



# 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 IE0002295  
SITENAME Ballinduff Turlough SAC

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## 1. SITE IDENTIFICATION

<b>1.1 Type</b> B	<b>1.2 Site code</b> IE0002295	<a href="#">Back to top</a>
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### 1.3 Site name

Ballinduff Turlough SAC
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<b>1.4 First Compilation date</b> 2003-02	<b>1.5 Update date</b> 2015-12
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### 1.6 Respondent:

<b>Name/Organisation:</b>	National Parks and Wildlife Service, Department of Arts, Heritage and the Gaeltacht
<b>Address:</b>	7 Ely Place, Dublin 2, Ireland
<b>Email:</b>	datadelivery@ahg.gov.ie

<b>Date site proposed as SCI:</b>	2003-02
<b>Date site confirmed as SCI:</b>	No data
<b>Date site designated as SAC:</b>	No data
<b>National legal reference of SAC designation:</b>	No data

## 2. SITE LOCATION

### 2.1 Site-centre location [decimal degrees]:

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**Longitude**  
-8.80632926

**Latitude**  
53.11938499

## 2.2 Area [ha]:

61.08

### 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

IE01	Border, Midland and Western
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## 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
3180 			29.32		M	A	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

[illegible]

B	A037	<a href="#">columbianus bewickii</a>			w	30	30	i		G	C	B	C	B
B	A038	<a href="#">Cygnus cygnus</a>			w	179	179	i		G	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		<a href="#">Eurycercus glacialis</a>												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
N06	48.0
N10	3.0
N23	1.0
N08	11.0
N14	37.0
Total Habitat Cover	100

## Other Site Characteristics

The site is situated in the limestone lowlands of South Galway. It occupies a narrow basin, with rock outcrops in the northern half and drift to the south. The turlough is late-draining and a linear pool persists into summer in some years and re-floods easily. The site is probably controlled by a complex area of swallow holes and subsidence below the houses at Coolfin (to the west). The ground along the southern edge is very soft with temporary springs. During floods, the site drains overland towards Coole Lough, to which it is hydrologically connected. There is a transition in nutrient status apparent from NE-SW. For water quality reasons, areas of improved grassland are included in the site.

## 4.2 Quality and importance

Ballinduff Turlough offers an excellent range of vegetation types characteristic of turloughs, with many communities well developed and little grazed. The prominence of *Littorella uniflora* in several different vegetation types, the development of *Rhamnus* woodland and the unusual swallow hole and aquatic vegetation are the main features. The site supports part of an internationally important population of *Cygnus cygnus* and also at times *Cygnus columbianus bewickii*. A rare invertebrate species, *Eurycercus glacialis* (Cladocera, Chydoridae), occurs.

## 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	H02.06		b
M	H01.08		b
L	E03.03		i
H	J02.05		b
H	A02.01		b
H	A08		b
M	A10.01		i

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

## 4.5 Documentation

Delany, S. (1997). I-WeBS Report 1995-96. Report of the Second Winter of the Irish Wetland Bird Survey. IWC BirdWatch Ireland, Dublin. Duigan, C. and Frey, D.G. (1987). *Eurycercus glacialis* in Ireland (Cladocera, Chydoridae). Int. Revue. Ges. Hydrobiol. 72: 235-249. Jennings O'Donovan & Partners and Southern Water Global (1997). An Investigation of the Flooding Problems in the Gort-Ardrahan Area of South Galway. Volumes 1 & 2. Unpublished report prepared for the Office of Public Works, Dublin. Madden, B. and Heery, S. (1999). Census of Wintering Wetland Birds in South Galway (Gort-Ardrahan Catchment) Winter (1998/1999). Unpublished report prepared for Dúchas the Heritage Service, Dublin.

## 6. SITE MANAGEMENT

### 6.2 Management Plan(s):

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An actual management plan does exist:

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

## 7. MAP OF THE SITES

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INSPIRE ID:

IE.NPWS.PS.NATURA2000.SAC.IE0002295

Map delivered as PDF in electronic format (optional)

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Yes

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No

Reference(s) to the original map used for the digitalisation of the electronic boundaries (optional).