



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 ITA090012
SITENAME Grotta Palombara

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code ITA090012	Back to top
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1.3 Site name

Grotta Palombara

1.4 First Compilation date	1.5 Update date
1998-06	2019-12

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:	2017-12
National legal reference of SAC designation:	DM 07/12/2017 - G.U. 296 del 20-12-2017

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude 15.197752 **Latitude** 37.105143

2.2 Area [ha]: 61.0 **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
3170			0.97		G	B	C	B	B
5330			0.28		G	B	C	B	B
5420			2.24		G	B	B	B	B
6220			45.34		G	A	B	B	B
8310			0.015	1	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	A222	Asio flammeus			c				R	DD	D			
B	A133	Burhinus oedicnemus			p				R	DD	D			
B	A243	Calandrella brachydactyla			c				V	DD	D			
B	A081	Circus aeruginosus			c				R	DD	D			
B	A083	Circus macrourus			c				V	DD	D			
R	1293	Elaphe situla			p				V	DD	D			
B	A103	Falco peregrinus			c				R	DD	D			
B	A092	Hieraetus pennatus			w	1	3	i		G	C	B	B	B
M	1310	Miniopterus schreibersii			p				P	DD	C	B	C	B
M	1324	Myotis myotis			p				P	DD	C	B	C	B
M	1305	Rhinolophus euryale			p				P	DD	C	B	C	B
M	1304	Rhinolophus ferrumequinum			p				P	DD	C	B	C	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
I		Agrius convolvuli						C						X
I		Amegilla quadrifasciata						C						X
I		Andrena scita						R						X
I		Anthidiellum strigatum						C						X

I		Roncus siculus						R				X		
I		Ronisia brutia brutia						C						X
I		Ronisia ghilianii						R						X
P		Salvia fruticosa						R			X			
I		Scoliopteryx libatrix						R						X
I		Smicromyrme ausonia						C						X
I		Smicromyrme fasciaticollis						C						X
I		Smicromyrme ruficollis						C						X
I		Smicromyrme sicana						R						X
I		Stenomutilla hottentotta						C						X
I		Syntomis kruegeri						C						X
R		Tarentola mauritanica mauritanica						C					X	
I		Trichorina paolae						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

4.1 General site character

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Habitat class	% Cover
N23	10.0
N09	70.0
N22	5.0
N08	10.0
N15	5.0
Total Habitat Cover	100

Other Site Characteristics

All'interno del sito ricade una grotta carsica caratterizzata da una piccola apertura, localizzata in un'area incolta. Geologicamente è interessata da calcari miocenici con superfici più o meno pianeggianti. L'area ricade all'interno della fascia bioclimatica termomediterranea subumida. La vegetazione naturale è rappresentata da frammenti di gariga nelle zone rocciose più pianeggianti, o da macchia ad Euphorbia dendroides sui costoni rocciosi. Abbastanza diffuse sono le praterie steppiche a Hyparrhenia hirta.

4.2 Quality and importance

Grotta di ridotte dimensioni, molto concrezionata e ricca di specie endemiche, molte delle quali esclusive di poche cavità della regione iblea. Essa ospita inoltre colonie di Chiroteri numericamente significative sia su scala locale che regionale. L'epigeo non presenta aspetti naturalisticamente rilevanti ed è caratterizzato da praterie e incolti. La vegetazione naturale nel complesso si presenta piuttosto degradata e non mostra particolari interesse naturalistico e paesaggistico. Sotto il profilo floristico si rileva comunque la presenza di alcune specie di un certo interesse geobotanico, in parte menzionate nell'elenco riportato nella sezione 3.3 (D).

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	J 02.07.02		b
M	I 01		b
L	D 01.01	X	i
H	J 01.01	X	b
H	H 04.01	A	b
M	D 01.02	X	i
M	A 04.02.01	N	i
M	E 02.03	X	o
M	D 01.05	X	i
H	H 05.01	X	b
H	H 06.01.02		b
L	D 02.01.01		i

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

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside /outside [i o b]

4.4 Ownership (optional)

4.5 Documentation

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	25.0				

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.I. Grotta Palombara	*	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 approvato con prescrizione Monti Iblei decreto n. 666 del 30/06/2009 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).

182NO 1:25.000 UTM