



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 IE0001926
SITENAME East Burren Complex SAC

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code IE0001926	Back to top
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1.3 Site name

East Burren Complex SAC

1.4 First Compilation date 1997-02	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:	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

2.1 Site-centre location [decimal degrees]:

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Longitude -9.004410945 Latitude 53.03123975

2.2 Area [ha]:

2.3 Marine area [%]

B	A056	Anas clypeata			w	30	30	i		G	C	B	C	C
B	A052	Anas crecca			w	472	472	i		G	C	A	C	B
B	A050	Anas penelope			w	782	782	i		G	C	A	C	B
B	A053	Anas platyrhynchos			w	100	100	i		G	C	B	C	C
B	A395	Anser albifrons flavirostris			w	39	74	i		G	C	B	C	B
B	A061	Aythya fuligula			w	120	120	i		G	C	B	C	C
B	A082	Circus cyaneus			w	1	3	i		G	C	A	C	B
B	A082	Circus cyaneus			c	1	3	i		G	C	A	C	B
B	A038	Cygnus cygnus			w	180	180	i		G	C	A	C	B
I	1065	Euphydryas aurinia			p				P	DD	C	A	C	A
B	A103	Falco peregrinus			p	1	1	p		G	C	B	C	C
B	A125	Fulica atra			w	310	310	i		G	C	A	C	B
M	1355	Lutra lutra			p				P	DD	C	A	C	B
M	1303	Rhinolophus hipposideros			p	400	400	i		G	B	B	B	A
B	A142	Vanellus vanellus			w	300	300	i		G	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		Agonum livens						P						X
R		Anquis fragilis						P						X
I		Apatania muliebris						P						X
P		Campanula trachelium						P			X			
P		Cephalanthera longifolia						P			X			
P		Chara tomentosa						P			X			
I		Chorthippus albomarginatus						P						X
I		Chrysops sepulchralis						P						X
P		Dactylorhiza traunsteineri						P			X			
P		Filipendula vulgaris						P			X			
P		Frangula alnus						P			X			
P		Helianthemum canum						P			X			
I		Hercostomus germanus						P						X

M		Lepus timidus hibernicus						P				X		
M		Lepus timidus hibernicus						P					X	
M		Lepus timidus hibernicus						P			X			
I		Lestes dryas						P						X
P		Limosella aquatica						P			X			
M		Martes martes						P					X	
M		Martes martes						P			X			
M		Meles meles						P			X			
M		Meles meles						P					X	
I		Microdon mutabilis						P						X
P		Nitella tenuissima						P			X			
I		Oxycera pardalina						P						X
M		Pipistrellus pipistrellus						P			X			
M		Pipistrellus pipistrellus						P					X	
M		Plecotus auritus						P			X			
M		Plecotus auritus						P					X	
P		Potentilla fruticosa						P			X			
I		Psacadina zernyi						P						X
P		Rorippa islandica						P			X			
F		Salmo trutta						P						X
F		Salvelinus alpinus						P			X			
I		Thaumalea testacea						P						X
P		Viola persicifolia						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
N14	8.0
N08	15.0
N16	1.0
N22	61.0
N09	5.0
N23	1.0
N07	3.0
N06	5.0
N10	1.0

Other Site Characteristics

This site encompasses the largest expanse of limestone pavement in the country - this ranges from typical flat open paving, with sparse vegetation, at high levels such as at Mullagh More, to often scrub covered broken paving at the lower altitudes. Associated with the limestone pavement are well-developed calcareous heaths and grasslands. In the limestone areas surface drainage is largely absent. The south and south-east of the site is dominated by a series of wetlands which run from Corofin to Kilmacduagh. These range from open lakes to dense swamp vegetation. For water quality reasons, areas of improved pasture are included in site.

4.2 Quality and importance

This large site is of immense importance for the diversity and quality of Annex I habitats (12 in total), five of which are priority. Of particular note are the limestone pavement, calcareous grasslands (orchid rich) and heaths, and hard water lakes and associated Cladium fens. *Taxus baccata* occurs as a component of woodland on limestone pavement in some areas. The site also includes an area of alluvial woodland. The site has an internationally important population of *Rhinolophus hipposideros*, a major colony of *Euphydryas aurinia* and *Lutra lutra*. Several Red Data Book plant species occur. The Red Data Book fish species, *Salvelinus alpinus*, has been recorded from L. Inchiquin. Four Annex I Bird Directive species occur.

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	E03.01		i
L	H01.08		b
L	A10.01		i
H	I02		i
L	A08		i
L	D01.02		b
L	G01		i
L	A10		i
L	A04.01		i
L	H02.07		b
L	D05		b
H	A04.03		i
L	D01.01		i
L	A05.02		i
H	H02.06		i
H	H01.05		i
H	K02.01		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

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]
H	A10.01		i
H	A05.02		i
L	D05		b
L	G01		i
H	D01.01		i
M	A02		i
H	A04.02		i
H	A11		i
L	D01.02		b

4.4 Ownership (optional)

4.5 Documentation

Boycott, A., Mullan, G.J. and Wilson, L.J. (1996). Cave notes: County Clare and County Galway, Ireland. Proceedings of the University of Bristol Speleological Society, 20 (3), 215-235. Brady Shipman Martin (eds) (1996). Burren National Park Study. Draft Park Management Plan. Stationery Office Dublin. Bradley, J.D. and Pelham-Clinton, E.C. (1967). The Lepidoptera of the Burren, Co. Clare, W. Ireland. Entomologist's Gazette 18: 115-153. Bunce, C. and Judd, B. (1987). Glen Curran. Irish Speleology 4: 12-13. Clabby, K.J., Lucey, J. McGarrigle, M.C., 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. Coxon, C.E. (1986). A Study of the Hydrology and Geomorphology of Turloughs. Unpublished Ph.D. Thesis. Trinity College Dublin. Curtis, T.G.F., Ryan, J.B. and McGough, H.N. (1985). The status and ecology of *Limosella aquatica* L. in Clare (H9) and south-east Galway (H15). The Irish Naturalists' Journal 21: 406-407. Curtis, T.G.F. and McGough, H.N. (1981). A Survey of the Wetlands of the Fergus Catchment and Adjoining Areas. Unpublished report to the Forest and Wildlife Service Dublin. Curtis, T.G.F. and McGough, H.N. (1988). The Irish Red Data Book 1. Vascular Plants. Stationery Office, Dublin. D'Arcy, G. and Hayward, J. (1992). The Natural History of the Burren. Immel Publishing Ltd, London. Drew, D. and Jones, G.L. (2000). Irish Geological Heritage Site Report Form: Vigo Cave. Unpublished. Flanagan, P.J. and Toner, P.F. (1975). A Preliminary Survey of Irish Lakes. An Foras Forbartha, Dublin. Fox, A.D., Norriss, D.W., Stroud, D.A. and Wilson, H.J. (1994). Greenland White-fronted Geese in Ireland and Britain, 1982/83-1993/94. GWFG Study Research Report No. 8. Geological Survey of Ireland

(2000). Irish Geological Heritage Site Report Form: Vigo Cave. Unpublished. Goodwillie, R.N. (1992). Turloughs over 10 ha. Vegetation Survey and Evaluation. Unpublished report to the National Parks and Wildlife Service, Dublin. Goodwillie, R.N. (1995). Additions to the Irish range of *Rorippa islandica* (Oeder ex Murray) Borbas. The Irish Naturalists' Journal 25: 57-59. Heuff, H. (1980). The Vegetation of Irish Lakes. Part 2. Unpublished report to the Forest and Wildlife Service, Dublin. Hutchinson, C.D. (1979). Ireland's Wetlands and their Birds. Irish Wildbird Conservancy, Dublin. Ivimey-Cook, R.B. and Proctor, M.C.F. (1966). The plant communities of the Burren. Co. Clare. Proceedings of the Royal Irish Academy 64B: 211-301. Kirby, E.N. and MacGowran, B.A. (1979). A Vegetation Survey of the Proposed National Park in the Burren, Co. Clare. Unpublished report to the National Parks and Monuments Branch of the O.P.W., Dublin. Lavery, T. (1993). A review of the distribution, ecology and status of the marsh fritillary *Euphydryas aurinia* Rottemburg, 1775 (Lepidoptera: Nymphalidae) in Ireland. The Irish Naturalists' Journal 24: 192-198. Lysaght, L., Mee, T., Murphy, J. and Tarpey, T. (1994). Birds of Clare and Limerick 1982-1991. Irish Wildbird Conservancy, Dublin. McAney, C.M. (1994). West of Ireland Winter Hibernation Survey 1994. The Vincent Wildlife Trust Unpublished. MacGowran, B. (1985). Phytosociological and ecological studies on turloughs in the west of Ireland. Unpublished Ph.D. thesis, National University of Ireland. McGough, H.N. (1984). A Report on the Grasslands and Closely Related Vegetation Types of the Burren Region of Western Ireland. Unpublished report to the Forest and Wildlife Service, Dublin. O'Sullivan, A., Byrne, C. and Mhic Dhaeid, E.C. (1995). Information on populations of Annex II plant species recorded in SAC no. 1926. Unpublished report to National Parks and Wildlife Service, Dublin. O'Sullivan, P. (1994). Bats in Ireland. Special supplement to the Irish Naturalists' Journal. Praeger, R.L. (1934). The Botanist in Ireland. Hodges, Figgis and Co., Dublin. Reynolds, J.D. (1986). Cladocera from Burren turloughs at Mullagh More, Co. Clare. Bulletin of the Irish Biogeographical Society 9: 51-54. Rutledge, R.F. and Ogilvie, M.A. (1979). The past and current status of the Greenland White-fronted Goose in Ireland and Britain. Irish Birds 1: 293-363. Self, C.A. (ed.) (1981). Caves of County Clare. University of Bristol Speleological Society. 225pp. Sheppard, R. (1993). Ireland's Wetland Wealth. IWC, Dublin. Speight, M.C.D. (1983). Dolichopodidae (Diptera) new to Ireland. Irish Naturalists' Journal 21: 83-84. Speight, M.C.D., de Courcy-Williams, M. and Withers, P. (1979). *Pachygaster minutissima*, *Psacadinazernyi* and *Xylota tarda*, insects new to Ireland. The Irish Naturalists' Journal 19: 354-355. Southern Water Global Ltd. (1996). An Investigation of the Flooding Problems in the Gort-Ardrahan Area of South Galway. Interim Factual Report, September 1996. Text Vol 1. Unpublished report to the Office of Public Works, Dublin. Stewart, N.F. and Church, J.M. (1992). Red Data Books of Britain and Ireland: Stoneworts. JNCC, Peterborough. Stewart, N. (undated). Bryophyte and Lichen Reports. Unpublished reports to the Wildlife Service, Dublin. Tratman, E.K. (ed.) (1969). The Caves of North-West Clare, Ireland. University of Bristol Speleological Society. Webb, D.A. and Scannell, M.J.P. (1983). Flora of Connemara and the Burren. Royal Dublin Society, Dublin and Cambridge University Press, Cambridge. Wilde, A. (1993). Irish Red Data Book 2: Vertebrates. HMSO, Belfast. Whittow, J.B. (1975). Geology and Scenery in Ireland. Penguin, Harmondsworth. Willmot, A. (1979). An ecological survey of the ferns of the Burren, Co. Clare, Eire. Fern Gazette 12: 9-28.

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IE01	1.0	IE03	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	Keelhilla (Slieve Carran) Nature Reserve	+	1.0
IE03	Burren National Park	+	6.0

designated at international level:

Type	Site name	Type	Cover [%]
Other	Keelhilla (Slieve Carran) Nature Reserve	+	6.0

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 type="checkbox"/>	

No

6.3 Conservation measures (optional)

7. MAP OF THE SITES

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INSPIRE ID:

IE.NPWS.PS.NATURA2000.SAC.IE0001926

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).