



# 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 IT9350138

SITENAME Calanchi di Maro Simone

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## 1. SITE IDENTIFICATION

1.1 Type	1.2 Site code	<a href="#">Back to top</a>
B	IT9350138	

### 1.3 Site name

Calanchi di Maro Simone
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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 15.777778

Latitude 37.9275

2.2 Area [ha]:

2.3 Marine area [%]

64.0

0.0

## 2.4 Sitelength [km]:

0.0

## 2.5 Administrative region code and name

NUTS level 2 code

Region Name

ITF6	Calabria
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## 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
1430 			5.11		G	B	C	B	B
5330 			8.85		G	C	C	C	C
6220 			28.54		G	A	C	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.

- **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		<a href="#">Fagonia cretica L.</a>						R			X			
R	5670	<a href="#">Hierophis viridiflavus</a>						P	X				X	
P		<a href="#">Plantago amplexicaulis</a> <a href="#">Cav. subsp.</a> <a href="#">amplexicaulis</a>						R			X			
R	1250	<a href="#">Podarcis siculus</a>						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

### 4.1 General site character

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Habitat class	% Cover
N15	14.88
N08	18.01
N23	6.02
N26	8.21
N06	0.2
N03	0.75
N21	4.22
N09	47.71
Total Habitat Cover	100

#### Other Site Characteristics

Sito caratterizzato da intensa erosione che determina la tipica morfologia calanchiva. L?area di Maro Simone è particolarmente nota per il caratteristico paesaggio calanchivo. In quest?area, che si estende verso NW rispetto al centro abitato di Melito di Porto Salvo, affiorano argille che sono tipicamente impermeabili e soggette ad intensi processi erosivi. I calanchi sono forme di erosione tipiche delle argille e sono caratterizzate dalla suggestiva alternanza fitta di aguzze creste e profonde incisioni proprio per gli intensi processi erosivi che interessano questi sedimenti. Queste morfologie sono tipicamente colonizzate da una vegetazione steppica specializzata a Lygeum spartum. L?area dal punto di vista bioclimatico appartiene alla fascia termomediterranea della regione mediterranea, con regime oceanico stagionale.

### 4.2 Quality and importance

La particolare morfologia dei calanchi argillosi conferisce al sito una notevole importanza a livello paesaggistico. La vegetazione substeppica a terofite e graminacee perenni e' ben rappresentata ed ospitano una flora steppica assente nel resto d'Italia.I calanchi e i pendii argillosi sono tipicamente colonizzati da una vegetazione steppica specializzata a Lygeum spartum inquadrata nei Lygeo-Stipetea. La formazione a calanchi è prevalentemente concentrata lungo i pendii esposti a Sud.

### 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	A06.04		b

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

H	E01.01		b
H	J01.01		b
H	D01.02		b
M	A04.01		b
M	B01.02		b
L	A06.02		o

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)

Type		[%]
Public	National/Federal	0
	State/Province	0
	Local/Municipal	0
	Any Public	0
Joint or Co-Ownership		0
Private		100
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 - NICOTRA L. Fagonia cretica nel continente italiano, 1908, Boll. Soc. Bot. Ital., 7-69BRULLO S., DE MARCO G. & P. SIGNORELLO. Studio fitosociologico delle praterie a Ligeum spartum Gioenia Sc. Nat. 23: 561-579.BRULLO S., SCELSI F., SPAMPINATO G.,2001 - La vegetazione dell’Aspromonte. Studio fitosociologico. Laruffa Editore. Reggio Calabria.CONTI F., MANZI A., PEDROTTI F., 1997- Liste rosse regionali delle piante d’Italia. Ass. ital. Per il W.W.F., S.B.I. Università di Camerino.SPAMPINATO G., 2002 - Guida alla flora dell’Aspromonte. Laruffa editore.Reggio Calabria. 355 pp.

5. SITE PROTECTION STATUS (optional)

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5.1 Designation types at national and regional level:

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

5.2 Relation of the described site with other sites:

5.3 Site designation (optional)

6. SITE MANAGEMENT

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6.1 Body(ies) responsible for the site management:

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)

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).

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