



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 ITA090028
SITENAME Fondali dell'isola di Capo Passero

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code ITA090028	Back to top
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1.3 Site name

Fondali dell'isola di Capo Passero

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:	No data
National legal reference of SAC designation:	No data

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude 15.138056 **Latitude** 36.676389

2.2 Area [ha]: 5367.0 **2.3 Marine area [%]:** 100.0

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
1120			673.4		M	A	C	A	A
1170			488.4		M	B	C	B	B
8330				1	P	B	C	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.
R	1224	Caretta caretta			p				P	DD	D			
M	1349	Tursiops truncatus			p				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
I		Astroides calycularis						P						X	
I		Charonia tritonis						P						X	
P		Cymodocea nodosa						R						X	
P		Cystoseira amentacea						C							X
P		Cystoseira brachycarpa						C							X
I		Homarus gammarus						P						X	
I	1027	Lithophaga lithophaga						P		X					
P		Lithophyllum byssoides						R							X
P		Lithophyllum papillosum						R							X
P		Lithophyllum trochanter						R							X
I		Maja squinado						P						X	
P		Nemalion helminthoides						V							X
P		Neogoniolithon brassica-florida						C							X
I		Palinurus elephas						P						X	
P	1377	Phymatolithon calcareum						R			X				
I	1028	Pinna nobilis						R		X					

P		Posidonia oceanica						C					X	
P		Sargassum vulgare						R						X
I	1090	Scyllarides latus						P		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
N01	100.0
Total Habitat Cover	100

Other Site Characteristics

L'Isola di Capo Passero, posta a poche centinaia di metri dalla costa nell'estrema propagine sud orientale della Sicilia, insieme alla vicina Isola delle Correnti rappresenta un spartiacque tra due mari: lo Ionio e la Stretto di Sicilia. Questa sua particolare collocazione rende tale sito di grande interesse biologico e naturalistico. L'andamento delle linee batimetriche segue fedelmente ed in maniera uniforme, la linea di costa. Le coste dell'Isola di Capo Passero, costituite prevalentemente da rocce calcaree, sono ricchissime di piccole e grandi fessurazioni della roccia che in alcuni punti hanno dato vita a caverne sottomarine, anche di discreta ampiezza. Questa varietà di morfologie della linea di costa ha favorito il notevole diversificarsi degli habitat disponibili per gli organismi animali e vegetali. La vegetazione del fondo roccioso è dominata dai popolamenti a Cystoseira in particolare quello a Cystoseira amentacea v. stricta e a Cystoseira brachycarpa. Sui sustrati mobili costituiti da sabbia mista a fango troviamo Cymodocea nodosa, che negli ultimi anni è stata parzialmente sostituita dalla specie alloctona Caulerpa racemosa. Le grandi distese sabbiose che caratterizzano i fondali del lato orientale dell'isola, sono colonizzati Posidonia oceanica che forma vaste praterie ancora in buono stato di salute.

4.2 Quality and importance

Il mare, o meglio i fondali, dell'Isola di Capo Passero costituiscono un ambiente ancora in gran parte integro e che conserva una grande ricchezza di forme di vita subacquee che altrove sono quasi del tutto inesistenti.

4.3 Threats, pressures and activities with impacts on the site

4.4 Ownership (optional)

4.5 Documentation

Di Martino V. 2002 - Osservazioni preliminari sul fitobenthos di due grotte marine dell'Isola di Capo Passero (Sicilia sud orientale; Mare Ionio). Informatore Botanico Italiano 34: 87-89. Di Martino V., Stancanelli B. 1998 - R.N.I. Isola di Capo Passero: il mare. Ecopachynus, 2: 63 pp. Ed. Ente fauna siciliana, Siracusa. Buia M.C., Cormaci M., Furnari G., Mazzella L. 1985 - Osservazione sulla struttura delle praterie di Posidonia oceanica (L.) Delile di Capo Passero (Siracusa) e studio della macroflora epifita delle foglie. Boll. Acc. Gioenia Sci. Nat., Catania, 18: 463-484.

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					

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. di piano Isola di Capo Passero	/	15.0

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 type="checkbox"/>	Yes
<input type="checkbox"/>	No, but in preparation
<input checked="" 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).

215NO 197SO 1:25.000 UTM