



# 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 IT9340118  
SITENAME Bosco Santa Maria

## 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	<a href="#">Back to top</a>
B	IT9340118	

### 1.3 Site name

Bosco Santa Maria
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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 16.299167      Latitude 38.553611

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

[Back to top](#)

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
9210 <i>🔗</i>			166.0		G	B	C	B	B
92A0 <i>🔗</i>			5.0		G	B	C	B	B
9510 <i>🔗</i>			559.88		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.
A	5357	<a href="#">Bombina pachypus</a>			p				P	DD	C	A	B	A
M	1352	<a href="#">Canis lupus</a>			p				P	DD	C	B	B	B
A	1175	<a href="#">Salamandrina terdigitata</a>			p				P	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)

[illegible]

M	5365	<a href="#">Hypsugo savii</a>			0	0		P	X				X	
R	5179	<a href="#">Lacerta bilineata</a>			0	0		P	X				X	
R	5179	<a href="#">Lacerta bilineata</a>						C	X				X	
R	5179	<a href="#">Lacerta bilineata</a>			0	0		P	X				X	
R	5179	<a href="#">Lacerta bilineata</a>						C	X				X	
M	1357	<a href="#">Martes martes</a>						P		X			X	
M	1357	<a href="#">Martes martes</a>						P		X			X	
I		<a href="#">Megalycinia serraria</a>						R				X		
I		<a href="#">Megalycinia serraria</a>						R				X		
M	1331	<a href="#">Nyctalus leisleri</a>			0	0		P	X				X	
M	1331	<a href="#">Nyctalus leisleri</a>			0	0		P	X				X	
M	1312	<a href="#">Nyctalus noctula</a>			0	0		P	X		X		X	
M	1312	<a href="#">Nyctalus noctula</a>			0	0		P	X		X		X	
M	2016	<a href="#">Pipistrellus kuhlii</a>			0	0		P	X				X	
M	2016	<a href="#">Pipistrellus kuhlii</a>			0	0		P	X				X	
M	5009	<a href="#">Pipistrellus pygmaeus</a>			0	0		P	X				X	
M	5009	<a href="#">Pipistrellus pygmaeus</a>			0	0		P	X				X	
P		<a href="#">Polygala alpestris</a> <a href="#">Rchb. subsp.</a> <a href="#">meridionalis Arrigoni</a>						P				X		
P		<a href="#">Polygala alpestris</a> <a href="#">Rchb. subsp.</a> <a href="#">meridionalis Arrigoni</a>						P				X		
A	1206	<a href="#">Rana italica</a>						C	X			X	X	
A	1206	<a href="#">Rana italica</a>						C	X			X	X	
A		<a href="#">Salamandra</a> <a href="#">salamandra gigliolii</a>			0	0		C				X	X	
A		<a href="#">Salamandra</a> <a href="#">salamandra gigliolii</a>			0	0		C				X	X	
P		<a href="#">Viola aethnensis (Ging. &amp; DC.) Strobl subsp. messanensis (W. Becker) Merxm. &amp; Lippert</a>						C				X		
P		<a href="#">Viola aethnensis (Ging. &amp; DC.) Strobl subsp. messanensis (W. Becker) Merxm. &amp; Lippert</a>						C				X		
I		<a href="#">Xanthorhoe vidanoi</a>						C				X		
I		<a href="#">Xanthorhoe vidanoi</a>						C				X		
R	5369	<a href="#">Zamenis lineatus</a>						C	X			X	X	
R	5369	<a href="#">Zamenis lineatus</a>						C	X			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

[Back to top](#)

Habitat class	% Cover
N16	5.0
N23	5.0
N19	80.0
N08	10.0
Total Habitat Cover	100

Other Site Characteristics

Bosco misto di faggio e abete bianco con notevole ricchezza di acque endogene.

4.2 Quality and importance

Faggeta da Abete bianco, buona conservazione fauna del suolo, anche igrofila, testimoniante elevata qualità del sito (esempio Carabus granulatus miridita, sottospecie transionica al limite sud dell'areale)

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]
H	G05.04		o
M	I02		o
M	B02		i
M	A04.01		i
M	F03.01		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	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 - Osservazione personale MARCO INFUSINOEnte Parco Naturale Regionale delle Serre (2018). MONITORAGGIO S.I.C. Monitoraggio di specie e habitat di interesse comunitario (direttiva 92/43/CEE). Novembre 2018Infusino M., Greco S., Turco R., Bernardini V., Scalercio S., 2016. Managed mountain forests as diversity reservoirs in Mediterranean landscapes: new data on endemic species and faunistic novelties of moths. – Bulletin of Insectology, 69(2): 249-258 - PIZZIGALLO V., 1941. Le abetine di Serra S. Bruno. Riv. For. Ital., 3: 179-189. CHIARUGGI A., 1955. Sulla vegetazione di Serra S. Bruno. N. Giorn. Bot. Ital., 62: 524-531. (Esc. Soc. Cal.)BARBAGALLO C., BRULLO S., FURNARI F., LONGHITANO N. & SIGNORELLO P., 1982. Studio fitosociologico e cartografia della vegetazione (1:25000) del territorio di Serra S. Bruno (Calabria). Coll. P.F. "Promozione Qualità Ambiente", AQ/1/227, CNR Roma.CIANCIO O., IOVINO F., MENGUZZATO G. & MIRABELLA A., 1985. L'Abete (Abies alba Mill.) in Calabria: possibilità e limiti di diffusione e ridiffusione. Ann. Ist. Sper. Selvicoltura, Arezzo, 16: 5-153.BRANDMAYR P., dati inediti. MIRABELLI P., 1985. Attuale situazione del Lupo in Calabria. Atti del Convegno Nazionale "Gruppo Lupo Italia", Civitella Alfedena, 1-2 Maggio

1982: 57-66.CIUCCI P. & BOITANI L., 1991. Viability assessment of the Italian Wolf and guideline for the management of the wild and a captive population. Ist. Naz. Biol. Selvaggina-Ric.Biol.Selvaggina 89.ROSSI F., RIPOLO D., SCALZO A., TRECROCI T., TRIPEPI S., GIACOMA C., 1991. Banca Dati dell'erpeofauna calabrese. S.I.T.E. Atti 12: 977-983.

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level: [Back to top](#)

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT04	100.0				

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IT04	Parco Naturale Regionale delle Serre	-	100.0

5.3 Site designation (optional)

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management: [Back to top](#)

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

[Back to top](#)

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).

137 II° NE - 138 III 1:25000 Gauss-Boaga