



# 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 IT9350162  
SITENAME Torrente S. Giuseppe

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## 1. SITE IDENTIFICATION

1.1 Type	1.2 Site code	<a href="#">Back to top</a>
B	IT9350162	

### 1.3 Site name

Torrente S. Giuseppe
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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 15.813889      Latitude 38.258611

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

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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
7220 <b>i</b>			0.01		G	A	C	A	A
9180 <b>i</b>			5.46		G	A	C	A	A
9260 <b>i</b>			11.91		G	B	C	C	C
9340 <b>i</b>			2.82		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	A081	<a href="#">Circus aeruginosus</a>			c				P	DD	C	B	C	B
B	A868	<a href="#">Leopicus medius</a>			p				P	DD	C	B	C	B
B	A073	<a href="#">Milvus migrans</a>			c				P	DD	C	B	C	B
B	A072	<a href="#">Pernis apivorus</a>			c				P	DD	C	B	C	B
P	1426	<a href="#">Woodwardia radicans</a>			p				R	DD	B	A	A	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		<a href="#">Acer opalus Mill. subsp. opalus</a>						R						X
P		<a href="#">Corylus avellana L.</a>						R						X
P		<a href="#">Cratoneuron commutatum (Hedw.) G. Roth</a>						P						X
P		<a href="#">Cyclamen repandum Sm. subsp. repandum</a>						P					X	
P		<a href="#">Dryopteris affinis (Lowe) Fraser-Jenk. subsp. affinis</a>						R						X
R	1250	<a href="#">Podarcis siculus</a>						P	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

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4.1 General site character

Habitat class	% Cover
N15	14.0
N08	4.0
N22	5.0
N09	27.0
N16	50.0
Total Habitat Cover	100

Other Site Characteristics

Vallone incassato e umido che conserva una stazione della rara Woodwardia radicans. Il sito si colloca in un'area costituita da rocce metamorfiche con piccole intrusioni di graniti biotitici resistenti all'erosione dell'acqua coperte da sabbie di età plio-pleistocenica facilmente erodibili. Il particolare assetto stratigrafico e le caratteristiche litotecniche permettono alle acque correnti del Torrente San Giuseppe di incidere un profondo vallone. La morfologia del vallone ha permesso lo sviluppo di un particolare ambiente umido con una fitta vegetazione forestale a tigli, aceri, macchia a Leccio, formazioni a Cratoneuron e popolazioni della rara Woodwardia radicans. Il sito appartiene alla regione bioclimatica mediterranea e rientra nella fascia mesomediterranea a regime oceanico stagionale.

4.2 Quality and importance

Importante stazione di Woodwardia radicans, interessante relitto terziario presente nel bacino del Mediterraneo con popolazioni fortemente disgiunte. Le fitocenosi forestali prevalenti sono leccete e querceti misti che lungo i versanti più acclivi del vallone sono sostituite da boschi di

forra con latifoglie decidue mesofile quali Corylus avellana, Acer neapolitanus, Ostrya carpinifolia e Castanea sativa e descritti come Corylo-Aceretum neapolitani. Le pareti stillicidiose ospitano una ricca popolazione di Woodwardia radicans, interessante relitto terziario presente nel bacino del Mediterraneo con popolazioni fortemente disgiunte La specie è inclusa nel Libro Rosso delle Piante d'Italia e negli allegati della Direttiva Habitat come specie di interesse comunitario

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	K01.01		i
L	I01		b
M	A06.02		o
H	A04.01		b
H	J02.05.02		i
L	D01.01		i
H	B03		i
M	H05.01		b

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	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 - - -

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:	Città Metropolitana di Reggio Calabria
Address:	Piazza Italia - 89124 Reggio Calabria
Email:	protocollo@pec.provincia.rc.it

6.2 Management Plan(s):

An actual management plan does exist:

<input checked="" type="checkbox"/> Yes	Name: Servizio di supporto nella predisposizione del Piano di gestione dei siti Natura 2000 sul territorio della Provincia di Reggio Calabria. Documento definitivo di Piano e allegati. Provincia di Reggio Calabria, 2007. Link: <a href="https://www.regione.calabria.it/website/organizzazione/dipartimento11/subsite/parebio/retnat2000/piagestsitinat2000/">https://www.regione.calabria.it/website/organizzazione/dipartimento11/subsite/parebio/retnat2000/piagestsitinat2000/</a>
<input type="checkbox"/> No, but in preparation	
<input type="checkbox"/> No	

6.3 Conservation measures (optional)

Con DGR n.278 del 19-07-2016 sono state approvate le misure di conservazione habitat e sito specifiche
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7. MAP OF THE SITES

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INSPIRE ID:	<div></div>
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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).

127 II NE 1:25000 Gauss-Boaga
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