



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 IE0000057
SITENAME Moyree River System SAC

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code IE0000057	Back to top
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1.3 Site name

Moyree River System SAC

1.4 First Compilation date 1996-01	1.5 Update date 2020-10
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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

Date site proposed as SCI:	1997-11
Date site confirmed as SCI:	No data
Date site designated as SAC:	2019-12
National legal reference of SAC designation:	651/2019

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude
-8.919008357

Latitude
52.95797394

2.2 Area [ha]:
475.6046122

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
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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
3260			4.78		M	B	C	B	B
7230			23.89		M	B	C	B	C
8240			272.39		M	A	C	B	C
8310			4.78		M	B	C	A	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

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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.
M	1355	Lutra lutra			p				P	DD	C	B	C	C
M	1303	Rhinolophus hipposideros			w				P	DD	C	B	C	B

- **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	
I		Clossiana euphrosyne						P							X
M		Lepus timidus hibernicus						P						X	
M		Lepus timidus hibernicus						P				X			
M		Lepus timidus hibernicus						P			X				
M		Martes martes						P			X				
M		Martes martes						P					X		
M		Meles meles						P					X		
M		Meles meles						P			X				
M		Myotis daubentonii						P			X				
M		Myotis daubentonii						P					X		
A		Rana temporaria						P					X		
A		Rana temporaria						P			X				
F		Salmo trutta						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	21.0
N16	4.0
N14	3.0
N22	31.0
N09	14.0
N06	5.0
N08	22.0
Total Habitat Cover	100

Other Site Characteristics

The Moyree River is a slow moving river which follows a partially subterranean course through a lowland karst region on the fringe of the eastern Burren. It is sheltered on the east by gentle sloping limestone outcrops and ash woodland and to the west by low undulating drumlin hills. Where the stream first emerges a small relatively eutrophic area of flood plain grassland is developed on alluvial soils. Further downstream the soils are fen peat and marl and fen vegetation dominated by *Schoenus nigricans* occurs.

4.2 Quality and importance

The Moyree river system is the best example of a karstic river after the Caher River in Ireland. The river exhibits an excellent example of nutrient gradients associated with silt deposition. Several good examples of active stream caves occur. 57% of the site consists of the Annex I priority habitat limestone pavement and its associated calcareous grasslands and scrub. A fine example of alkaline fen occurs within the flood plain of the river. A colony of the Annex II species *Rhinolophus hipposideros* occurs within the site. *Salmo trutta* was recorded from the river and *Clossiana euphrosyne* a butterfly species generally confined to a few localities in the west of Ireland, was noted on site. The secluded nature of the river valley is ideal for sheltering wildfowl and other fauna which include *Lutra lutra* and *Martes martes*, a Red Data Book species.

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]
L	A04.02.01		i
M	A08		b

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]
L	E06.02		i

M	E04.01		b
M	H		i
L	A10.02		b
L	J01		i
M	A10.01		b
H	I02		i
M	A08		i
M	A10		b
M	J02.01		b
M	A05.02		i
L	E01		b
M	F03.01		i
L	E03.01		i
L	J02		i
L	G01.02		i
H	B01		i
M	A04		b
M	A10		b

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

Heuff, H. (1987). The Vegetation of Irish Rivers. Wildlife Service, Office of Public Works. Unpublished report.
 (1) Keane, S. & Rule M. (1993). NHA internal report to the Wildlife Service.

6. SITE MANAGEMENT

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6.2 Management Plan(s):

An actual management plan does exist:

Yes

No, but in preparation

No

7. MAP OF THE SITES

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INSPIRE ID:

IE.NPWS.PS.NATURA2000.SAC.IE0000057

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).

