



# 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 IT9310071  
SITENAME Vallone Freddo

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## 1. SITE IDENTIFICATION

1.1 Type	1.2 Site code	<a href="#">Back to top</a>
B	IT9310071	

### 1.3 Site name

Vallone Freddo
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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:	2016-04
National legal reference of SAC designation:	DM 12/04/2016 - G.U. 97 del 27-04-2016

## 2. SITE LOCATION

### 2.1 Site-centre location [decimal degrees]:

Longitude 16.570278      Latitude 39.374444

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

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187.0

0.0

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
3260			0.25		G	B	C	B	B
6430			0.25		G	B	C	A	A
91E0			6.12		G	B	C	A	A
9220			34.93		G	B	C	B	B
9530			141.3		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.
M	1352	<a href="#">Canis lupus</a>			p				P	DD	C	A	C	A
I	1047	<a href="#">Cordulegaster trinacriae</a>			p				P	DD	C	B	C	B
I	1086	<a href="#">Cucujus cinnaberinus</a>			p				P	DD	A	B	B	B
B	A236	<a href="#">Dryocopus martius</a>			p				V	DD	C	B	C	B
B	A369	<a href="#">Loxia curvirostra</a>			p				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
I		<a href="#">Acanthocinus xanthoneurus (Mulsant &amp; Rey, 1852)</a>						P					X	
P		<a href="#">Acer cappadocicum Gled. subsp. lobelii (Ten.) A.E.Murray</a>						R			X	X		
P		<a href="#">Armeria brutia Brullo, Gangale &amp; Uzunov</a>						P				X		
L		<a href="#">Bryoria capillaris</a>						P			X			
A		<a href="#">Bufo bufo</a>						C					X	
I		<a href="#">Carabus (Chaetocarabus) lefebvrei</a>						P				X		
P		<a href="#">Chaerophyllum hirsutum L.</a>						C			X			
P		<a href="#">Chrysosplenium dubium J.Gay ex Ser.</a>						R			X			
P		<a href="#">Cryptotaenia thomasi (Ten.) DC.</a>						R			X	X		
I		<a href="#">Cucujus haematodes Erichson, 1845</a>						P				X		
L		<a href="#">Cyphelium inquinans</a>						P			X			
M	1363	<a href="#">Felis silvestris</a>						P	X		X		X	
P		<a href="#">Hypericum barbatum Jacq. subsp. calabricum (Spreng.) Peruzzi &amp; N.G.Passal.</a>						P				X		
M	5365	<a href="#">Hypsugo savii</a>						P	X		X		X	
L		<a href="#">Lobaria pulmonaria</a>						P			X			
M	1341	<a href="#">Muscardinus avellanarius</a>						P	X				X	
P		<a href="#">Neottia nidus-avis (L.) Rich.</a>						C			X		X	
I		<a href="#">Nychiodes ragusaria</a>						P				X		
I		<a href="#">Pterostichus (Pterostichus) ruffoi</a>						P				X		
A	1206	<a href="#">Rana italica</a>						C	X			X	X	
M		<a href="#">Sciurus meridionalis</a>						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

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4.1 General site character

Habitat class	% Cover
N16	22.45
N17	77.27
N06	0.14
N10	0.14
Total Habitat Cover	100

Other Site Characteristics

Corso d'acqua montano costeggiato da formazioni vegetali in ottimo stato di conservazione. Il sito attraversa una faggeta matura ed è costeggiato da formazioni vegetali riparie in ottimo stato di conservazione. I boschi ripari tipici della fascia montana sono inquadrabili nell'Alno-Ulmion, tali formazioni hanno chiaramente caratteristiche di una vegetazione temperata e sono state perciò più appropriatamente riferite all'habitat 91E0 piuttosto che al 92A0 con il quale erano state indicate inizialmente nelle schede Natura 2000. Il sito ospita nel fondovalle una vegetazione arborea costituita prevalentemente dal faggio (*Fagus sylvatica*).

4.2 Quality and importance

Corso d'acqua montano particolarmente integro.

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	D01.01		o
L	J02.03.02		b
L	A04.01		b
L	F03.02.03		b
M	B02		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 - Piazzini S. 2019 (dati originali Monitoraggio PNS area MaB) Gervasio G. Crispino F. De Simone M. 2018 Servizi tecnico-scientifici finalizzati al monitoraggio

ambientale. Servizio 2 - macro e micro mammiferi, mico Chiroterri. Report per l'ente PN della Sila. Coop. Greenwood, Dipignano (CS)Flamigni C., Fiumi G. & Parenzan P., 2016. Lepidotteri Eteroceri d'Italia. Geometridae Ennominae II. Natura Edizioni Scientifiche, Bologna, 512pp - AA.VV. 2010 - MISURE DI CONSERVAZIONE PER I SITI NATURA 2000 INCLUSI NEL PARCO NAZIONALE DELLA SILA. Relazione tecnico-scientifica. Parco Nazionale della Calabria.AA.VV., 2008 - Tutela e valorizzazione della flora e della fauna nella zone protette della Sila Grande. Rapporto tecnico. Luglio 2008.GANGALE C., 2000. La vegetazione della Sila (Calabria). Tesi di dottorato, triennio 1996-1999. Università degli Studi di Catania (ined.).VENANZONI R. & CANULLO, 1990 - Carta della Vegetazione (1:25.000) del Parco Nazionale della Calabria: Sila Grande, Sila Piccola, Aspromonte. S.E.L.C.A. Firenze.Sorace A., 2011 - Le comunità ornitiche degli ambienti aperti della Sila Grande (Calabria) con note sull'apparente contrazione demografica di Saxicola rubetra, Regulus regulus e Carduelis spinus. Avocetta 35: 53-60.Antonio Mazzei, Teresa Bonacci, Ettore Contarini & Pietro Brandmayr, 2011. Coleotteri saproxilobionti del Parco Nazionale della Sila (Calabria). Quad. Studi Nat. Romagna, 32: 81-93 (giugno 2011) ISSN 1123-6787

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT01	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 Sila	-	100.0

5.3 Site designation (optional)

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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Organisation:	Ente Parco Nazionale della Sila
Address:	Via Nazionale, 87055 Lorica San Giovanni in Fiore (CS)Tel. 0984 537109
Email:	parcosila@pec.it

6.2 Management Plan(s):

An actual management plan does exist:

☒ Yes

☐ No, but in preparation

☐ No

6.3 Conservation measures (optional)

Con DGR n. 243 del 30-05-2014 sono state approvate le Misure di conservazione per i siti natura 2000 inclusi nel parco nazionale della Sila - Parco Nazionale della Sila. Luglio 2010.

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).

239SE 254NE 255NO 1:25.000 UTM