



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 IT9350181
SITENAME Monte Embrisi e Monte Torrione

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1. SITE IDENTIFICATION

1.1 Type	1.2 Site code	Back to top
B	IT9350181	

1.3 Site name

Monte Embrisi e Monte Torrione

1.4 First Compilation date	1.5 Update date
1995-05	2022-12

1.6 Respondent:

Name/Organisation:	Regione Calabria - Dipartimento Ambiente e Territorio - Settore Parchi ed Aree Naturali Protette
Address:	Cittadella Regionale, Località Germaneto 88100 - Catanzaro
Email:	parchi.ambienteterritorio@regione.calabria.it

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:	1995-09
Date site confirmed as SCI:	No data
Date site designated as SAC:	2017-06
National legal reference of SAC designation:	DM 27/06/2017 - G.U. 166 del 18-07-2017

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

Longitude 15.774397 Latitude 38.031243

2.2 Area [ha]: 2.3 Marine area [%]

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2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code	Region Name
ITF6	Calabria

2.6 Biogeographical Region(s)

Mediterranean (100.0 %)

3. ECOLOGICAL INFORMATION

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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
5330 <i>🔗</i>			21.0		G	A	C	A	A
6220 <i>🔗</i>			34.23		G	A	C	A	A
9340 <i>🔗</i>			33.43		G	B	C	B	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	A224	Caprimulgus europaeus			r				P	DD	C	B	C	B
B	A080	Circaetus gallicus			c				P	DD	C	B	C	B
B	A081	Circus aeruginosus			c				P	DD	C	B	C	B
B	A338	Lanius collurio			r				P	DD	C	B	C	B
B	A073	Milvus migrans			c				P	DD	C	B	C	B
B	A072	Pernis apivorus			c				P	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		Artemisia campestris L. subsp. variabilis (Ten.) Greuter						C				X		
P		Carlina hispanica Lam. subsp. globosa (Arcang.) Meusel & Kästner						P				X		
P		Centaurea deusta Ten.						P						X
P		Helianthemum apenninum (L.) Mill. subsp. apenninum						P				X		
P		Petrorhagia illyrica (Ard.) P.W.Ball & Heywood subsp. haynaldiana (F.N. Williams) P.W.Ball & Heywood						P				X		
P		Picris scaberrima Guss.						P			X	X		
R	1250	Podarcis siculus						P	X				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
N15	0.95
N18	7.82
N09	25.56
N08	9.97
N16	26.64
N23	0.52
N21	4.87
N25	8.92
N26	14.75

Total Habitat Cover	100.00000000000001
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Other Site Characteristics

Sito caratterizzato da substrati sabbiosi più o meno sciolti sollevati da una intensa orogenesi a circa 1000 m di quota e interessati da una flora particolarmente rara e specializzata. Il sito compreso tra Monte Embrisi (1051 m s.l.m.) e Monte Torrione (969 ms.l.m.) conserva le testimonianze di una paleo-spiaggia risalente a circa 1000 ka anni. Le sabbie, arenarie, calcareniti e conglomerati a piccoli ciottoli che affiorano sono riferibili ad un ambiente costiero (spiaggia emersa e sommersa) con una ricca macrofauna a *Pecten jacobaeus*, *Aequipecten opercularis*, spugne, denti di pesce e alghe calcaree. I sedimenti emersi circa 1000-1100 ka oggi si trovano a circa 1000 m s.l.m. ospitano oggi una flora particolarmente rara e specializzata. Il sito appartiene alla regione bioclimatica mediterranea e rientra nella fascia mesomediterranea a regime oceanico stagionale. L'associazione vegetale potenziale è rappresentata da leccete del Teucro siculi-*Quercetum ilicis*. La specie che tende a diffondersi maggiormente è il leccio, che forma nuclei puri localizzati nelle stazioni più degradate.

4.2 Quality and importance

Massiccio costituito da sabbie sciolte con interessanti aspetti steppici e di gariga caratterizzati da rarissime specie endemiche. Sono diffusi anche prati aridi ricchi di specie dei Tuberarietea guttatae.

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]
M	F03.01		b
H	A06.02		b
M	A08		b
M	I01		b
H	A04.01		b
H	J01.01		b
M	K01.01		b
H	A02.01		b

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]

4.4 Ownership (optional)

Type		[%]
Public	National/Federal	0
	State/Province	0
	Local/Municipal	0
	Any Public	100
Joint or Co-Ownership		0
Private		0
Unknown		0
sum		100

4.5 Documentation

Regione Calabria - Dipartimento Ambiente e Territorio. Revisione e aggiornamento dei formulari realizzati nell'ambito del progetto “Mappatura e censimento di habitat e specie” - Finanziato con fondi FESR - POR Calabria 2014-20120 - Azione 6.5.A.1 - - -

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT00	100.0				

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IT01	Parco Nazionale della Calabria	-	

5.3 Site designation (optional)

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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Organisation:	Città Metropolitana di Reggio Calabria
Address:	Piazza Italia - 89124 Reggio Calabria
Email:	protocollo@pec.provincia.rc.it

6.2 Management Plan(s):

An actual management plan does exist:

☒ Yes

Name: Servizio di supporto nella predisposizione del Piano di gestione dei siti Natura 2000 sul territorio della Provincia di Reggio Calabria. Documento definitivo di Piano e allegati. Provincia di Reggio Calabria, 2007.

Link: <https://www.regione.calabria.it/website/organizzazione/dipartimento11/subsite/parebio/retnat2000/piagestsitinat2000/>

☐ No, but in preparation

☐ No

6.3 Conservation measures (optional)

Con DGR n.278 del 19-07-2016 sono state approvate le misure di conservazione habitat e sito specifiche

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).

121 III NE - 121 III 1:25000 Gauss-Boaga