



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 IE0002122
SITENAME Wicklow Mountains SAC

TABLE OF CONTENTS

- [1. SITE IDENTIFICATION](#)
- [2. SITE LOCATION](#)
- [3. ECOLOGICAL INFORMATION](#)
- [4. SITE DESCRIPTION](#)
- [5. SITE PROTECTION STATUS](#)
- [6. SITE MANAGEMENT](#)
- [7. MAP OF THE SITE](#)

1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code IE0002122	Back to top
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1.3 Site name

Wicklow Mountains SAC

1.4 First Compilation date 1999-04	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:	2002-01
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

[Back to top](#)

2.1 Site-centre location [decimal degrees]:

Longitude

-6.377

Latitude

53.0851

2.2 Area [ha]:

32931.3756

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

IE02	Southern and Eastern
IE02	Southern and Eastern

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
3110B			254.514		M	A	C	B	A
3160B			329.46		M	A	C	B	B
4010B			8236.43		M	A	A	B	A
4030B			4941.86		M	A	A	B	A
4060B			329.46		M	B	B	B	B
6130B			4.3		G	A	A	A	A
6230B			329.46		M	C	C	B	C
7130B	X		8236.43		M	A	B	B	A

8110		329.46		M	A	B	A	A
8210		329.46		M	B	C	B	B
8220		329.46		M	B	B	B	B
91A0		329.46		M	A	B	C	A

- **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	A098	Falco columbarius			p	8	8	i		G	B	A	C	A
B	A103	Falco peregrinus			p	20	20	p		G	B	A	C	A
B	A322	Ficedula hypoleuca			r	1	2	p		G	A	A	B	A
M	1355	Lutra lutra			p				P	DD	C	B	C	B
B	A070	Mergus merganser			p	3	3	p	P	M	A	A	B	A
B	A274	Phoenicurus phoenicurus			r	2	3	p		G	A	A	B	A
B	A314	Phylloscopus sibilatrix			r	10	15	p		G	A	A	B	A
B	A275	Saxicola rubetra			r	10	10	p		G	C	B	C	B
B	A311	Sylvia atricapilla			r	50	100	p		G	C	A	C	B
B	A310	Sylvia borin			r	3	4	p		G	C	A	C	B
B	A282	Turdus torquatus			r	4	5	p		G	B	A	B	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)

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
P		Alchemilla alpina						P			X			
P		Asplenium billotii						P			X			
P		Cryptogramma crispera						P			X			
M		Erinaceus europaeus						P					X	
M		Erinaceus europaeus						P			X			
P		Hammarbya paludosa						P			X			
B		Lagopus lagopus						P					X	
M		Lepus timidus hibernicus						P				X		
M		Lepus timidus hibernicus						P					X	
M		Lepus timidus hibernicus						P			X			
M		Martes martes						P			X			
M		Meles meles						P					X	
M		Meles meles						P			X			
M		Myotis daubentoni						P					X	
M		Myotis daubentoni						P			X			
M		Myotis mystacinus						P			X			
M		Myotis mystacinus						P					X	
M		Myotis nattereri						P					X	
M		Myotis nattereri						P			X			
P		Nitella gracilis						P			X			
M		Nyctalus leisleri						P					X	

M		Nyctalus leisleri						P			X			
I		Oreopteris limbosperma						P						X
M		Pipistrellus pipistrellus						P				X		
M		Pipistrellus pipistrellus						P			X			
M		Plecotus auritus						P			X			
M		Plecotus auritus						P				X		
P		Pseudorchis albida						P			X			
I		Quercusia quercus						P						X
A		Rana temporaria						P				X		
A		Rana temporaria						P			X			
F		Salvelinus alpinus						P			X			
P		Saussurea alpina						P			X			
M		Sciurus vulgaris						P				X		
A		Triturus vulgaris						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

[Back to top](#)

Habitat class	% Cover
N23	1.0
N10	20.0
N07	26.0
N06	2.0

N20	1.0
N16	1.0
N19	1.0
N22	3.0
N08	45.0
Total Habitat Cover	100

Other Site Characteristics

An extensive upland site comprising much of the Wicklow Mountains and extending into Co. Dublin. The solid geology is mainly Leinster granites, flanked by Ordovician schists, mudstones and volcanics. The area has been glaciated and features fine examples of high corrie lakes, deep valleys and moraines. Most of the site is over 300m, with much ground over 600m and the highest peak of Lugnaquilla at 925m. The site includes the headwaters of several major rivers, including the Liffey, the Dargle and the Slaney. The substrate over much of the site is peat, with poor mineral soil on the slopes and lower ground. Exposed rock and scree is a feature. The dominant habitats on the site are blanket bog, heaths and upland grassland.

4.2 Quality and importance

The site comprises the largest complex of upland habitats in eastern Ireland, with important examples of blanket bog, wet heath and dry heath, extensive in area and mostly of good quality. Alpine heath occurs at high levels, along with calcareous and siliceous rocky habitats harbouring an arctic-alpine flora. A fine series of oligotrophic lakes occur and some have *Salvelinus alpinus*. Several oakwoods of moderate quality, typical of the dry acidic woods of eastern Ireland, are found. Seven Red Data Book plant species occur, including the rare *Alchemilla alpina* and *Nitella gracilis* at its only Irish station. The site supports significant populations of breeding *Falco columbarius* and *Falco peregrinus*. The site is important for rare breeding passerines of oakwoods, notably *Phoenicurus phoenicurus* and *Phylloscopus sibilatrix*. The site also has breeding *Turdus torquatus* and *Lagopus lagopus*. *Lutra lutra* occurs on several of the riverine systems.

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]
L	F04.02		i
L	A05.02		i
M	G01.02		b
M	A04		b
L	G01.04		b
M	G01		b
M	K04.05		i
M	G05.04		i
M	G04.01		b
M	G05.07		b
H	I01		b
L	G05.06		i
L	E03.01		i
M	C01.03		i
L	G02.09		i
H	B06		i
M	F03.02.02		b
M	D01.01		b
H	J01.01		b
M	E01		b
H	G01.03.02		b

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]
H	G05.09		i
H	B02.05		i

H	K01.01		i
M	G05.01		b
L	L05		i
M	F03		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

Brunker, J.P. (1950). Flora of County Wicklow. Dundalgan Press, Dundalk. Bowman, J.J., Clabby, K.J., Lucey, J., McGarrigle, M.L. and Toner, P.H. (1996). Water Quality in Ireland 1991-1994. Environmental Protection Agency, Wexford. Bradshaw, R. and McGee, E. (1988). The extent and time course of mountain blanket peat erosion in Ireland. *New Phytologist* 103: 219-224. Clabby, K.J., Lucey, J., McGarrigle, M.L., Bowman, J.J., Flanagan, P.J. and Toner, P.F. (1992). Water Quality in Ireland 1987-1990. Part One General Assessment. Environmental Research Unit, Dublin. Coombes, R.H. (1995). Goosanders breeding in County Wicklow. *Irish East Coast Bird Report* 1994. 74-76. Cross, J.R. (1982). Conservation Report on the Glenealo River Catchment, Glendalough, Co. Wicklow. Unpublished report to the Forest and Wildlife Service Dublin. Curtis, T.G.F. (1976). A Preliminary report on Areas of Scientific Interest in County Wicklow. Unpublished report prepared for Wicklow County Council. An Foras Forbartha, Dublin. Curtis, T.G.F. and McGough, H.N. (1988) *The Irish Red Data Book: 1 Vascular Plants*, Stationary Office, Dublin. Fagan, S. (1986). Pied Flycatchers breeding in Co. Wicklow, 1985. *Irish Birds* 3: 282-283. Flanagan, P.J. & Toner, P.F. (1975). A Preliminary Survey of Irish lakes. An Foras Forbartha, Water Resources Division. Haine, J.C. (1990) The breeding status of the Peregrine Falcon in County Wicklow in 1989. *Irish East Coast Bird Report* 1989. 60-65. Heuff, H. (1984) *The Vegetation of Irish Lakes*. Unpublished report to the Wildlife Service, Dublin. McEvoy, T. (1943). *Some Irish Woodlands: An Ecological Study*. M.Sc. Thesis. National University of Ireland. Mooney, E. and Goodwillie, R. (1991). Mountain Blanket Bog Survey 1991. Unpublished report to the National Parks and Wildlife Service, Dublin. Neff, M. (1970). Conservation Report on Glendalough, Co. Wicklow. Unpublished report, Forest and Wildlife Service, Dublin. Praeger, R.L. (1934). *The Botanist in Ireland*. Hodges and Figgis, Dublin. Ryan, C. (1992) Red grouse at Liffey Head Bog, County Wicklow. *Irish East Coast Bird Report* 1991. 82-85. Stewart, N. (Undated). Bryophyte and Lichen Reports. Unpublished reports to the National Parks and Wildlife Service, Dublin. Stewart, N. and Church, I. (1992). *Red Data Books of Britain and Ireland: Stoneworts*. JNCC, Peterborough. Wilde, A. (1993). *Irish Red Data Book 2: Vertebrates*, HMSO, Belfast. Whittow, J.B. (1975). *Geology and Scenery in Ireland*. Penguin Books Ltd, Harmondsworth. Wilson, H.J. (1977). Some breeding bird communities of Sessile Oak (*Quercus petraea*) woodlands in Ireland. *Polish Ecological Studies* 3 (4): 245-256.

5. SITE PROTECTION STATUS (optional)

[Back to top](#)

5.1 Designation types at national and regional level:

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IE03	50.0	IE01	6.0		

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IE01	Glenealo Valley Nature Reserve	+	6.0
IE01	Glendalough Nature Reserve	+	1.0
IE03	Wicklow Mountains National Park	*	50.0

designated at international level:

Type	Site name	Type	Cover [%]
Other	Wicklow Mountains Special Protection Area	*	47.0

6. SITE MANAGEMENT

[Back to top](#)

6.2 Management Plan(s):

An actual management plan does exist:

- Yes
 No, but in preparation
 No

7. MAP OF THE SITES

[Back to top](#)

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).