-fronted Goose Study. Goodwillie, R. (1979). A Preliminary Report on Areas of Scientific Interest in County Mayo. Unpublished report to Mayo County Council, An Foras Forbartha, Dublin. Grimmet, R.F.A. and Jones, T.A. (1989). Important bird areas in Europe. International Council for Bird Preservation Technical Publication No. 9. International Waterfowl and Wetlands Research Bureau. Hannon, C., Berrow, S.D. and Newton, S.F. (1997). The Status and Distribution of Breeding Sandwich *Sterna sandvicensis*, Roseate *S. Dougallii*, Common *S. Hirundo*, Arctic *S. paradisrea* and Little Terns *S. Albifrons* in Ireland in 1995. Irish Birds 6: 1-22. Hutchinson, C. (1979). Ireland's Wetlands and their Birds. Irish Wildbird Conservancy, Dublin. Lloyd, C. (1982). Report on the Breeding Seabird Inventory and its Use for Selecting Nationally and Internationally Important Colonies in Ireland. Unpublished report to the Forest and Wildlife Service, Dublin. Lloyd, C., Tasker, M. and Partridge, K. (1991). Status of seabirds in Britain and Ireland. Poyser, London. Whilde, A., Cotton, D.C.F. and Sheppard, J.R. (1993). A Repeat Survey of Gulls Breeding Inland in Counties Donegal, Sligo, Mayo and Galway, with Recent Counts from Leitrim and Fermanagh. Irish Birds 5: 67-72. Whilde, A. (1985). The 1984 All Ireland tern survey. Irish Birds 3, 1-32.

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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| Code | Cover [%] | Code | Cover [%] | Code | Cover [%] |
|------|-----------|------|-----------|------|-----------|
| IE05 | 25.0 | | | | |

5.2 Relation of the described site with other sites:

designated at national or regional level:

| Type code | Site name | Type | Cover [%] |
|-----------|-------------------------------|------|-----------|
| IE05 | Carrowmore Wildfowl Sanctuary | + | 25.0 |

5.3 Site designation (optional)

6. SITE MANAGEMENT

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6.1 Body(ies) responsible for the site management:

6.2 Management Plan(s):

An actual management plan does exist:

| |
|---|
| <input type="checkbox"/> Yes |
| <input type="checkbox"/> No, but in preparation |
| <input checked="" type="checkbox"/> No |

6.3 Conservation measures (optional)

7. MAP OF THE SITES

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INSPIRE ID:

| |
|-------------------------------------|
| IE.NPWS.PS.NATURA2000.SAC.IE0000476 |
|-------------------------------------|

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).

| |
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