



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 ITA020042
SITENAME Rocche di Entella

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1. SITE IDENTIFICATION

1.1 Type C	1.2 Site code ITA020042	Back to top
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1.3 Site name

Rocche di Entella

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:	1998-12
National legal reference of SPA designation	Decreto Assessore Ambiente 21 febbraio 2005
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 13.117275 **Latitude** 37.779342

2.2 Area [ha]: 178.0 **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
3120			0.32		P	D			
5330			5.85		M	C	C	C	C
6220			81.51		M	B	C	B	C
8210			20.79		M	C	C	C	C
8310				1	P	D			
92D0			0.1		P	D			

- **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	1	5	p		G	C	C	A	B
B	A257	Anthus pratensis			w				C	DD	D			
B	A226	Apus apus			r				C	DD	D			
B	A228	Apus melba			c				R	DD	D			
B	A243	Calandrella brachydactyla			r				R	DD	C	B	C	B
B	A113	Coturnix coturnix			r	1	5	p		G	D			
B	A212	Cuculus canorus			r				R	DD	D			
B	A212	Cuculus canorus			c				R	DD	D			
B	A253	Delichon urbica			r				R	DD	D			
B	A101	Falco biarmicus			p	1	2	p		G	D			
B	A095	Falco naumanni			c				C	DD	D			
B	A095	Falco naumanni			r	6	10	p		G	D			
B	A251	Hirundo rustica			r				V	DD	D			
B	A251	Hirundo rustica			c				C	DD	D			
B	A341	Lanius senator			r				P	DD	D			
B	A230	Merops apiaster			r	11	50	p		G	D			
B	A073	Milvus migrans			c				C	DD	C	B	C	B
M	1310	Minopterus schreibersii			p				C	DD	D			
B	A262	Motacilla alba			w				C	DD	D			
B	A319	Muscicapa striata			r				P	DD	D			
M	1316	Myotis capaccinii			p				P	DD	D			
M	1324	Myotis myotis			p				P	DD	D			
B	A077	Neophron percnopterus			c				V	DD	C	C	C	C
B	A072	Pernis apivorus			c				R	DD	D			
B	A273	Phoenicurus ochruros			w				C	DD	D			
M	1305	Rhinolophus euryale			p				V	DD	D			
M	1304	Rhinolophus ferrumequinum			p				R	DD	D			
M	1303	Rhinolophus hipposideros			p				R	DD	D			
B	A304	Sylvia cantillans			r				C	DD	D			

B	A303	Sylvia conspicillata			r				C	DD	D			
B	A232	Upupa epops			c				R	DD	D			
B	A232	Upupa epops			r				R	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	
P		Anacamptis pyramidalis						R						X	
P		Barlia robertiana						R						X	
P		Biscutella maritima						C				X			
P		Brassica villosa						V			X				
B		Buteo buteo						R						X	
P		Centaurea solstitialis subsp. schouwii						R			X				
P		Chaenorhinum rubrifolium						R			X				
R	1274	Chalcides ocellatus						P	X						
B		Columba livia						P							
B		Coturnix coturnix						P			X				
P		Crepis spathulata						R			X				
M	4001	Crocidura sicula						P	X						
P		Crocus longiflorus						C				X			
P		Crossidium crassinerve						P			X				
B		Falco tinnunculus						P						X	
P		Gymnostomum calcareum						P			X				
M	1344	Hystrix cristata						R	X						
M		Lepus corsicanus						R						X	
P		Ophrys bertolonii						R						X	
P		Ophrys bombyliflora						R						X	
P		Ophrys exaltata						R						X	
P		Ophrys fusca						R						X	
P		Ophrys lutea subsp. lutea						R						X	
P		Ophrys lutea subsp. minor						R						X	
P		Ophrys tenthredinifera						R						X	
P		Ophrys vernixia subsp. vernixia						R						X	
P		Orchis collina						R						X	
P		Orchis italica						R						X	
R	1244	Podarcis wagleriana						P	X						
P		Serapias vomeracea						R						X	
P		Stipa barbata						R							X
P		Tragopogon porrifolius subsp. cupanii						R				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
N08	3.0
N12	5.0
N10	1.0
N22	5.0
N09	86.0
Total Habitat Cover	100

Other Site Characteristics

L'area delle Rocche di Entella (557 m) ricade nel territorio del comune di Contessa Entellina, dove si estende per 157,58 ettari, ponendosi a ridosso della Diga Garcia; essa è alquanto nota poiché include un interessantissimo sito archeologico, oltre ad essere sede di una Riserva naturale integrale, la cui zona A fa riferimento ad una interessantissima grotta la cui cavità si sviluppa nei gessi cristallini con morfologia a meandri. Infatti, i substrati sono costituiti da affioramenti della Serie gessoso-solfifera del Messiniano, caratterizzando un paesaggio alquanto brullo, dominato da aspetti di vegetazione rupicola e steppica, nonché da superfici coltivate a seminativi. Il bioclimate è da riferire al termomediterraneo secco-subumido, con temperature medie annue superiori ai 16,5 °C e precipitazioni medie tra 550 e 650 mm. La vegetazione potenziale è preminentemente da riferire ad aspetti di macchia dell'Oleo-Ceratonion a dominanza di *Olea europaea* var. *sylvestris*, o di bosco termofilo mediterraneo del Quercion ilicis, in particolare di lecceto o querceto caducifoglio a *Quercus virgiliana*. Particolarmente interessanti sono gli aspetti rupicoli o semirupicoli tipici delle aree gessose.

4.2 Quality and importance

Pur essendo privo di aspetti forestali di rilievo, il biotopo costituisce comunque un'oasi importante quale area di rifugio per la flora e per la fauna, anche perché posto a ridosso dell'ambiente dell'invaso della Diga Garcia, gravitando all'interno di un'area interessata da un'agricoltura in parte anche intensiva.

4.3 Threats, pressures and activities with impacts on the site

4.4 Ownership (optional)

4.5 Documentation

CONTI F., MANZI A., PEDROTTI F., 1992 - Libro rosso delle piante d'Italia. - Società Botanica Italiana e Associazione Italiana per il World Wildlife Fund, Camerino, 637 pp. CONTI F., MANZI A., PEDROTTI F., 1997 - Liste Rosse Regionali delle Piante d'Italia. - Società Botanica Italiana e Associazione Italiana per il World Wildlife Fund, pp. 104. Camerino (MC). CORTINI PEDROTTI C., ALEFFI M., 1996 - Lista Rossa delle Briofite d'Italia. - In CONTI F., MANZI A., PEDROTTI F., 1992, Società Botanica Italiana e Associazione Italiana per il World Wildlife Fund, Camerino, pp. 559-635. LO VALVO M., MASSA B. & SARÀ M., 1993 - Uccelli e paesaggio in Sicilia alle soglie del terzo millennio. Naturalista sicil. XVII:1-376. LOJACONO-POJERO M., 1888-1909 - Flora Sicula o descrizione delle piante spontanee o indigenate in Sicilia. - Palermo, 5 voll. LORENZ R. & LORENZ K., 2002 - Zur Orchideenflora zirkumsizilianischer Inseln. - Jber. naturwiss. Ver. Wuppertal, 55: 100-162. PAVAN M. (A CURA) 1992 - Contributo per un "Libro Rosso" della fauna e della flora minacciate in Italia. Ist. Entom. Univ. Pavia 720 pp. PRIVITERA M., 1996 - la vegetazione muscinale dei gessi dell'Agrigentino (Sicilia Occidentale) - Boll. Acc. Gioenia Sci. Nat. Catania 22 (335)105-113. RAIMONDO F.M., GIANGUZZI L., ILARDI V., 1994 - Inventario delle specie "a rischio" nella flora vascolare nativa della Sicilia. - Quad. Bot. Ambientale Appl., 3 (1992): 65-132. Riggio S. & Massa B., 1975 - Problemi di conservazione della natura in Sicilia. 1° contributo per un'analisi della degradazione ambientale ed elenco delle aree dell'isola di maggiore interesse naturalistico. - Atti IV Simp. naz. Conserv. Natura, Bari, 2: 299-425.

5. SITE PROTECTION STATUS (optional)

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5.1 Designation types at national and regional level:

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT05	16.0				

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 Grotta di Entella	+	100.0

5.3 Site designation (optional)

6. SITE MANAGEMENT

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6.1 Body(ies) responsible for the site management:

6.2 Management Plan(s):

An actual management plan does exist:

<input checked="" type="checkbox"/>	Yes	Name: Piano di gestione Complessi gessosi (Entella) decreto n. 859 del 15/11/2010 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).

062130 062100 062090 062060 062050 1:10000 Gauss-Boaga Ovest