



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 ITA030027
SITENAME Isola di Vulcano

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code ITA030027	Back to top
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1.3 Site name

Isola di Vulcano

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 14.964722 **Latitude** 38.400556

2.2 Area [ha]: 1608.0 **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

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
1150			0.59		M	B	C	B	B
1170			44.81		M	A	C	B	B
1210			2.34		M	C	C	C	C
1410			0.43		P	D			
1420			0.05		M	C	C	C	C
2110			2.57		M	B	C	C	C
2230			0.01		P	D			
5320			36.13		M	B	C	B	B
5330			351.05		M	B	C	B	B
6220			126.02		M	B	A	B	B
8130			2.25		M	B	C	B	B
8210			6.52		M	B	C	A	B
8320			130.1	1	M	A	C	B	B
8330				1	P	D			
9340			0.02		M	C	C	C	C

- **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	A247	Alauda arvensis			c				C	DD	D			
B	A229	Alcedo atthis			c				C	DD	D			
B	A054	Anas acuta			c				P	DD	D			
B	A053	Anas platyrhynchos			c				P	DD	D			
B	A255	Anthus campestris			c				C	DD	D			
B	A024	Ardeola ralloides			c				P	DD	D			
B	A403	Buteo rufinus			c				R	DD	D			
B	A243	Calandrella brachydactyla			c				R	DD	D			
B	A010	Calonectris diomedea			r	3	6	p		G	C	B	C	C
B	A139	Charadrius morinellus			c				P	DD	D			
B	A031	Ciconia ciconia			c				R	DD	D			
B	A081	Circus aeruginosus			c				P	DD	D			
B	A082	Circus cyaneus			w				P	DD	D			
B	A083	Circus macrourus			w				R	DD	D			
B	A206	Columba livia			p	20	20	p		G	D			
B	A349	Corvus corone			p	5	5	p		DD	D			
B	A113	Coturnix coturnix			c				C	DD	D			
P	1546	Cytisus aeolicus			p				P	DD	B	C	C	C
B	A026	Egretta garzetta			c				C	DD	C	B	C	C
B	A100	Falco eleonora			c				P	DD	D			
B	A095	Falco naumanni			c				P	DD	D			

B	A103	Falco peregrinus				p				P	DD	D				
B	A321	Ficedula albicollis				c				P	DD	D				
B	A125	Fulica atra				c				R	DD	D				
B	A127	Grus grus				c				P	DD	D				
B	A131	Himantopus himantopus				c				P	DD	D				
B	A338	Lanius collurio				c				P	DD	D				
B	A604	Larus michahellis				p	100	100	p		G	D				
B	A246	Lullula arborea				c				P	DD	D				
B	A073	Milvus migrans				c				P	DD	D				
M	1307	Myotis blythii				p				P	DD	D				
B	A023	Nycticorax nycticorax				c				P	DD	D				
B	A072	Pernis apivorus				c				P	DD	D				
B	A151	Philomachus pugnax				c				P	DD	D				
B	A343	Pica pica				p				P	DD	D				
B	A464	Puffinus yelkouan				r				R	DD	C	B	C	B	
M	1304	Rhinolophus ferrumequinum				p				P	DD	D				
B	A155	Scolopax rusticola				c				P	DD	D				
B	A209	Streptopelia decaocto				p	20	20	p		G	D				
B	A210	Streptopelia turtur				c				P	DD	D				
B	A351	Sturnus vulgaris				c				C	DD	D				
B	A302	Sylvia undata				p	12	13	i		G	D				
R	1217	Testudo hermanni				p				P	DD	D				
B	A166	Tringa glareola				c				P	DD	C	B	C	C	
B	A283	Turdus merula				c				C	DD	D				
B	A283	Turdus merula				p				C	DD	D				
B	A285	Turdus philomelos				c				C	DD	D				
B	A287	Turdus viscivorus				c				R	DD	D				
B	A142	Vanellus vanellus				c				P	DD	D				

- **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
B		Actitis hypoleucos						R			X			
I		Akis subterranea						P						X
P		Andryala integrifolia subsp. undulata						C						X
P		Andryala tenuifolia						P						X
P		Anomobryum julaceum						P						X
I		Anoxia (Mesanoxia) matutinalis moltonii						C				X		
I		Anthaxia (Anthaxia) nereis						P						X
B		Anthus trivialis						R					X	
I		Aphodius (phalacrothous) quadrimaculatus						R						X
P		Arundo collina						P						X
I		Brachytripes megacephalus						R						X
I		Bruchidius meleagrinus						P						X
P		Bryum ruderale						P			X			

L	D01.02		i
M	G05		i
H	E01		i
M	E03		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

BRULLO S. & FURNARI F., 1990 - Considerazioni sulla Flora e Vegetazione delle Isole Eolie - 2° Workshop Progetto strategico, 376-392. BRUNO S., 1970 - Anfibi e Rettili di Sicilia (Studi sulla Fauna Erpetologica Italiana. XI) - Atti dell'Accademia Gioenia di Scienze Naturali, Catania (serie VII), 2: 185-326. CAPULA M., 1994 - Genetic variation and differentiation in the lizard *Podarcis wagleriana* (Reptilia: Lacertidae) - Biological Journal Linnean Society, 177-196. CERNIGLIARO A., DI BENEDETTO R. & LOMBARDO V., 1992 - Terzo contributo alla conoscenza dei Ropaloceri della Sicilia orientale (Lepidoptera Hesperidae) - Bollettino della Società entomologica italiana, 123 (3): 239-244. CORTI C., LO CASCIO P., VANNI S., TURRISI G. F. & VACCARO A., 1997 - Amphibians and Reptiles of the circumsicilian islands: new data and some considerations - Bollettino del Museo Regionale di Storia Naturale, Torino, 15 (1): 179-211. FERRO G. & FURNARI F., 1970 - Flora e Vegetazione di Vulcano (Isole Eolie) - Pubbl. Ist. Bot. Univ. Catania, 1-64. FERRO G., SALAMONE C., CRISCI A. & FINOCCHIARO G.L., 1994 - Piante e aggruppamenti vegetali di notevole interesse naturalistico nell'arcipelago delle Eolie - Quad. Bot. Amb. Appl., 3: 181-190. FIORE M., VIOLANI C. & ZAVA B., 1991 - Chiroteri delle Isole circumsiciliane. I - Vulcano (Eolie) - Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale di Milano, 132(14): 169-180. LO CASCIO P. & PASTA S., 2004 - Il patrimonio biologico delle Isole Eolie: dalla conoscenza alla conservazione - Il Naturalista siciliano, 28: 457-476. LO CASCIO P. & ROMANO M., 2004 - Mutillid wasps of the Italian minor islands (Hymenoptera Mutillidae) - Bollettino della Società entomologica italiana, 136 (3): 227-250. LO VALVO F., 1998 - Status e conservazione dell'erpetofauna siciliana - Il Naturalista siciliano, S. IV, 22 (1-2): 53-71. LO VALVO F. & LONGO A.M., 2001 - Anfibi e Rettili in Sicilia - WWF Sicilia, Palermo, 85 pp. LO VALVO M., MASSA B. & SARÀ M. (red.), 1993 - Uccelli e paesaggio in Sicilia alle soglie del terzo millennio - Il Naturalista siciliano, Palermo, 17 (suppl.): 1-371. LORENZ R. & LORENZ K., 2002 - Zur Orchideenflora zirkumsizilianischer Inseln - Jber. Naturwiss. Ver. Wuppertal, 55:100-162. PASTA S., LO CASCIO P. & PANCIOLI V., 1999 - Sull'effettiva consistenza numerica e distribuzione delle orchidee nell'arcipelago eoliano (Mar Tirreno sud-orientale) - Il Naturalista siciliano, S. IV, 23: 467-484. RAIMONDO F.M., GIANGUZZI L., VENTURELLA G. & LO VALVO M., 1990 - Indagine preliminare sul patrimonio biologico-ambientale delle coste siciliane - Quad. Bot. Amb. Appl., 1: 131-182. RUFFO S. & STOCH F. (eds.), 2005 - Checklist e distribuzione della fauna italiana - Memorie del Museo Civico di Storia Naturale di Verona, 2serie, Sezione Scienze della Vita 16. SABELLA G. & SPARACIO I., 2004 - Il ruolo dei Parchi siciliani nella conservazione dei taxa di insetti di particolare interesse naturalistico (Insecta Coleoptera et Lepidoptera Rhopalocera) - Il Naturalista siciliano, S. IV, 28 (1): 477-508. TROIA A., 1997 - Contributo alla conoscenza della flora delle Isole Eolie (Sicilia) - Inform. Bot. Ital., 29: 262-266. TURRISI G.F. & VACCARO A., 1998 - Contributo alla conoscenza degli Anfibi e dei Rettili di Sicilia - Bollettino dell'Accademia Gioenia di Scienze Naturali, Catania, 30 (353) (1997): 5-88.

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	85.0				

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 di Vulcano	*	95.0

designated at international level:

Type	Site name	Type	Cover [%]

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 Isole Eolie decreto n. 120 del 08/03/2013 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).

104040 104030 084130 083160 083150 1:10000 Gauss-Boaga Ovest