



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 IT9310057
SITENAME Orto Botanico - Università della Calabria

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1. SITE IDENTIFICATION

1.1 Type	1.2 Site code	Back to top
B	IT9310057	

1.3 Site name

Orto Botanico - Università della Calabria

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]:

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Longitude Latitude
16.23 39.358889

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

8.06

0.0

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code

Region 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🇫🇷			0.56		G	B	C	B	B
91AA🇫🇷			2.58		G	B	C	B	B
92A0🇫🇷			1.21		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.
B	A324	Aegithalos caudatus			p				P	DD	C	B	C	B
B	A364	Carduelis carduelis			p				P	DD	C	B	C	B
I	1088	Cerambyx cerdo			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	A208	Columba palumbus			p				P	DD	C	B	C	B
B	A483	Cyanistes caeruleus			p				P	DD	C	B	C	B
B	A738	Delichon urbicum			r				P	DD	C	B	C	B
B	A237	Dendrocopos major			p				P	DD	C	B	C	B
I	6199	Euplagia quadripunctaria			p				P	DD	C	B	C	B
B	A251	Hirundo rustica			r				P	DD	C	B	C	B

B	A271	Luscinia megarhynchos			r				P	DD	C	B	C	B
B	A230	Merops apiaster			r				P	DD	C	B	C	B
B	A337	Oriolus oriolus			r				P	DD	C	B	C	B
B	A330	Parus major			p				P	DD	C	B	C	B
B	A356	Passer montanus			p				P	DD	C	B	C	B
B	A866	Picus viridis			p				P	DD	C	B	C	B
B	A336	Remiz pendulinus			p				P	DD	C	B	C	B
B	A361	Serinus serinus			p				P	DD	C	B	C	B
B	A332	Sitta europaea			p				P	DD	C	B	C	B
B	A209	Streptopelia decaocto			p				P	DD	C	B	C	B
B	A311	Sylvia atricapilla			p				P	DD	C	B	C	B
B	A305	Sylvia melanocephala			p				P	DD	C	B	C	B
B	A265	Troglodytes troglodytes			p				P	DD	C	B	C	B
B	A283	Turdus merula			p				P	DD	C	B	C	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
A		Bufo bufo						C					X	
P		Euphorbia corallioides L.						R			X	X		
R	5670	Hierophis viridiflavus						C	X				X	
A	5358	Hyla intermedia						C	X			X	X	
P		Isoëtes durieui Bory						R						X
P		Isoëtes histrix Bory						R						X
R	5179	Lacerta bilineata						P	X				X	
A	6956	Lissotriton italicus						C	X			X	X	
I		Lucanus tetraodon						P						X
R		Natrix natrix						C					X	
A	6976	Pelophylax esculentus						C		X				
R	1256	Podarcis muralis						C	X				X	
R	1250	Podarcis siculus						C	X				X	
A	1209	Rana dalmatina						P	X			X	X	
P		Serapias lingua L.						P					X	
R		Tarentola mauritanica						C					X	
R		Vipera aspis						C					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

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4.1 General site character

Habitat class	% Cover
N16	46.0
N09	30.0
N06	3.0
N21	7.0
N10	13.0
N23	1.0
Total Habitat Cover	100

Other Site Characteristics

La vegetazione potenziale dell'area è rappresentata da querceti caducifogli termofili inquadrabili nei Quercetea ilicis . La specie prevalente è Quercus virgiliana, quercia che appartiene al ciclo di Q. pubescens (roverella). Essa caratterizza una formazione forestale poco disturbata, in cui si riscontrano numerose specie caratteristiche dei boschi termofili (Cornus sanguinea, Clinopodium vulgare, Brachypodium sylvaticum, Knautia calycina, Helleborus bocconeii ecc.). Il fondovalle è caratterizzato da un boschetto ripariale a Populus alba inquadrabile nell'ordine Populetalia albae. In alcune aree dell'Orto si conservano aspetti di vegetazione caratterizzata dalla presenza di prati umidi che si estendono al margine del bosco, che nel periodo invernale sono inondati e che ospitano specie quali Isoetes duriei e Isoetes hystrix. Tali formazioni sono inquadrabili nella classe Isoeto-Nanojuncetea .

4.2 Quality and importance

Importante sito di Isoetes spp. pl.

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	E01		o
M	D01.02		o
L	D01.02		o
M	E01.01		o
M	B02		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 - - Dati sulla distribuzione dell'erpetofauna calabrese del gruppo di ricerca dell'Università della Calabria - Banca dati Erpetologica DiBEST. - CESCA G. & PUNTILLO D., 1982 – Notizie sulla flora pteridologica della Calabria. Giorn. Bot. Ital. 116 (suppl.1):183.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				

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:	Museo di storia Naturale ed Orto Botanico, Università della Calabria,
Address:	Via P. Bucci87030 Arcavacata di rende(CS) Tel. 0984/838573
Email:	ecologia@unical.it

6.2 Management Plan(s):

An actual management plan does exist:

☒ 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/>

☐ No, but in preparation

☐ 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:

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).

85 III SE - 96 IV NE 1:25000 Gauss-Boaga