



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 IE0000439
SITENAME Tory Hill SAC

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code IE0000439	Back to top
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1.3 Site name

Tory Hill SAC

1.4 First Compilation date 2001-09	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:	2001-09
Date site confirmed as SCI:	No data
Date site designated as SAC:	2016-06
National legal reference of SAC designation:	297/2016

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude -8.686141592 Latitude 52.53818369

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

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
6210B	X		3.85		M	A	C	B	B
7210B			1.54		M	B	C	B	C
7230B			1.54		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.

- **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		Ophrys apifera												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

4.1 General site character

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Habitat class	% Cover
N22	1.0
N07	5.0
N06	8.0
N08	15.0
N16	20.0
N10	46.0
N09	5.0
Total Habitat Cover	100

Other Site Characteristics

Tory Hill is an isolated limestone outcrop rising to 112 m. It is an excellent example of an end-moraine. Of particular geomorphological note are ice marks that are clearly visible on the solid rock of its northern flank. Soil is a coarse calcareous drift. Most of the hill is dominated by deciduous scrub and woodland, with a well developed heath-scrub complex occurring on its western flank. Some limestone pavement occurs in association with the calcareous grassland. Lough Nagirra is a small lake that is surrounded by swamp and fen vegetation and wet grassland.

4.2 Quality and importance

This site has an excellent diversity of habitats, all of good quality, over a relatively small area. The calcareous grassland and fen habitats which are represented at the site are rare in the county. The calcareous grassland is particularly species-rich and has some locally scarce species including *Arabis hirsuta* and *Ophrys apifera*. An area of limestone heath-scrub on the western flank of Tory Hill is remarkable for the occurrence of a stand of *Taxus baccata*, which is a feature now rare in Ireland. Tory Hill has geological and geomorphological importance and represents an excellent example of a landform that is rare outside of the Burren. The site has been the subject of palaeoecological investigations and has high educational potential.

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]
H	J02		b
M	A04.02.04		i
M	J02.01.03		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

4.4 Ownership (optional)

4.5 Documentation

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Andrieu, V., Huang, C.C., O'Connell, M. and Paus, A. (1993). Late-glacial vegetation and environment in Ireland: first results from four western counties. Quaternary Science Review, 12. O'Connell, M., Huang, C.C., Andrieu, V. and Paus, A. (1993). Fresh evidence for vegetation and climate change at the end of the Midlandian glaciation. In: Glacial Events. IQUA Annual Symposium 1993, pp.11-14. Irish Association for Quaternary Studies, Dublin. Ó Críodáin, C. (1992). Conservation of Grassland Habitats of Scientific Interest in Ireland. A Preliminary Report. Unpublished report, National Parks & 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:

- Yes
 No, but in preparation
 No

6.3 Conservation measures (optional)

7. MAP OF THE SITES

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INSPIRE ID:

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).