



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 IE0001919
SITENAME Glenade Lough SAC

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code IE0001919	Back to top
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1.3 Site name

Glenade Lough SAC

1.4 First Compilation date 1997-02	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:	1997-08
Date site confirmed as SCI:	No data
Date site designated as SAC:	2016-05
National legal reference of SAC designation:	259/2016

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude -8.27128435 Latitude 54.36452829

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
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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
3150B			74.11		M	A	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

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.
I	1092	Austropotamobius pallipes			p				P	DD	C	A	C	B
P	1833	Najas flexilis			p				P	DD	B	A	C	A

- **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)

4. SITE DESCRIPTION

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4.1 General site character

Habitat class	% Cover
N10	4.0
N06	68.0
N09	8.0
N20	1.0
N07	15.0
N16	4.0
Total Habitat Cover	100

Other Site Characteristics

Glenade Lough is situated on the upper reaches of the Bonet River, within a valley between the Arroo and Benbulbin Mountain ranges. Site is underlain by carboniferous limestone which confers a calcareous nature to the lake. The water is clear, well aerated, and relatively nutrient poor. Lake shore is stony or sandy. Marginal vegetation is well developed, with reed swamp, calcareous fens and flushes, and wet grassland. Broad-leaved woodland and dry grassland also occur. Surrounding areas are mainly of pasture, though not intensively managed.

4.2 Quality and importance

An interesting system, considered more mesotrophic in physical and chemical characters than eutrophic. Has a wide diversity of vegetation, from well developed Potamogeton communities to species more associated with nutrient poor water, such as Isoetes lacustris. Also has Najas flexilis. Quality of system is good, with no evidence of artificial nutrient inputs. Has a good population of Austropotamobius pallipes and is a site for a genetic research programme on Irish crayfish. Although small, an important site of high quality.

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	I01		b
H	B04		b

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside /outside [i o b]
M	B02.02		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

4.4 Ownership (optional)

4.5 Documentation

Byrne, C., O'Sullivan, A. & MhicDaeid, C. (1995). Rare Plant Survey 1995 - Glenade Lough, Co. Donegal. Unpublished report to the National Parks & Wildlife Service, Dublin. Clabby, K.J., Lucey, J., McGarrigle, M.L., Bowman, J.J., Flanagan, P.J. & Toner, P.F. (1992). Water Quality in Ireland 1987-1990. Environmental Research Unit, Dublin. Heuff, H. (1984). The Vegetation of Irish Lakes. Unpublished report to the Forest & Wildlife Service, Dublin. Sheppard, R. (1993). Ireland's Wetland Wealth. Irish Wildbird Conservancy, Dublin. Lucey, J. & McGarrigle, M.L. (1987). The distribution of the freshwater crayfish in Ireland. Irish Fisheries Investigations 29A: 1-13.

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:

- Yes
- No, but in preparation
- No

6.3 Conservation measures (optional)

7. MAP OF THE SITES

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INSPIRE ID:

IE.NPWS.PS.NATURA2000.SAC.IE0001919

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).