

NATURA 2000
STANDARD DATA FORM

FOR SPECIAL PROTECTION AREAS (SPA)

FOR SITES ELIGIBLE FOR IDENTIFICATION AS SITES OF
COMMUNITY IMPORTANCE (SCI)

AND

FOR SPECIAL AREAS OF CONSERVATION (SAC)

1. SITE IDENTIFICATION

<i>1.1. TYPE</i>	<i>1.2. SITE CODE</i>	<i>1.3. COMPILATION DATE</i>	<i>1.4. UPDATE</i>
B	IE0000090	199508	

1.5. RELATION WITH OTHER NATURA 2000 SITES:

1.6. RESPONDENT(S):

National Parks & Wildlife Service of the Department of the Environment, Heritage and Local Government. 7 Ely Place, Dublin 2, Ireland.

1.7. SITE NAME:

Glengarriff Harbour and Woodland

1.8. SITE INDICATION AND DESIGNATION/CLASSIFICATION DATES:

DATE SITE PROPOSED AS ELIGIBLE AS SCI:

DATE CONFIRMED AS SCI:

199805

DATE SITE CLASSIFIED AS SPA:

DATE SITE DESIGNATED AS SAC:

2. SITE LOCATION

2.1. SITE CENTRE LOCATION

LONGITUDE

W 9 34 13

W/E (Greenwich)

LATITUDE

51 45 4

2.2. AREA (HA):

1305.78

2.3. SITE LENGTH (KM):

2.4. ALTITUDE (M):

MINIMUM

-10

MAXIMUM

97

MEAN

15

2.5. ADMINISTRATIVE REGION:

NUTS CODE

IE025

REGION NAME

South-West (IRL)

% COVER

51

Marine area not covered by a NUTS-region

4

2.6. BIOGEOGRAPHIC REGION:

Alpine

Atlantic

Boreal

Continental

Macaronesian

Mediterranean

3. ECOLOGICAL INFORMATION

3.1. HABITAT types present on the site and assessment for them:

ANNEX I HABITAT TYPES:

CODE	%COVER	REPRESENTATIVITY	RELATIVE SURFACE	CONSERVATION STATUS	GLOBAL ASSESSMENT
91A0	14	A	B	A	A
91E0	1	B	B	B	B

3.2. SPECIES

covered by Article 4 of Directive 79/409/EEC

and

listed in Annex II of Directive 92/43/EEC

and

site assessment for them

3.2.a. BIRDS listed on Annex I of Council directive 79/409/EEC

CODE	NAME	POPULATION			SITE ASSESSMENT		
		Resident	Migratory		Population	Conservation	Isolation
		Breed	Winter	Stage			
A194	Sterna paradisaea	6	p		C	B	C

3.2.b. Regularly occurring Migratory Birds not listed on Annex I of Council directive 79/409/EEC**3.2.c. MAMMALS listed on Annex II of Council directive 92/43/EEC**

CODE	NAME	POPULATION			SITE ASSESSMENT		
		Resident	Migratory		Population	Conservation	Isolation
		Breed	Winter	Stage			
1365	Phoca vitulina	226	i		B	A	C
1303	Rhinolophus hipposideros	228	114		C	A	B
1355	Lutra lutra	P			C	A	C

3.2.d. AMPHIBIANS and REPTILES listed on Annex II of Council directive 92/43/EEC**3.2.e. FISHES listed on Annex II of Council directive 92/43/EEC****3.2.f. INVERTEBRATES listed on Annex II of Council directive 92/43/EEC**

Site code: IE0000090

NATURA 2000 Data Form

CODE	NAME	POPULATION			SITE ASSESSMENT		
		Resident	Migratory		Population	Conservation	Isolation
		Breed	Winter	Stage			
1024	Geomalacus maculosus	P			B	B	C

3.2.g. PLANTS listed on Annex II of Council directive 92/43/EEC

3.3. Other Important Species of Flora and Fauna

GROUP		SCIENTIFIC NAME	POPULATION	MOTIVATION				
B	M	A	R	F	I	P		
		P	Bromus racemosus	P				A
		P	Cephalanthera longifolia	P				A
	M		Meles meles	P				A
B			Cinclus cinclus hibernicus	P				B
		I	Cordulia aenea	P				D
		I	Cimbex connata	P				D
		I	Strangalia aurulenta	P				D
		I	Tabanus sudeticus	P				D
		I	Stethophyma grossum	P				D
		I	Lasius fuliginosus	P				D
		I	Laptura aurilenta	P				D
		I	Microdon analis	P				D
		I	Hybonutra mohlfeldi	P				D
		I	Calypteryx virgo	P				D

(B = Birds, M = Mammals, A = Amphibians, R = Reptiles, F = Fish, I = Invertebrates, P = Plants)

4. SITE DESCRIPTION

4.1. GENERAL SITE CHARACTER:

Habitat classes	% cover
Marine areas, Sea inlets	42
Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins)	1
Shingle, Sea cliffs, Islets	1
Inland water bodies (Standing water, Running water)	3
Bogs, Marshes, Water fringed vegetation, Fens	2
Heath, Scrub, Maquis and Garrigue, Phygrana	3
Humid grassland, Mesophile grassland	5
Improved grassland	1
Broad-leaved deciduous woodland	21
Artificial forest monoculture (e.g. Plantations of poplar or Exotic trees)	15
Inland rocks, Scree, Sands, Permanent Snow and ice	6
Total habitat cover	100 %

Other site characteristics

A wooded glacial valley opening out into a sheltered bay with rocky islets. Underlying rock is Old Red Sandstone, with soils varying from acid brown earths to alluvial brown earths and peat. Hyper-oceanic climate. Site supports a complex mosaic of terrestrial habitats, mostly old oak woodland, conifer plantations and complexes of rock outcrop, heath and scrub, blanket bog, Molinia grassland and rivers and streams. The sheltered bay is highly indented with many islets and a rocky shoreline.

4.2. QUALITY AND IMPORTANCE:

Exceptional diversity of high quality semi-natural and natural habitats. Extensive hyper-oceanic oak woods, with *Arbutus unedo* and *Taxus baccata*, have well developed bryophyte and lichen florae, and support important, species-rich invertebrate fauna, including *Geomalacus maculosus* and several rarities. Good examples of alluvial forests occur along the Glengarriff and Coomarkane rivers. Rocky islets in the harbour support one of the largest colonies of *Phoca vitulina* in Ireland, and contain a small breeding colony of *Sterna paradisaea*. The site supports a population of *Lutra lutra*. The site is one of the most important in the south-west for *Rhinolophus hipposideros* and includes three summer and three winter roosts, the numbers at one of which exceed the summer and winter thresholds for international importance. The quality and extent of the oakwoods, and the diversity of habitats and species, including many rarities, make the site of international importance.

4.3. VULNERABILITY

This is a highly scenic amenity area, vulnerable to disturbance. It encompasses the popular gardens on Garnish Island. The woodlands are threatened by invading *Rhododendron ponticum*. The marine waters support shellfish aquaculture, the effects of which are not presently known. One of the summer roosts of *Rhinolophus hipposideros* is vulnerable to exclusion since building work is currently underway there.

4.4. SITE DESIGNATION:

5. SITE PROTECTION STATUS AND RELATION WITH CORINE BIOTOPES

5.1. DESIGNATION TYPES at National and Regional level:

CODE	% COVER
IE01	41

5.2. RELATION OF THE DESCRIBED SITE WITH OTHER SITES:

designated at National or Regional level:

TYPE CODE	SITE NAME	OVERLAP TYPE	% COVER
IE01	Glengarriff Wood Nature Reserve	+	41

designated at International level:

5.3. RELATION OF THE DESCRIBED SITE WITH CORINE BIOTOPE SITES:

CORINE SITE CODE	OVERLAP TYPE	% COVER
800000083		

6. IMPACTS AND ACTIVITIES IN AND AROUND THE SITE

6.1. GENERAL IMPACTS AND ACTIVITIES AND PROPORTION OF THE SURFACE OF THE SITE AFFECTED

IMPACTS AND ACTIVITIES WITHIN the site

CODE	INTENSITY	% OF SITE	INFLUENCE
100	A B C	1	+ 0 -
140	A B C	11	+ 0 -
141	A B C	10	+ 0 -
161	A B C	15	+ 0 -
200	A B C	5	+ 0 -
220	A B C	49	+ 0 -
501	A B C	5	+ 0 -
622	A B C	5	+ 0 -
954	A B C	24	+ 0 -
990	A B C	1	+ 0 -

IMPACTS AND ACTIVITIES AROUND the site

CODE	INTENSITY	INFLUENCE
100	A B C	+ 0 -
140	A B C	+ 0 -
141	A B C	+ 0 -
161	A B C	+ 0 -
200	A B C	+ 0 -
220	A B C	+ 0 -
403	A B C	+ 0 -
502	A B C	+ 0 -
606	A B C	+ 0 -

6.2. SITE MANAGEMENT AND PLANS

BODY RESPONSIBLE FOR THE SITE MANAGEMENT

National Parks and Wildlife Service of the Department of Arts, Heritage, Gaeltacht and the Islands, are responsible for the Nature Reserve.

SITE MANAGEMENT AND PLANS

A management plan for the conservation of the site is being prepared.

7. MAPS OF THE SITE

- *Physical map*

- *Aerial photograph(s) included:*

NUMBER	AREA	SUBJECT	DATE
GSIV103	Glengarriff	Entire site	197301

8. SLIDES
