



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 IT9340119
SITENAME Marchesale

TABLE OF CONTENTS

- 1. SITE IDENTIFICATION
- 2. SITE LOCATION
- 3. ECOLOGICAL INFORMATION
- 4. SITE DESCRIPTION
- 5. SITE PROTECTION STATUS
- 6. SITE MANAGEMENT
- 7. MAP OF THE SITE

1. SITE IDENTIFICATION

1.1 Type	1.2 Site code	Back to top
B	IT9340119	

1.3 Site name

Marchesale

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]:

[Back to top](#)

Longitude 16.255278
Latitude 38.523611

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

1545.0

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

[Back to top](#)

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>			1.0		G	B	C	B	B
7140 <i> ⓘ</i>			0.41		G	C	C	B	B
91E0 <i> ⓘ</i>			30.0		G	A	C	A	A
9210 <i> ⓘ</i>			1300.0		G	A	C	A	A
9260 <i> ⓘ</i>			122.57		G	B	C	B	B
9510 <i> ⓘ</i>			33.0		G	A	C	A	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.
B	A224	Caprimulgus europaeus			r				P	DD	D			
B	A080	Circaetus gallicus			c				P	DD	D			
B	A236	Dryocopus martius			p				P	DD	C	B	C	B
B	A338	Lanius collurio			r				P	DD	D			
B	A073	Milvus migrans			c				P	DD	D			
B	A072	Pernis apivorus			c				P	DD	D			

- **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		Adenocarpus complicatus (L.) J.Gay subsp. brutius (Brullo, De Marco & Siracusa) Peruzzi & Bernardo						C				X		
A		Bufo bufo			0	0		P					X	
I		Carabus (Oreocarabus) preslii neumeyeri			0	0		P				X		
I		Carabus lefebvrei			0	0		P				X		
P		Cardamine battagliae Cesca & Peruzzi						R			X	X		
P		Chaerophyllum hirsutum L.						C			X			
P		Chrysosplenium dubium J.Gay ex Ser.						R			X			
P		Cirsium palustre (L.) Scop.						C			X			
P		Cryptotaenia thomasi (Ten.) DC.						R			X	X		
P		Cyclamen hederifolium Aiton						C					X	
P		Epipactis helleborine (L.) Crantz						R			X		X	
P		Euphorbia corallioides L.						R			X	X		
P		Euphorbia meuselii Geltman						C			X	X		
P		Galanthus reginae-olgae Orph. ssp. vernalis Kamari						C					X	
M	5365	Hypsugo savii			0	0		P	X				X	
P		Impatiens noli-tangere L.						V			X			
R	5179	Lacerta bilineata			0	0		P	X				X	
P		Lysimachia vulgaris L.						V			X			
P		Neottia nidus-avis (L.) Rich.						C			X		X	
M	1312	Nyctalus noctula			0	0		P	X		X		X	
A	6976	Pelophylax esculentus			0	0		P		X				
M	2016	Pipistrellus kuhlii			0	0		P	X				X	

M	1309	Pipistrellus pipistrellus			0	0		P	X				X	
M	5009	Pipistrellus pygmaeus			0	0		P	X				X	
R	1256	Podarcis muralis			0	0		P	X				X	
P		Potamogeton polygonifolius Pourr.						C			X			
A	1209	Rana dalmatina			0	0		P	X			X	X	
A	1206	Rana italica			0	0		P	X			X	X	
P		Ranunculus fontanus C. Presl						C			X			
P	1849	Ruscus aculeatus						C			X			
A		Salamandra salamandra gigliolii			0	0		P				X	X	
P		Salix cinerea L.						R			X			
P		Struthiopteris spicant (L.) Weiss						C			X			
P		Taxus baccata L.						V			X			
P		Veronica scutellata 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

[Back to top](#)

Habitat class	% Cover
N06	1.0
N16	97.61
N07	0.03
N17	1.36
Total Habitat Cover	100

Other Site Characteristics

Ampia area delle Serre Catanzaresi con estese formazioni boschive ben conservate a faggio e castagno abete.Il sito si estende lungo il margine occidentale delle Serre catanzaresi e lo spartiacque dei bacini idrografici tirrenici del Fiume Mesima e Torrente Marepotamo e ionico della Fiumara Allaro. L'area è costituita da rocce di granito resistenti all'erosione e poco permeabili. Il sito dominato dal Monte Famà (1143 m s.l.m) comprende le pendici montuose dell'alto bacino del Mesima e del Monte Arrugiato, degradando dolcemente verso il fondovalle, con abbondanza di acque sorgive. La vegetazione è costituita prevalentemente da foreste caducifoglie mesofile di faggio, inquadrabili nel Galio hirsuti-Fagetum e nell'Anemone apenninae-Fagetum, legate a un clima marcatamente umido. Il faggio in vaste aree delle Serre si consocia all'abete bianco (Abies alba ssp. apennina). Gli aspetti monodominanti d'abete bianco sono stati riferibili al Monotrope-Abietetum apenninae. Alla stessa altitudine in condizioni edafiche più aride si rinvenivano rimboschimenti a Pino laricio. A quote comprese tra 500-800 m s.l.m., nel settore settentrionale sono presenti alcuni rimboschimenti di castagno. L'estrema ricchezza d'acqua favorisce la formazione di habitat di particolare valore naturalistico, come gli acquitrini ricchi di sfagni, carici e giunchi ove trovano rifugio alcune specie igrofile a distribuzione settentrionale, rare a queste latitudini. Gli ambienti rivulari frequenti nei boschi montani ospitano fitocenosi caratterizzate dalla presenza di Lereschia thomasi.

4.2 Quality and importance

Esempio di foresta di faggio e abete bianco ben conservata. Significativa presenza di acquitrini montani ricchi di specie relitte e di interesse fitogeografico. Tra le specie vegetali d'interesse conservazionistico segnalate un ricco gruppo è a rischio inserito nella Lista Rossa Regionale quali Aquilegia viscosa Gouan, Blechnum spicant (L.) Roth, Chrysosplenium dubium Gay, Cirsium palustre (L.) Scop. var. horridum Pospichal,

Epipactis helleborine (L.) Crantz, Galanthus reginae-olgae Orph. ssp. vernalis Kamari Impatiens noli-tangere L., Lereschia thomasii (Ten.) Boiss., Lysimachia vulgaris L., Neottia nidus-avis (L.) L.C. Rich., Potamogeton polygonifolius Pourret Ranunculus fontanus Presl, Salix cinerea L., Taxus baccata L., Veronica scutellata L. Molte di queste specie trovano in Calabria il limite meridionale del loro areale.Sono presenti alcuni endemismi calabresi quali Cardamine battagliae Cesca & Peruzzi, vicariante meridionale di C. heptaphylla; Adenocarpus brutius Brullo, De Marco et Siracusa e Lereschia thomasii (Ten.) Boiss.

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				Positive Impacts			
Rank	Threats and pressures [code]	Pollution (optional) [code]	inside/outside [i o b]	Rank	Activities, management [code]	Pollution (optional) [code]	inside /outside [i o b]
L	D01.01		i				
L	D01.02		i				
L	M01		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

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 - Lico F., 2004 - Diversità floristica e di habitat nella riserva naturale biogenetica “Marchesale”. Problematiche di conservazione e gestione (a.a. 2003-2004). Tesi di Laurea in Gestione dei Rischi Naturali. Università della Calabria. Rel. Dott. D. Uzunov.Uzunov D., Gangale C., Lico F., 2008. Habitat diversity and environmental management of the natural reserve “Marchesale” (South Italy). Phytologia Balcanica, 14 (1): 85-90.Elaborazione e redazione del Piano di gestione dei siti Natura 2000 ricadenti nel territorio provinciale. Provincia di Vibo Valentia, 2006.

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

[Back to top](#)

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT04	7.0	IT02	83.0		

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IT02	RISERVA STATALE NATURALE MARCHESALE	*	83.0
IT04	PARCO REGIONALE DELLE SERRE	*	7.0

5.3 Site designation (optional)

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

Organisation:	Parco Naturale Regionale delle Serre
Address:	Viale Certosa 89822 Serra San Bruno (VV)0963 772825
Email:	info@parcodelleserre.itprotocollo@pec.parcodelleserre.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.322 del 09-08-2016 sono state approvate le misure di conservazione habitat e sito specifiche

7. MAP OF THE SITES

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).

138 III° NO - 138 II 1:25000 Gauss-Boaga