



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 IT9310085
SITENAME Serra Stella

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1. SITE IDENTIFICATION

1.1 Type	1.2 Site code	Back to top
B	IT9310085	

1.3 Site name

Serra Stella

1.4 First Compilation date	1.5 Update date
1995-11	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]:

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Longitude 16.394167 Latitude 39.315833

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

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 <i>B</i>			0.035		G	B	C	B	B
6430 <i>B</i>			0.07		G	B	B	B	B
9220 <i>B</i>			296.15		G	B	C	B	B
9260 <i>B</i>			42.36		G	B	C	B	B
9530 <i>B</i>			13.92		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	1308	Barbastella barbastellus			p				R	DD	C	B	C	B
M	1352	Canis lupus			p				P	DD	C	B	B	B
I	1047	Cordulegaster trinacriae			p				C	DD	D			
A	1167	Triturus carnifex			p				P	DD	C	B	B	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		Acanthocinus xanthoneurus (Mulsant & Rey, 1852)						P					X	
P		Acer cappadocicum Gled. subsp. lobelii (Ten.) A.E.Murray						R			X	X		
P		Adoxa moschatellina L. subsp. cescae Peruzzi & N.G.Passal.						R				X		
P		Astragalus parnassi Boiss. subsp. calabricus (Fisch.) Maassoumi						R				X		
L		Bryoria capillaris (Ach.) Brodo & Hawksw.						P			X			
A		Bufo bufo						R					X	
P		Cardamine battagliae Cesca & Peruzzi						R			X	X		
P		Cryptotaenia thomasi (Ten.) DC.						R			X	X		
P		Genista anglica L.						R				X		
A	5358	Hyla intermedia						C	X			X	X	
M	5365	Hypsugo savii						P	X				X	
I		Lacon punctatus (Herbst, 1779)						P					X	
L		Lobaria pulmonaria (L.) Hoffm.						P			X			
M	1341	Muscardinus avellanarius						P	X				X	
M	1314	Myotis daubentonii						P	X				X	
M	2016	Pipistrellus kuhlii						P	X				X	
M	1309	Pipistrellus pipistrellus						P	X				X	
I		Pterostichus ruffoi Sciaky, 1986						P				X		
A	1209	Rana dalmatina						C	X			X	X	
A	1206	Rana italica						R	X			X	X	
A		Salamandra salamandra giglioli			0	0		C				X	X	
P		Soldanella calabrella Kress						R			X	X		
P		Struthiopteris spicant (L.) Weiss						R			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
N17	3.93
N10	0.01
N06	0.01
N16	96.05
Total Habitat Cover	100.00000000000001

Other Site Characteristics

L'area si estende lungo i versanti nord-occidentali di Serra Stella di quota 1813 m s.l.m. e di Timpone Zio Filippo di quota 1302 m s.l.m. fino al Vallone Catalano e Vallone Margherita. I versanti sono molto acclivi e vengono incisi da numerosi piccoli corsi d'acqua effimeri che alimentano le piane alluvionali a valle. L'area è caratterizzata da rocce prevalentemente metamorfiche di medio e alto grado (gneiss e scisti biotitici con cristalli di granati) anche visibili ad occhio nudo. In queste rocce si trovano filoni di pegmatiti quarzoso feldspatiche che affiorano nell'area in corrispondenza del Vallone Margherita a N dell'area delimitata. Le rocce risultano fortemente alterate e disaggregabili e quindi superficialmente molto permeabili. La permeabilità diminuisce con la profondità man mano che si raggiunge la roccia fresca e non alterata. In tutta l'area sono localizzate numerose sorgenti anche perenni soprattutto vicino la cima di Serra Stella a mezza costa del versante dove è localizzata la stazione Meteorologica. La vegetazione è caratterizzata prevalentemente da boschi misti a Faggio e Abete bianco. Dal punto di vista bioclimatico il sito appartiene alla fascia submediterranea superiore della regione temperata, con regime oceanico.

4.2 Quality and importance

Faggete con abeti in ottimo stato.

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	M01		i
L	A04.01		b
L	F03.02.03		b
L	B02		b
L	J02		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]

4.4 Ownership (optional)

Type	[%]
Public	National/Federal
	0
	State/Province
	0
Public	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, micro Chiroteri. Report per l'ente PN della Sila. Coop. Greenwood, Dipignano (CS) (Rilevatori Gervasio G. Crispino F. Scaravelli D. Priori P.) - Dati sulla distribuzione dell'erpetofauna calabrese del gruppo di ricerca dell'Università della Calabria - Banca dati Erpetologica DiBEST. - AA.VV., 2008 - Tutela e valorizzazione della flora e della fauna nella zone protette della Sila Grande. Rapporto tecnico. Luglio 2008.AA.VV. 2010 - MISURE DI CONSERVAZIONE PER I SITI NATURA 2000 INCLUSI NEL PARCO NAZIONALE DELLA SILA. Relazione tecnico-scientifica. Parco Nazionale della Calabria.GANGALE C., 2000 - La vegetazione della Sila. Università degli Studi di Catania.Tesi di Dottorato (ined.).BONIN 1978 - Contribution a la connaissance de la vegetation des montagnes de l'Apennin centro-meridional. These doct., Marseille, St-Jerome: 318 pp.CESCA G. & PERUZZI L., 2002. A new species of Cardamine subgen. Dentaria (Cruciferae), apoeudemic in Calabria (Southern Italy). Plant Biosystems, 136(3): 313-320.TROTTER A., 1911 - Notizie ed osservazioni sulla flora montana della Calabria. N. Giorn. Bot. Ital, 18: 243-278.

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).

131 I° SE Carta Topo 1:25000 Gauss-Boaga