



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 IE0001669
SITENAME Knockalongy and Knockachree Cliffs SAC

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code IE0001669	Back to top
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1.3 Site name

Knockalongy and Knockachree Cliffs SAC

1.4 First Compilation date 1995-11	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

Date site proposed as SCI:	1998-05
Date site confirmed as SCI:	No data
Date site designated as SAC:	2016-05
National legal reference of SAC designation:	269/2016

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude

-8.7393

Latitude

54.2061

2.2 Area [ha]:

115.5500064

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[Back to top](#)**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
3110			11.14		M	D			
4010			22.27		M	D			
7130			3.34		M	D			
8210			1.11		M	D			
8220			5.57		M	D			

- **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.	Gl
B	A103	Falco peregrinus			p	1	1	p		G	C	B	C	B
P	1421	Trichomanes speciosum	Yes		p	2	2	colonies		G	C	A	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		Prunus padus						P			X			
P		Saxifraga aizoides						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

4.1 General site character

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Habitat class	% Cover
N08	34.0
N06	11.0
N16	1.0
N20	2.0
N07	11.0
N22	6.0
N10	35.0
Total Habitat Cover	100

Other Site Characteristics

The site comprises two separate areas on the north and south-east facing slopes of Knockachree and Knockalongy mountains. Both areas include a small lake at the foot of steeply-sloping cliffs on which acid grassland and wet heath vegetation predominates. Small areas of blanket bog occur about both lakes. Lough Minnaun at the southern end of the site is almost surrounded by planted coniferous forest. The site is underlain by acid gneiss and granitic rocks; the presence of base-rich minerals in some sections of the site is reflected by several elements of the flora.

4.2 Quality and importance

The importance of the site lies in the presence of the rare and protected *Trichomanes speciosum*, as well as several rare or scarce mountain and alpine plants, such as *Saxifraga aizoides* and *Thelypteris phegopteris*. The site provides the only habitat for these species in the Ox Mountains, where cliffs are very scarce.

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	B02		i
M	D02.01.02		i
M	B02		o
L	F03.01		i
M	A04.01.02		i
H	K01.01		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

Curtis, T.G.F., Goodwillie, R.N. and Young, R. (1978). Areas of Scientific Interest in Co. Sligo. Unpublished report to Sligo County Council. An Foras Forbartha, Dublin. Goodwillie, R.N. (1972). A Preliminary Report on Areas of Scientific Interest in County Sligo. Unpublished report to Sligo County Council. An Foras Forbartha, Dublin. Ní Dhúill, E., Smyth, N., Waldren, S. & Lynn, D. (2015). Monitoring methods for the Killarney Fern (*Trichomanes speciosum* Willd.) in Ireland. Irish Wildlife Manuals, No. 82. National Parks and Wildlife Service, Department of Arts, Heritage and the Gaeltacht, Ireland. Praeger, R.L. (1929). Killarney fern in Sligo, Irish Naturalists' Journal 2: 247.

6. SITE MANAGEMENT

6.2 Management Plan(s):

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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.IE0001669

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).