



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 IE0001818
SITENAME Lough Forbes Complex SAC

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code IE0001818	Back to top
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1.3 Site name

Lough Forbes Complex SAC

1.4 First Compilation date 1995-08	1.5 Update date 2018-09
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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

1.7 Site indication and designation / classification dates

Date site classified as SPA:	0000-00
National legal reference of SPA designation	No data
Date site proposed as SCI:	1998-05
Date site confirmed as SCI:	No data
Date site designated as SAC:	2017-10
National legal reference of SAC designation:	452/2017

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude -7.878329 Latitude 53.764937

2.2 Area [ha]:

2.3 Marine area [%]

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code

Region Name

IE01	Border, Midland and Western
IE01	Border, Midland and Western

2.6 Biogeographical Region(s)

Atlantic (%)

3. ECOLOGICAL INFORMATION

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3.1 Habitat types present on the site and assessment for them

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
3150B			317.7971		G	B	C	B	B
7110B			8.96		G	B	C	C	B
7120B			33.46		G	B	C	C	B
7150B			0.423434615		M	C	C	C	C
91E0B			53.48		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	A395	Anser albifrons flavirostris			w	240	240	i		G	C	B	C	B
B	A098	Falco columbarius			p	1	1	p		G	C	B	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
B		Lagopus lagopus						P						X
P		Rhynchospora fusca						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

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4.1 General site character

Habitat class	% Cover
N07	28.0
N08	5.0
N10	25.0
N16	12.0
N20	2.0
N09	1.0
N06	27.0
Total Habitat Cover	100

Other Site Characteristics

A complex of naturally eutrophic lake, fed by the River Shannon and Rinn River, with extensive reed bed development, and natural transitions to flooded grasslands, marsh and two active raised bogs. The Castle Forbes estate on the eastern shore of the lake is extensively planted with mature semi-natural woodland, including some stands of old oak wood. The site is located in the north central midlands, at a low elevation, and overlies Carboniferous Limestone with a variable thickness of glacial tills.

4.2 Quality and importance

Lough Forbes Complex is an extensive and important midland site which contains significant examples of the Annex I habitats natural eutrophic lake, active raised bog, alluvial woodlands, degraded raised bog and Rhynchosporion vegetation. Other habitats of note occurring include mixed ash/oak woodland, dry grassland and cutover raised bog. In many areas there are good examples of relatively undisturbed transitions from lake and river to adjoining terrestrial habitats such as wet grassland and raised bog. The lake, callow and raised bog areas provide feeding and roosting sites for a flock of wintering Anser albifrons flavirostris. The site is within a breeding territory of 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]

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside /outside [i o b]

L	F03.01		b
L	F02.03		b
L	I01		b
L	J02.07.02		i
M	A03.03		i
H	A04.03		i
L	H02.06		b

H	A03.02		i
L	G02.09		i
H	J02.15		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

Browne, A., Dunne, F. and Roche, N. (2000). A Survey of Broadleaf Woodlands in three SACs: Barrow-Nore, River Unshin and Lough Forbes. Unpublished report to National Parks and Wildlife, Dublin. Cross, J.R. (1990). The Raised Bogs of Ireland: their Ecology, Status and Conservation. Unpublished report, for the Minister of State at the Department of Finance, Dublin. Douglas, C. and Grogan, H. (1986). Survey to Locate Raised Bogs of Scientific Interest in Counties Longford, Westmeath and Mayo. Unpublished report to the Forest and Wildlife Service, Dublin. Farrell, L. (1972). A Preliminary Report on Areas of Scientific Interest in County Longford. Unpublished report prepared for Longford County Council, An Foras Forbartha, Dublin. Grimmett, R.F.A. and Jones, T.A. (1989). Important Bird Areas in Europe. ICBP Technical Publication No.9. Kelly, L. Doak, M. and Dromey, M. (1995). Raised Bog Restoration Project: An Investigation into the Conservation and Restoration of Raised Bog Sites in Ireland. Unpublished report to the National Parks and Wildlife Service, Dublin.

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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5.2 Relation of the described site with other sites:

5.3 Site designation (optional)

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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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.IE0001818

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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