



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 ITA050002
SITENAME Torrente Vaccarizzo (tratto terminale)

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code ITA050002	Back to top
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1.3 Site name

Torrente Vaccarizzo (tratto terminale)

1.4 First Compilation date 1998-06	1.5 Update date 2019-12
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1.6 Respondent:

Name/Organisation: Regione Siciliana Ass.to Territorio e Ambiente Servizio 4°
Address: Via Ugo La Malfa 169 - 90146 Palermo
Email:

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:	2015-12
National legal reference of SAC designation:	DM 21/12/2015 - G.U. 8 del 12-01-2016

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude 14.102222 **Latitude** 37.608889

2.2 Area [ha]: 440.0 **2.3 Marine area [%]:** 0.0

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code	Region Name
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2.6 Biogeographical Region(s)

Mediterranean (100.0%)

3. ECOLOGICAL INFORMATION

3.1 Habitat types present on the site and assessment for them

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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
1410 F			0.5		M	C	C	B	B
3250 F			4.23		P	D			
3280 F			0.43		P	D			
3290 F			12.31		M	A	B	B	B
5330 F			1.31		P	D			
6220 F			184.57		M	C	C	B	B
8210 F			0.1		M	C	C	B	C
92D0 F			37.21		M	B	B	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	A413	Alectoris graeca whitakeri			p				P	DD	A	B	B	B
B	A255	Anthus campestris			c				P	DD	C	B	B	B
F	1152	Aphanius fasciatus			p				P	DD	D			
B	A024	Ardeola ralloides			c				P	DD	C	B	B	B
B	A133	Burhinus oedicnemus			c				P	DD	C	B	B	B
B	A087	Buteo buteo			c				P	DD	D			
B	A243	Calandrella brachydactyla			c				P	DD	C	B	B	B
B	A243	Calandrella brachydactyla			r				P	DD	C	B	B	B
B	A030	Ciconia nigra			w				R	DD	D			
B	A082	Circus cyaneus			c				P	DD	C	B	B	B
B	A082	Circus cyaneus			w				P	DD	C	B	B	B
B	A084	Circus pygargus			c				P	DD	C	B	B	B
B	A211	Clamator glandarius			c				R	DD	D			
B	A231	Coracias garrulus			c				P	DD	B	B	B	B
B	A231	Coracias garrulus			r				P	DD	B	B	B	B
B	A027	Egretta alba			w				P	DD	C	B	B	B
B	A027	Egretta alba			c				P	DD	C	B	B	B
B	A026	Egretta garzetta			c				P	DD	C	B	B	B
R	5370	Emys trinacris			p				R	DD	B	B	B	B
B	A101	Falco biarmicus			p				P	DD	B	B	B	B
B	A095	Falco naumanni			r				P	DD	B	B	B	B
B	A103	Falco peregrinus			p				P	DD	C	B	B	B
B	A097	Falco vespertinus			c				P	DD	C	B	B	B
B	A092	Hieraetus pennatus			c				P	DD	C	B	B	B
B	A092	Hieraetus pennatus			w				P	DD	C	B	B	B
B	A131	Himantopus himantopus			c				P	DD	C	B	B	B
B	A131	Himantopus himantopus			r				P	DD	C	B	B	B
B	A022	Ixobrychus minutus			c				P	DD	C	B	B	B

B	A022	Ixobrychus minutus			r	2	2	p		G	C	B	B	B
B	A271	Luscinia megarhynchos			r				P	DD	D			
B	A073	Milvus migrans			c				P	DD	C	B	B	B
B	A073	Milvus migrans			w				P	DD	D			
B	A074	Milvus milvus			w				P	DD	C	B	B	B
B	A074	Milvus milvus			c				P	DD	C	B	B	B
B	A023	Nycticorax nycticorax			c				P	DD	C	B	B	B
B	A277	Oenanthe oenanthe			r	4	4	p		G	C	B	B	B
B	A140	Pluvialis apricaria			c				P	DD	C	B	B	B
B	A140	Pluvialis apricaria			w				P	DD	C	B	B	B
B	A166	Tringa glareola			c				P	DD	C	B	B	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
P		Asparagus scularis						C						X
B	A218	Athene noctua						C					X	
A		Bufo siculus						C				X	X	
P		Cachrys sicula						P						X
B	A366	Carduelis cannabina						C					X	
B	A364	Carduelis carduelis						C					X	
B	A363	Carduelis chloris						C					X	
B	A335	Certhia brachydactyla						C					X	
B	A288	Cettia cetti						C					X	
R	1274	Chalcides ocellatus						R	X			X	X	
B	A289	Cisticola juncidis						C					X	
B	A206	Columba livia						C			X		X	
B		Corvus corax						P			X		X	
B	A347	Corvus monedula						C					X	
B	A237	Dendrocopos major						C					X	
A	1189	Discoglossus pictus						C	X		X	X	X	
B	A377	Emberiza cirius						C					X	
B		Emberiza calandra						C					X	
B	A244	Galerida cristata						C					X	
B	A342	Garrulus glandarius						C					X	
P		Haynardia cilindrica						P						X
R		Hierophis viridiflavus						C					X	
M	1344	Hystrix cristata						P	X					
P		Juncus acutus						C						X
P		Juncus subulatus						P						X
R		Lacerta bilineata						C					X	
P		Lavatera agrigentina						C				X	X	
P		Limonium optimae						C				X	X	
P		Matthiola fruticulosa						P						X
I		Melitaea aetherie algerica						R						X
M		Microtus savii nebrodensis						R				X		
B	A281	Monticola solitarius						R					X	
I		Muschampia proto						R						X
R		Natrix natrix sicula						R				X	X	

P		Nepeta apulei															C													X		
P		Parapholis incurva																P														X
R	1250	Podarcis sicula																C	X													
R	1244	Podarcis wagleriana																R	X				X	X	X							
P		Ruppia maritima																R													X	
B	A276	Saxicola torquata																C												X		
B	A361	Serinus serinus																C												X		
B	A352	Sturnus unicolor																C												X		
B	A311	Sylvia atricapilla																C												X		
B	A305	Sylvia melanocephala																C												X		
P		Thymus spinulosus																P													X	
B	A283	Turdus merula																C												X		
B	A213	Tyto alba																C					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
N03	5.0
N08	5.0
N12	15.0
N22	5.0
N06	12.0
N23	3.0
N09	55.0
Total Habitat Cover	100

Other Site Characteristics

Il biotopo è costituito dall'alveo del torrente Vaccarizzo, che nel tratto interessato risulta incassato tra affioramenti rocciosi della serie Gessoso-Solfifera del Messiniano. La temperatura media del sito su base annua è di 16,3 gradi centigradi. Piovosità media annua 582 mm distribuiti in 59 giorni di pioggia. Clima termomediterraneo secco.

4.2 Quality and importance

Il biotopo, in buone condizioni anche se in qualche tratto degradato per l'apporto di rifiuti solidi, riveste un'importanza scientifica in quanto ospita un endemismo quale *Limonium optima* Raimondo, descritto per la prima volta nel 1993. La rilevanza di questo taxon risiede nella sua distribuzione puntiforme e nel fatto che la maggior parte delle entità appartenenti al genere *Limonium* sono legate ad ambienti costieri dove partecipano a comunità alo-rupicole, mentre poche specie sono note per l'interno della Sicilia.

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	E03.03	T	i
M	K04.05		i
M	J03.01		i
M	A01	X	b
M	A04.01.02		b
H	J01.01		b
L	A04.02.01		b
L	E03.01	X	i
M	A02-01	X	b
L	H01.05	T	b
L	A04.02.04		b
L	A04.02.03		b
L	F04.01		i
H	F03.02.02		i

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)

4.5 Documentation

BULGARINI F., CALVARIO E., FRATICELLI F., PETRETTI F., SARROCCO S. (EDS), 1998 - Libro Rosso degli Animali d'Italia - Vertebrati. WWF Italia, Roma
LO VALVO F. 1998 - Status e conservazione dell'erpetofauna siciliana. Naturalista sicil. XXII: 53-71
LO VALVO M., MASSA B. & SARÀ M., 1993 - Uccelli e paesaggio in Sicilia alle soglie del terzo millennio. Naturalista sicil. XVII:1-37
RAIMONDO F.M., 1993 - Limonium optima, a new species from central Sicily. Flora Mediterranea, 3: 13-18.

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT05	100.0				

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IT05	R.N.O. Isola delle Femine	=	100.0

5.3 Site designation (optional)

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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6.2 Management Plan(s):

An actual management plan does exist:

<input checked="" type="checkbox"/> Yes	Name: Piano di gestione Valle del Fiume Imera meridionale decreto n.536 del 10/10/2012 Link:
<input type="checkbox"/> No, but in preparation	
<input type="checkbox"/> No	

6.3 Conservation measures (optional)

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).

083130 083090 083050 083010 082160 082120 082080 1:10000 Gauss-Boaga Ovest