



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 IE0002031
SITENAME The Twelve Bens/Garraun Complex SAC

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code IE0002031	Back to top
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1.3 Site name

The Twelve Bens/Garraun Complex 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

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:	1998-05
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 -9.854337493 Latitude 53.53422727

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

IE01	Border, Midland and Western
IEZZ	Extra-Regio

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			970.2		M	A	B	A	A
3130B			692.156906		M	C	C	C	C
4060B			161.7		M	B	B	B	B
7130B	X		7114.84		M	B	B	C	C
7150B			161.7		M	A	C	B	A
8110B			161.7		M	A	B	A	A
8210B			161.7		M	A	B	A	A
8220B			323.4		M	A	B	A	A
91A0B			161.7		M	A	B	B	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	A103	Falco peregrinus			p	3	3	p		G	C	A	C	B
M	1355	Lutra lutra			p				P	DD	C	A	C	A
I	1029	Margaritifera margaritifera			p				P	DD	B	B	B	B
P	1833	Najas flexilis			p				P	DD	B	A	C	A
F	1106	Salmo salar			p				C	DD	C	B	C	B

- **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		Agrostemma githago						P			X			
I		Conops vesicularis						P						X
P		Cryptogramma crispa						R			X			
I		Ctenophora atrata						P						X
I		Epistrophe nitidicollis						P						X
M		Lepus timidus hibernicus						P			X			
M		Lepus timidus hibernicus						P				X		
M		Lepus timidus hibernicus						P					X	
P		Lycopodiella inundata						P			X			
P		Omalotheca sylvatica						P			X			
P		Pilularia globulifera						P			X			
P		Polystichum lonchitis						P			X			
A		Rana temporaria						P					X	
A		Rana temporaria						P			X			
F		Salvelinus alpinus						P			X			
P		Saussurea alpina						P			X			
I		Stethophyma grossum						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

N16	1.0
N06	7.0
N04	1.0
N07	46.0
N10	1.0
N01	1.0
N22	9.0
N08	34.0
Total Habitat Cover	100

Other Site Characteristics

An extensive area incorporating the predominantly quartzite mountains of the Twelve Bens and encompassing a range of habitat types, including blanket bog, oligotrophic lakes, heath, exposed rock and scree, acid grassland and remnants of oak woodland. The northern part of the site is bounded by coastline and includes rocky shore and small areas of sandy beach, machair, tidal river, mud flats and saltmarsh. Several river headstreams are also within the site.

4.2 Quality and importance

One of the largest and most varied sites of conservation interest in Ireland, including the scenically renowned Twelve Bens mountain range, which support extensive areas of blanket bog, heath and exposed rock and a range of arctic-alpine plants. Rhynchosporion vegetation is well represented in the wet areas of blanket bog. The suite of lowland lakes that encircle the mountains represent some of the finest oligotrophic lakes in the country and support several rare species such as *Pilularia globulifera* and populations of *Salvelinus alpinus*. The site also has a significant population of *Lutra lutra*, and an important population of *Salmo salar*. The site includes a large portion of the Connemara National Park and a National Nature Reserve at Derryclare Wood. Additional areas are included in the site under EU LIFE funded restoration projects.

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	G01.04		i
M	I01		b
L	E01.03		o
M	C01.03.02		b
M	B02.01.02		o
M	B04		o
L	J01.01		i
L	G05.01		i
L	G05.09		i
L	G01.02		i
H	A04.01.02		i
L	D01.05		b
M	H01.05		b
L	C01.03.01		i

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside /outside [i o b]
L	A04.02.01		i
L	A04.02.04		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

Central Fisheries Board (2001). Irish Salmon Catches 2000. <http://www.cfb.ie/>: February 2001. Doris, Y., McGarrigle, M.L., Clabby, K.J., Lucey, J., Neill, M., Flanagan, M., Quinn, M.B. & Lehane, M., (eds.) (1999). Water Quality in Ireland 1995-1997. Statistical compendium of River Quality Data, Environmental Protection Agency. Douglas, C., Garvey, L., Kelly, L. and O'Sullivan, A. (1989). A Survey to Locate Blanket Bogs of Scientific Interest in County Galway, Part 2. Unpublished report to the Wildlife Service, Dublin. Douglas, C. and Grogan, (1987). A Survey to Locate Lowland Blanket Bogs of Scientific Interest in Connemara, County Galway. Unpublished report to the Wildlife Service, Dublin. Ferguson, D.K. and Westhoff, V. (1987). An Account of the Flora of Derryclare Wood, Connemara, (Co. Galway), Western Ireland. Proceedings of The Koninklijke Nederlandse Akademie van Wetenschappen, C90 (2) : 139-172. Folan, A.C.M. and Mitchell, M.E. (1970). The Lichens and Lichen

Parasites of Derryclare Wood, Connemara. Proceedings Of The Royal Irish Academy, Section B, 70 (7) : 163-170. Heuff, H. (1984). The Vegetation of Irish Lakes. Unpublished report to the Wildlife Service, Dublin. McGarrigle, M.L., Bowman, J.J., Clabby, K.J., Lucey, J., Cunningham, P., MacCarthaigh, M., Keegan, M., Cantrell, B., Lehane, M., Clenaghan, C. and Toner, P.F. (2002). Water Quality in Ireland 1998-2000. Environmental Protection Agency, Wexford. Neff, M. (1972). Conservation Report. Derryclare Wood, Ballinahinch Forest, Co Galway. Internal Report to Forest & Wildlife Service. O'Reilly, P. (1991). Trout and Salmon Rivers of Ireland: an angler's guide. Merlin Unwin Books, London. Quinn, A.C.M. (1971). Areas of Scientific Interest in County Galway. Unpublished preliminary report prepared for Galway County Council. An Foras Forbartha, Dublin. Roden, C.M. (1986). A Survey of the Flora of some Mountain Ranges in the West of Ireland. Irish Naturalists' Journal, 22 (2) : 52-59. Scannell, M.J.P. and White, J. (1975). Cryptogramma crispa In West Galway. Irish Naturalists' Journal, 18 : 336. Tangney, D.E. & Fairley, J.S. (1994). Otter signs and diet in Connemara National Park and its environs. Irish Naturalists' Journal 24: 434 -440. Webb, D.A. and Scannell, M.J.P. (1983). Flora of Connemara and the Burren. Royal Dublin Society and Cambridge University Press, Cambridge.

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IE03	13.0	IE01	1.0		

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IE03	Connemara National Park	*	13.0
IE01	Derryclare Nature Reserve	+	1.0

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:

<input type="checkbox"/>	Yes
<input type="checkbox"/>	No, but in preparation
<input checked="" type="checkbox"/>	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).