



# 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 IE0001403  
SITENAME Arroo Mountain SAC

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## 1. SITE IDENTIFICATION

<b>1.1 Type</b> B	<b>1.2 Site code</b> IE0001403	<a href="#">Back to top</a>
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### 1.3 Site name

Arroo Mountain SAC
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<b>1.4 First Compilation date</b> 1995-11	<b>1.5 Update date</b> 2018-09
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### 1.6 Respondent:

<b>Name/Organisation:</b>	National Parks and Wildlife Service, Department of Culture, Heritage and the Gaeltacht
<b>Address:</b>	90 King Street North, Dublin 7, D07 N7CV, Ireland
<b>Email:</b>	datadelivery@chg.gov.ie

<b>Date site proposed as SCI:</b>	1997-11
<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**  
-8.230581991

**Latitude**  
54.3849773

**2.2 Area [ha]:**  
3966.188137

**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

### 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
4010			304.3905		G	A	B	A	B
4030			363.3628		G	C	C	C	C
4060			117.0068		G	B	C	A	B
7130	X		2174.9406		G	C	C	B	C
7220			0.8698		G	B	C	B	B
8120			21.4191		G	C	C	B	C
8210			6.5779		G	A	C	A	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

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	A103	<a href="#">Falco peregrinus</a>			p	1	1	p		G	C	A	C	C
B	A140	<a href="#">Pluvialis apricaria</a>			r	1	1	p		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		<a href="#">Barbula maxima</a>						P						X	
P		<a href="#">Dicranella grevilleana</a>						P						X	
P		<a href="#">Draba incana</a>						P			X				
P		<a href="#">Gymnostomum insigne</a>						P						X	
B		<a href="#">Lagopus lagopus</a>						P					X		
M		<a href="#">Lepus timidus hibernicus</a>						P				X			
M		<a href="#">Lepus timidus hibernicus</a>						P					X		
M		<a href="#">Lepus timidus hibernicus</a>						P		X					

P		<a href="#">Mnium thomsonii</a>						P							X	
P		<a href="#">Orthothecium rufescens</a>						P								X
P		<a href="#">Plagiothecium curvifolium</a>						P								X
A		<a href="#">Rana temporaria</a>						P			X					
A		<a href="#">Rana temporaria</a>						P					X			
P		<a href="#">Salix phylicifolia</a>						P			X					
P		<a href="#">Saxifraga aizoides</a>						P			X					
P		<a href="#">Saxifraga oppositifolia</a>						P								X
P		<a href="#">Seligeria oelandica</a>						P								X
P		<a href="#">Seligeria trifaria</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
N08	50.0
N16	1.0
N22	1.0
N07	40.0
N10	4.0
N09	3.0
N06	1.0
<b>Total Habitat Cover</b>	<b>100</b>

### Other Site Characteristics

A large mountain complex comprised of blanket bog, wet and dry heath, humid and dry calcareous grassland, flushes, streams, small lakes, wooded ravines, limestone gorges, limestone scree and steep limestone cliffs which have developed on the sides and summit of an undulating plateau of carboniferous limestone overlain by shale. Post-glacial slippage of sections of cliff has formed an interesting geomorphological feature at the

northern end of the site. Numerous swallow holes are found on the plateau. The site includes several megalithic monuments and tombs of archaeological interest.

#### 4.2 Quality and importance

The north-facing limestone cliffs of Arroo Mountain and the 'slips' below them are very important for the rich arctic-alpine vascular plant and bryophyte floras they support. A number of very rare species are found springs and flushes, some of which have tufa formations, occur amongst the calcareous rocky habitats. The main interest of the summit vegetation lies with the extensive area of good quality, almost intact wet heath found there; here also are found several good, but small, examples of intact mountain blanket bog. Falco peregrinus nest on the cliffs, while Pluvialis apricaria on blanket bog in the north-eastern section of the plateau.

#### 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	B02		b
L	C01.01.01		i
M	K01.01		i
H	C01.03.02		i
L	C01.03.01		i
L	J01.01		i
L	L05		i
L	G01.03.02		i
L	I01		i
L	D01.01		i

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]
L	B02		b
M	A04.02.02		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

Unpublished report to Leitrim County Council, An Foras Forbartha, Dublin. Barrington, R.M. and Vowell, R.P. (1885). Report on the flora of Ben Bulbin and the adjoining mountain range in Sligo and Leitrim, Proceedings of the Royal Irish Academy. 2nd series. 4: 493-517. Conaghan, J. and Fuller, J. (2005). A survey of Rare and Threatened Vascular Plants in County Leitrim. A Report to the National Parks and Wildlife Service, Dublin. Douglas, C., Dunnells, D., Scally, L. and Wyse Jackson, M.B. (1990). A Survey to Locate Lowland-Highland Blanket Bogs of Scientific Interest in Counties Donegal, Cavan, Leitrim and Roscommon. Unpublished report to the Wildlife Service, Office of Public Works, Dublin. Goodwillie, R.N. (1978). Areas of Scientific Interest in County Leitrim. Stelfox, A.W. (1965). Salix hibernica Rechinger f., Irish Naturalists' Journal 15: 25-29. Synnott, D.M. (1984). Notes on Salix phylicifolia L. and related Irish willows, Glasra 7: 1-10.

## 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.IE0001403

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).