



# 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 IE0000297  
SITENAME Lough Corrib SAC

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## 1. SITE IDENTIFICATION

<b>1.1 Type</b> B	<b>1.2 Site code</b> IE0000297	<a href="#">Back to top</a>
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### 1.3 Site name

Lough Corrib SAC
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<b>1.4 First Compilation date</b> 1998-01	<b>1.5 Update date</b> 2015-12
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### 1.6 Respondent:

<b>Name/Organisation:</b>	National Parks and Wildlife Service, Department of Arts, Heritage and the Gaeltacht
<b>Address:</b>	7 Ely Place, Dublin 2, Ireland
<b>Email:</b>	datadelivery@ahg.gov.ie

<b>Date site proposed as SCI:</b>	1998-05
<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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-9.182432891

53.44109554

25233.061603

0.0

0.0

Region Name

Atlantic (%)

### 3. ECOLOGICAL INFORMATION

### 3.1 Habitat types present on the site and assessment for them

[illegible]

7210			252.48		M	A	B	B	B
7220			252.48		M	C	C	B	B
7230			252.48		M	A	C	B	B
8240			252.48		M	A	C	B	B
91A0			252.48		M	A	B	B	A
91D0			1.22		G	A	B	A	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.	G
B	A056	<a href="#">Anas clypeata</a>			w				P	M	C	A	C	B
B	A052	<a href="#">Anas crecca</a>			w				P	M	C	A	C	C
B	A050	<a href="#">Anas penelope</a>			w				P	M	C	B	C	C
B	A053	<a href="#">Anas platyrhynchos</a>			w				P	M	C	A	C	C
B	A051	<a href="#">Anas strepera</a>			w				P	M	C	A	C	B
B	A395	<a href="#">Anser albifrons flavirostris</a>			w				P	M	B	B	C	A
I	1092	<a href="#">Austropotamobius pallipes</a>			p				P	M	C	A	C	A
B	A059	<a href="#">Aythya ferina</a>			w				P	M	A	A	C	A
B	A061	<a href="#">Aythya fuligula</a>			w				P	M	B	A	C	B
B	A067	<a href="#">Bucephala clangula</a>			w				P	M	C	A	C	B
B	A036	<a href="#">Cygnus olor</a>			w				P	M	C	B	C	C
P	1393	<a href="#">Drepanocladus vernicosus</a>			p	3725	3725	area	P	G	B	A	C	A
B	A125	<a href="#">Fulica atra</a>			w				P	M	A	A	C	A
F	1096	<a href="#">Lampetra planeri</a>			p				P	M	C	A	C	A
M	1355	<a href="#">Lutra lutra</a>			p				P	M	C	A	C	A

I	1029	<a href="#">Margaritifera margaritifera</a>			p				P	M	C	A	C	A
B	A065	<a href="#">Melanitta nigra</a>			r	40	40	p		G	A	B	B	A
B	A069	<a href="#">Mergus serrator</a>			w				P	M	C	C	C	C
P	1833	<a href="#">Najas flexilis</a>			p				P	M	B	A	C	B
B	A160	<a href="#">Numenius arquata</a>			w				P	M	C	B	C	C
F	1095	<a href="#">Petromyzon marinus</a>			r				P	M	C	B	C	B
B	A017	<a href="#">Phalacrocorax carbo</a>			w				P	M	C	B	C	C
M	1303	<a href="#">Rhinolophus hipposideros</a>			p				P	M	C	B	B	B
F	1106	<a href="#">Salmo salar</a>			r				C	M	C	A	C	A
B	A193	<a href="#">Sterna hirundo</a>			r	37	37	p		G	C	B	C	B
B	A194	<a href="#">Sterna paradisaea</a>			r	60	60	p		G	B	B	C	B
B	A142	<a href="#">Vanellus vanellus</a>			w				P	M	C	B	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
I		<a href="#">Corynocera ambigua</a>												X
P		<a href="#">Eriophorum gracile</a>									X			
P		<a href="#">Frangula alnus</a>									X			
P		<a href="#">Potentilla fruticosa</a>									X			
P		<a href="#">Spiranthes romanzoffiana</a>									X			
P		<a href="#">Vicia orobus</a>									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
N16	1.0
N09	1.0
N19	1.0
N17	1.0
N07	3.0
N22	1.0
N08	3.0
N14	4.0
N06	85.0
<b>Total Habitat Cover</b>	<b>100</b>

### Other Site Characteristics

Lough Corrib is situated directly north of Galway city and is the second largest lake in Ireland. The lake supports extensive Chara beds, many wooded islands and large areas of swamp and fen in the shallow south-east section which lies on limestone. The north-west part is deeper, wider and more oligotrophic. Shore is mainly karst, bog and small areas of callow. The surroundings are farmland and holiday-home areas. Most of the main rivers and their tributaries which flow into the lake are included within the site, including the Abbert, Clare, Cong, Cornamona, Dalgan, Drimeen, Grange, Owenwee, Owenriff and Sinking rivers. The River Corrib flows from the southern point of the lough into the sea at Galway city.

### 4.2 Quality and importance

The site is of immense importance for the occurrence of scarce and specialised habitats, as well as animal and plant species. Lough Corrib is the second largest oligotrophic lake in the country and is a superb example of a hardwater system. The site holds 14 Annex I habitats, 6 of these are priority Annex I habitats of the EU Habitats Directive, 5 Red Data Book plant species, also Drepanocladus vernicosus and Lutra lutra, and a rare chironomid Corynorera ambigua, good populations of Margaritifera margaritifera, Austropotamobius pallipes, Petromyzon marinus and Lampetra planeri. The site also supports an important population of Salmo salar. Important for wintering and breeding birds with Anser albifrons flavirostris, Sterna hirundo and Sterna paradisea.

### 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]

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]
H	H01.08		o

H	A02.01		b
H	H01.08		o
M	B01		b
M	J02.15		b
H	I01		i
L	C01.01		o
M	E01.03		i
M	D03.01.02		i
H	C01.03.02		i
L	E03.01		i
M	A08		b
M	A04.03		i
M	A10.01		i
M	J02.01.03		i
M	D01		i
H	G05		i
M	E01.01		o

H	A04		i
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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

Bowman, K.J., Clabby, K.J., Lucey, J., McGarrigle, M.L. and Toner, P.F. (1996). Water Quality in Ireland 1991-1994. Environmental Protection Agency. Wexford. Breathnach, S. and Fairley, J.S. (1993). The diet of otters *Lutra lutra* (L.) in the Clare River system. *Biology and Environment* 93B: 151-158. Byrne, C., Igoe, F., Cooke, D., O'Grady, M. & Gargan, P. (2000). The distribution of the brook lamprey (*Lampetra planeri*, Bloch) in the Lough Corrib catchment in the west of Ireland and some aspects of its biology and ecology. *Verhandlungen-Proceedings-Travaux: International Association of Theoretical and Applied Limnology* 27 (4): 2066-2070. Central Fisheries Board (2001). Irish Salmon Catches 2000. <http://www.cfb.ie/>: February 2001. Curtis, T.F.G. and McGough, H.N. (1988). The Irish Red Data Book 1: Vascular Plants. Government Publications, Stationery Office. Dublin. Delaney, S. (1997). IWeBS Report 1995-96: Results from the second winter of the Irish Wetlands Bird Survey. BirdWatch Ireland, Dublin. Doris, Y., McGarrigle, M.L., Clabby, K.J., Lucey, J., Neill, M., Flanagan, M., Quinn, M.B. and Lehane, M.(eds.). (1999). Water Quality in Ireland 1995-97. Statistical compendium of River Quality Data, Environmental Protection Agency. Doris, Y., Clabby, K.J., Lucey, J. and Lehane, M. (2002). Water Quality in Ireland 1998-2000. Statistical Compendium of River Quality Data. Electronic Publication on Disk. Environmental Protection Agency, Wexford. Flanagan, P.J. and Toner, P.F. (1975). A Preliminary Survey of Irish Lakes. A.F.F., Dublin. Hannon, C. (1997). The 1995 All Ireland Tern Survey. Unpublished Report, BirdWatch Ireland. Heuff, H. (1984). The Vegetation of Irish Lakes. Internal report, Forest and Wildlife Service, Dublin. Igoe, F., O'Grady, M., Byrne, C., Gargan, P., Roche, W. and O'Neill, J. (2001). Evidence for the recent extinctions of two Arctic charr *Salvelinus alpinus* (L.) populations in the west of Ireland, *Aquatic Conservation: Marine and Freshwater Ecosystems* II : 77-92 Irish Fisheries, (2001). Irish fisheries angling reports. <http://www.irishfisheries.com/>: 18th January 2001. Kelly, F.L. and King, J.J. (2001). A review of the ecology and distribution of three lamprey species, *Lampetra fluviatilis* (L.), *Lampetra planeri* (Bloch) and *Petromyzon marinus* (L.) : a context for conservation and biodiversity considerations in Ireland. *Biology and Environment* 101B: 165-185. Kelly, L., Dromey, M., and Doak, M. (1995). Raised Bog Restoration Project: An investigation into the Conservation and Restoration of Selected Raised Bogs Sites in Ireland. Unpublished report to the National Parks and Wildlife Service, Dublin. Krause, W.R. and King, J.J. (1994). The ecological status of Lough Corrib, Ireland, as indicated by physiographic factors, water chemistry and macrophytic flora. *Vegetatio* 110: 149-161. 1994. Kurz, I. and Costello, M.J. (1996). Current Knowledge on the Distribution of Lampreys, and some other Freshwater Fish Species listed in the Habitats Directive, in Ireland. Internal report to National Parks and Wildlife. Lucey, J., Bowman, J.J., Clabby, K.J., Cunningham, P., Lehane, M., MacCarthaigh, M., McGarrigle, M.L., Toner, P.F. (1999). Water Quality in Ireland 1995-97. Environmental Protection Agency. Lucey, J. and McGarrigle, M.L. (1987). The distribution of the Crayfish in Ireland. *Irish Fisheries Investigations. Series A (Freshwater), No. 29*. McFadden, Y.T. and Fairley, J.S. (1984). Food of otters *Lutra lutra* (L.) in an Irish limestone river system with special reference to the crayfish *Austropotamobius pallipes* (Lereboullet). *Journal of Life Sciences, Royal Dublin Society* 5: 65-76. 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. Mooney, E.P. and O'Connell, M., (1990). The

phytosociology and ecology of the aquatic and the wetland plant communities of the Lower Corrib Basin, Co. Galway. Proceedings of the Royal Irish Academy 90B (5). Moorkens, E. (1995). Mapping of proposed SAC rivers for *Margaritifera margaritifera*. An internal report for the NPW 1995. O'Reilly, P. (1991). Trout and salmon rivers of Ireland: an angler's guide. Merlin Unwin Books, London. Roden, C. (1979). The vascular flora and vegetation of some of the Islands of Loch Corrib. Royal Irish Academy. Vol. 79, B, No. 18. Sheppard, R. (1993). Irelands Wetland Wealth: the birdlife of the Estuaries, Lakes, Coasts, Rivers, Bogs and Turloughs of Ireland. Irish Wildbird Conservancy. Stewart, N.F. and Church, J.M. (1992). Red Data Book of Britain and Ireland: Stoneworts. Joint Nature Conservation Committee. Western Regional Fisheries Board (2001). Historical Catches on the Galway Fishery. <http://www.wrfb.ie/>: January 2001. Whilde, A. (1993). Threatened Mammals, Birds, Amphibians and Fish in Ireland. Irish Red Data Book 2: Vertebrates. HMSO. Belfast.

## 5. SITE PROTECTION STATUS (optional)

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### 5.1 Designation types at national and regional level:

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IE11	93.0				

### 5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IE11	River Corrib and Lough Corrib	+	93.0

designated at international level:

Type	Site name	Type	Cover [%]
Other	Lough Corrib	+	93.0

## 6. SITE MANAGEMENT

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### 6.2 Management Plan(s):

An actual management plan does exist:

- ☐ Yes  
☐ No, but in preparation  
☒ No

## 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).