



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 IT9310056
SITENAME Bosco di Mavigliano

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1. SITE IDENTIFICATION

1.1 Type	1.2 Site code	Back to top
B	IT9310056	

1.3 Site name

Bosco di Mavigliano

1.4 First Compilation date	1.5 Update date
1995-06	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 16.213611 Latitude 39.385556

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

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494.0

0.0

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 codeRegion Name

ITF6	Calabria
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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
3170			6.94		G	B	C	B	B
3280			4.94		G	B	C	B	B
6220			10.47		G	B	C	B	B
91AA			79.12		G	B	C	B	B
91M0			39.56		G	B	C	B	B
92A0			31.8		G	C	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.
B	A086	Accipiter nisus			p				P	DD	C	B	C	B
B	A324	Aegithalos caudatus			p				P	DD	C	B	C	B
B	A335	Certhia brachydactyla			p				P	DD	C	B	C	B
B	A288	Cettia cetti			r				P	DD	C	B	C	B
B	A363	Chloris chloris			p				P	DD	C	B	C	B
B	A289	Cisticola juncidis			r				P	DD	C	B	C	B
B	A208	Columba palumbus			p				P	DD	C	B	C	B
B	A483	Cyanistes caeruleus			p				P	DD	C	B	C	B
B	A237	Dendrocopos major			p				P	DD	C	B	C	B

P		Geltman						V			X	X		
P		Gagea lojaconoi Peruzzi						P			X			
A	5358	Hyla intermedia						C	X			X	X	
M	1344	Hystrix cristata						P	X					
P		Isoëtes durieui Bory						C						X
P		Isoëtes histrix Bory						C						X
R	5179	Lacerta bilineata						C	X				X	
P		Limodorum abortivum (L.) Sw.						R			X		X	
A	6956	Lissotriton italicus						C	X			X	X	
R		Natrix natrix						C					X	
P		Ophioglossum lusitanicum L.						P			X			
P		Ophrys apifera Huds.						R			X		X	
P		Ophrys incubacea Bianca						R			X		X	
A	6976	Pelophylax esculentus						C		X				
R	1250	Podarcis siculus						C	X				X	
P		Potamogeton polygonifolius Pourr.						V			X			
P		Romulea columnae Sebast. & Mauri						R			X			
P	1849	Ruscus aculeatus						R			X			
P		Serapias cordigera L.						R					X	
P		Serapias lingua L.						C					X	
P		Serapias vomeracea (Burm.f.) Briq.						R					X	
P		Spiranthes spiralis (L.) Chevall.						R			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

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Habitat class	% Cover
N21	13.0
N09	21.0
N12	27.0
N16	35.0
N23	4.0
Total Habitat Cover	100

Other Site Characteristics

Ambiente collinare con piccole depressioni periodicamente inondate che ospitano specie quali Isoetes durieui, Isoetes hystrix, Ophioglossum lusitanicum. La vegetazione potenziale dell'area è rappresentata da querceti caducifogli termofili inquadrabili nei Quercetea ilicis. La specie prevalente è Quercus virgiliana.

4.2 Quality and importance

Sito esteso di Isoetes spp. L'habitat 3170* è frammentato e intercalato al querceto per cui la sua estensione è difficilmente quantificabile, pur restando la principale motivazione del sito. Sono presenti esemplari vetusti di Quercus virgiliana. Il sito ospita una delle rarissime popolazioni calabresi di Petalophyllum ralfsii.

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]
M	A01		b
L	E01		o
L	D01.04		o
L	D01.02		o
M	B02		i
M	A04.01		i
M	K02.01		i
M	H05.01		b
L	A07		o

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside /outside [i o 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

4.4 Ownership (optional)

Type		[%]
Public	National/Federal	0
	State/Province	0
	Local/Municipal	0
	Any Public	60
Joint or Co-Ownership		0
Private		40
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 - Dati sulla distribuzione dell'erpetofauna calabrese del gruppo di ricerca dell'Università della Calabria - Banca dati Erpetologica DiBEST. Attività di monitoraggio (2015-2017) svolte nell’ambito del PANLIFE - LIFE13 NAT/IT/001075 (Rilevatore Emilio Sperone) - AA.VV., 2005 – Relazione tecnica per la proposta di ripermimetrazione del SIC IT9310056 “Bosco di Mavigliano”. Museo di Storia Naturale della Calabria ed Orto Botanico – Università della Calabria. CESCA G. & PUNTILLO D., 1982 – Notizie sulla flora pteridologica della Calabria. Giorn. Bot. Ital. 116 (suppl.1):183.MAIORCA G. & PUNTILLO D., 2009 – The vascular flora of the “Bosco di Mavigliano”, a Site of Community Importance (SIC) in Northern Calabria (South-Italy). Webbia 64(1): 75-100.PUNTILLO D. & PUNTILLO M., 2004 – Flora of the Mavigliano Wood (Cosenza, Calabria). 1. – The Lichens. Flora Mediterranea 14: 189-200.PUNTILLO D., 2004 – La flora del Bosco di Mavigliano (Montalto Uffugo, Cosenza).2 – Le briofite. Braun-Blanquetia 34: 69-78.TRIPEPI S., SERRONI P., BRUNELLI E., 1999 – Guida-atlante degli Anfibi della provincia di Cosenza. Pellegrini Ed. Cosenza.Piano di Gestione dei Siti di Importanza Comunitaria (SIC), Nazionale (SIN) e Regionale (SIR) della Rete “Natura 2000” nella Provincia di Cosenza – Relazioni e allegati cartografici. Provincia di Cosenza.

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]

IT00	100.0
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5.2 Relation of the described site with other sites:

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:

<input checked="" type="checkbox"/> Yes	Name: Piano di Gestione dei Siti di Importanza Comunitaria (SIC), Nazionale (SIN) e Regionale (SIR) della Rete “Natura 2000” nella Provincia di Cosenza – Relazioni e allegati cartografici. Provincia di Cosenza. Link: https://www.regione.calabria.it/website/organizzazione/dipartimento11/subsite/parebio/retnat2000/piagestsitinat2000/
<input type="checkbox"/> No, but in preparation	
<input type="checkbox"/> No	

6.3 Conservation measures (optional)

Con DGR n. 277 del 19-07-2016 sono state approvate le misure di conservazione habitat e sito specifiche

7. MAP OF THE SITES

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INSPIRE ID:	
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Map delivered as PDF in electronic format (optional)

<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
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Reference(s) to the original map used for the digitalisation of the electronic boundaries (optional).

85 III NE - 85 III S 1:25000 Gauss-Boaga
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