



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 IT9310073
SITENAME Macchia Sacra

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1. SITE IDENTIFICATION

1.1 Type	1.2 Site code	Back to top
B	IT9310073	

1.3 Site name

Macchia Sacra

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 16.43 Latitude 39.306389

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

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67.0

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
3130 <i>🔗</i>			0.6		G	B	C	B	B
3260 <i>🔗</i>			0.19		G	B	C	B	B
4090 <i>🔗</i>			1.73		G	B	C	B	B
6210 <i>🔗</i>			13.88		G	C	C	B	B
6230 <i>🔗</i>			8.57		G	B	C	B	B
6430 <i>🔗</i>			1.0		G	B	B	B	B
6510 <i>🔗</i>			9.25		G	C	C	B	B
7140 <i>🔗</i>			5.0		G	C	C	B	A
9220 <i>🔗</i>			23.05		G	A	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	B	B	C	B
M	1310	Miniopterus schreibersii			p				R	DD	C	B	C	B
A	1167	Triturus carnifex			p				V	DD	C	A	B	A

- **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		Anthemis cretica L. subsp. calabrica (Arcang.) R.Fern.						P				X		
P		Armeria brutia Brullo, Gangale & Uzunov						C				X		
A		Bufo bufo						R					X	
P		Caltha palustris L.						C			X			
L		Candelariella faginea Nimis, Poelt & Puntillo						P			X			
P		Cardamine silana Marhold & Perny						R			X	X		
P		Chaerophyllum hirsutum L.						P			X			
P		Chrysosplenium dubium J.Gay ex Ser.						P			X			
P		Cirsium palustre (L.) Scop.						C			X			
P		Cirsium vallis-demonii Lojac.						P				X		
P		Epipactis palustris (L.) Crantz						P			X		X	
P		Genista anglica L.						C				X		
A	5358	Hyla intermedia						R	X			X	X	
P		Hypericum barbatum Jacq. subsp. calabricum (Spreng.) Peruzzi & N.G.Passal.						P				X		
M	5365	Hypsugo savii						C	X				X	
P		Jacobaea alpina (L.) Moench subsp. samnitum (Nyman) Peruzzi						P				X		
P		Listera ovata (L.) R. Br.						V			X		X	
P		Ludwigia palustris (L.) Elliott						V			X			
P		Luzula calabra Ten.						P				X		
M	1341	Muscardinus avellanarius						P	X				X	
M	1314	Myotis daubentonii						P	X				X	

M	1328	Nyctalus lasiopterus						P	X					
A	6976	Pelophylax esculentus						V		X				
M	2016	Pipistrellus kuhlii						P	X				X	
M	1309	Pipistrellus pipistrellus						P	X				X	
R	1256	Podarcis muralis						C	X				X	
P		Potamogeton polygonifolius Pourr.						C			X			
A	1209	Rana dalmatina						C	X			X	X	
A	1206	Rana italica						C	X			X	X	
P		Ranunculus thomasii Ten.						P				X		
M		Sciurus meridionalis						P				X		
P		Soldanella calabrella Kress						R			X	X		
P		Sphagnum auriculatum Schimp.						P		X				
P		Sphagnum subsecundum Nees						P		X				
P		Veronica scutellata L.						R			X			
P		Viola aethnensis (Ging. & DC.) Strobl subsp. messanensis (W. Becker) Merxm. & Lippert						P				X		
P		Viola palustris L.						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
N10	20.5
N06	1.18
N08	2.56
N23	1.89
N25	4.65
N07	7.38
N16	27.8
N16	34.04
Total Habitat Cover	100.00000000000001

Other Site Characteristics

Ampia area pianeggiante dell’altopiano silano a ca. 1650 m di quota su suoli acidi derivati dall’alterazione di rocce metamorfiche tipo gneiss e scisti biotitici di età paleozoica. L’area è attraversata da corsi d’acqua di basso ordine che scorrono verso nord-est e drenano questi versanti poco acclivi. In quest’area si trovano, infatti, i depositi dei processi di dilavamento delle zone circostanti di maggiore quota

altimetrica come dalla località Macchione (1726 m s.l.m.) o da Macchianello (1729 m s.l.m.) o da altre piccole alture che circondano la zona. Nell'area, inoltre, affiorano numerose sorgenti alcune delle quali sono perenni. Dal punto di vista bioclimatico il sito appartiene alla fascia submediterranea superiore della regione temperata, con regime oceanico.

4.2 Quality and importance

Il sito è caratterizzato da un mosaico di firocenosi igrofile, con presenza di sfagnete e prati torbiditici che rappresentano un importantissimo sito di rifugio per molte specie a distribuzione settentrionale, che qui hanno il limite meridionale del loro areale o che si presentano con popolazioni altamente disgiunte dal loro areale principale.

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		b
M	K02.02		i
M	A04.01		b
L	D01.01		o
M	G05.01		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]

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 - “PROGETTO DI MONITORAGGIO DEL LUPO E DELL’ULULONE NEL PARCO NAZIONALE DELLA SILA”, TEMI srl (rilevatori E. Sperone, P. Rizzo)Gervasio G Crispino F Scaravelli D Priori P 2018 Servizi tecnico-scientifici finalizzati al monitoraggio ambientale Servizio 2 - macro e micro mammiferi micro Chiotteri Report Parco Nazionale della Sila Soc Coop Greenwood - 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.BRULLO S., C. GANGALE & D. UZUNOV, 2004. The orophilous cushion-like vegetation of the Sila Massif (S Italy). Bot. Jahrb. Syst., 125(4): 453-488.BRULLO S., GANGALE C. & D. UZUNOV, 2007 - Taxonomic remarks on the endemic flora of Sila Massif (S Italy). Bocconeia 21 p. 5-14. BRULLO S., GANGALE C., SPAMPINATO G., 2001 - Note tassonomiche su Genista anglica L. specie complex. Inf. Bot. Ital. Vol. 33 (2). GANGALE C., 2000 - La vegetazione della Sila. Università degli Studi di Catania.Tesi di Dottorato (ined.).SARFATTI G., 1959 - Podromo della flora della Sila (Calabria) parte I. Webbia,15(1): 169-248. SARFATTI G., 1965 - Podromo della flora della Sila (Calabria) parte II. Webbia,20(2): 355-425.VENANZONI R., 1988 -Contributo alla conoscenza dei prati umidi della Sila (Calabria - Italia). Doc. Phytosoc., 11: 613-614.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.

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: [Back to top](#)

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).

254SO 264NE 265NE 265NO 265SE 265SO 1:25.000 UTM