



# 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

<b>1.1 Type</b> C	<b>1.2 Site code</b> ITA020042	<a href="#">Back to top</a>
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### 1.3 Site name

Rocche di Entella

<b>1.4 First Compilation date</b> 1998-06	<b>1.5 Update date</b> 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

<b>Date site classified as SPA:</b>	1998-12
<b>National legal reference of SPA designation</b>	Decreto Assessore Ambiente 21 febbraio 2005
<b>Date site proposed as SCI:</b>	1995-09
<b>Date site confirmed as SCI:</b>	No data
<b>Date site designated as SAC:</b>	2015-12
<b>National legal reference of SAC designation:</b>	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

<b>NUTS level 2 code</b>	<b>Region Name</b>
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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
3120B			0.32		P	D			
5330B			5.85		M	C	C	C	C
6220B			81.51		M	B	C	B	C
8210B			20.79		M	C	C	C	C
8310B				1	P	D			
92D0B			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	<a href="#">Alectoris graeca whitakeri</a>			p	1	5	p		G	C	C	A	B
B	A257	<a href="#">Anthus pratensis</a>			w				C	DD	D			
B	A226	<a href="#">Apus apus</a>			r				C	DD	D			
B	A228	<a href="#">Apus melba</a>			c				R	DD	D			
B	A243	<a href="#">Calandrella brachydactyla</a>			r				R	DD	C	B	C	B
B	A113	<a href="#">Coturnix coturnix</a>			r	1	5	p		G	D			
B	A212	<a href="#">Cuculus canorus</a>			r				R	DD	D			
B	A212	<a href="#">Cuculus canorus</a>			c				R	DD	D			
B	A253	<a href="#">Delichon urbica</a>			r				R	DD	D			
B	A101	<a href="#">Falco biarmicus</a>			p	1	2	p		G	D			
B	A095	<a href="#">Falco naumanni</a>			c				C	DD	D			
B	A095	<a href="#">Falco naumanni</a>			r	6	10	p		G	D			
B	A251	<a href="#">Hirundo rustica</a>			r				V	DD	D			
B	A251	<a href="#">Hirundo rustica</a>			c				C	DD	D			
B	A341	<a href="#">Lanius senator</a>			r				P	DD	D			
B	A230	<a href="#">Merops apiaster</a>			r	11	50	p		G	D			
B	A073	<a href="#">Milvus migrans</a>			c				C	DD	C	B	C	B
M	1310	<a href="#">Miniopterus schreibersii</a>			p				C	DD	D			
B	A262	<a href="#">Motacilla alba</a>			w				C	DD	D			
B	A319	<a href="#">Muscicapa striata</a>			r				P	DD	D			
M	1316	<a href="#">Myotis capaccinii</a>			p				P	DD	D			
M	1324	<a href="#">Myotis myotis</a>			p				P	DD	D			
B	A077	<a href="#">Neophron percnopterus</a>			c				V	DD	C	C	C	C
B	A072	<a href="#">Pernis apivorus</a>			c				R	DD	D			
B	A273	<a href="#">Phoenicurus ochruros</a>			w				C	DD	D			
M	1305	<a href="#">Rhinolophus euryale</a>			p				V	DD	D			
M	1304	<a href="#">Rhinolophus ferrumequinum</a>			p				R	DD	D			
M	1303	<a href="#">Rhinolophus hipposideros</a>			p				R	DD	D			
B	A304	<a href="#">Sylvia cantillans</a>			r				C	DD	D			

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