



# 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 IE0000242  
SITENAME Castletaylor Complex SAC

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## 1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code IE0000242	<a href="#">Back to top</a>
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### 1.3 Site name

Castletaylor Complex SAC
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1.4 First Compilation date 1996-10	1.5 Update date 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

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

## 2. SITE LOCATION

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

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**Longitude**  
-8.816265548

**Latitude**  
53.18530574

**2.2 Area [ha]:**  
145.62

**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			29.12		M	A	C	A	A
4060			8.74		M	B	C	B	B
5130			8.74		M	B	C	B	B
6210	X		11.65		M	B	C	B	B
8240			11.65		M	B	C	B	C

- **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	A140	<a href="#">Pluvialis apricaria</a>			w	130	130	i		G	C	C	C	C
B	A142	<a href="#">Vanellus vanellus</a>			r	3	3	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
P		<a href="#">Equisetum variegatum</a>						P						X
P		<a href="#">Frangula alnus</a>						P			X			
P		<a href="#">Gentiana verna</a>						P						X
P		<a href="#">Neotinea maculata</a>						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
N16	40.0
N09	8.0
N14	1.0
N23	1.0
N22	8.0
N08	16.0
N06	20.0
N10	1.0
N20	5.0
<b>Total Habitat Cover</b>	<b>100</b>

### Other Site Characteristics

Situated c.4km south-east of Kilcolgan and set on undulating limestone topography, this site comprises a range of habitats in a relatively small area. The western half of the site is dominated by Caranavoodaun turlough but also has good examples of heaths, calcareous grassland and limestone pavement. The eastern half is dominated by dry broad-leaved woodland and scrub. The surrounding lands are mostly of low to moderate intensity pasture, with some afforestation immediately to the south. The turlough has no significant wintering bird populations because of the nutrient-poor conditions.

### 4.2 Quality and importance

Site contains an excellent example of an extreme oligotrophic turlough and good examples of *Dryas* and *Juniperus* heaths, calcareous grassland and some limestone pavement. The transition from the wetland to the surrounding habitats is particularly well shown. A range of scarce plants occur, including *Frangula alnus*, a Red Data species, as well as typical Burren species such as *Gentiana verna*. The site also has breeding *Vanellus vanellus*. The diversity of specialised habitats, all in good quality, in a relatively small area makes this site of particular importance.

### 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	H01.08		o
M	H02.06		b
L	B01		o
H	J02.01		i
M	A04.01.01		i
H	A10.01		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

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

### 4.5 Documentation

Colhoun, K. (1998). IWeBS Report 1997-98: Results of the Third Winter of the Irish Wetlands Bird Survey. IWC BirdWatch Ireland, Dublin. Coxon, C. (1986). A Study of the Hydrology and Geomorphology of Turloughs. Unpublished Ph.D. thesis. Trinity College Dublin. Goodwillie, R. (1992). Turloughs Over 10ha. Vegetation Survey and Evaluation. Unpublished report to the National Parks and Wildlife Service, Dublin. Madden, B. and Heery, S. (1999). Census of Wintering Wetland Birds in South Galway (Gort-Ardrahan Catchment) Winter 1998/99. Internal Report prepared for Dúchas the Heritage Service (National Parks and Wildlife). Praeger, R.L. (1934). The Botanist in Ireland. Hodges Figgis, Dublin. Southern Water Global Ltd. and Jennings O'Donovan and Partners (1997). An Investigation of the Flooding Problems in the Gort - Ardrahan Area of South Galway. Vols. I and II. Internal Report prepared for Dúchas the Heritage Service (National Parks and Wildlife) and for The Office of Public Works.

## 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.IE0000242

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).