



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 ITA090027
SITENAME Fondali di Vendicari

TABLE OF CONTENTS

- [1. SITE IDENTIFICATION](#)
- [2. SITE LOCATION](#)
- [3. ECOLOGICAL INFORMATION](#)
- [4. SITE DESCRIPTION](#)
- [5. SITE PROTECTION STATUS](#)
- [6. SITE MANAGEMENT](#)
- [7. MAP OF THE SITE](#)

1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code ITA090027	Back to top
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1.3 Site name

Fondali di Vendicari

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]:

[Back to top](#)

Longitude 15.104167 **Latitude** 36.796389

2.2 Area [ha]: 3901.0 **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

[Back to top](#)

3.1 Habitat types present on the site and assessment for them

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			1740.85		M	A	C	A	A
1170			808.0		M	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.

- **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		Cymodocea nodosa						C						X	
P		Cystoseira amentacea						C						X	
P		Cystoseira brachycarpa						C							X
I	1027	Lithophaga lithophaga						P	X						
P		Lithophyllum papillosum						V							X
P		Lithophyllum trochanter						C						X	
P		Neogoniolithon brassica-florida						R							X
P	1377	Phymatolithon calcareum						R		X					
P		Phymatolithon lenormandii						R							X
I	1028	Pinna nobilis						P	X						
P		Posidonia oceanica						C						X	
P		Sargassum vulgare						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

[Back to top](#)

4.1 General site character

Habitat class	% Cover
N01	100.0
Total Habitat Cover	100

Other Site Characteristics

L'area è caratterizzata da fondali rocciosi di natura calcarea che da dalla superficie fino a 10 metri di profondità digradano molto lentamente favorendo nelle zone poco esposte l'accumulo di sabbie organogene. Al di sotto dei 10 metri il fondale è prevalentemente sabbioso. La vegetazione marina bentonica è quindi caratterizzata prevalentemente da Posidonia oceanica che forma estese praterie anche sui substrati duri poco profondi e ricoperti da sedimenti (Di martino & Blundo, 1999) Sui fondali tipicamente rocciosi e moderatamente esposti, in cui non viene favorito l'accumulo di materiale detritico, la vegetazione è caratterizzata da popolamenti fotofili a Cystoseira sp.pl. nella frangia infralitorale e nei primi metri dell'infralitorale mentre più in profondità predominano le facies a Dictyotaceae e Sphacelariaceae (Blundo et al., 1999). Inoltre è da segnalare la presenza di specie aliene come Caulerpa racemosa e Womersleyella setacea che negli ultimi anni si sono ampiamente diffuse anche in quest'area non alterando tuttavia gli equilibri ambientali.

4.2 Quality and importance

La presenza di estese praterie a Posidonia oceanica rende quest'area particolarmente interessante e meritevole di salvaguardia ambientale.

4.3 Threats, pressures and activities with impacts on the site

4.4 Ownership (optional)

4.5 Documentation

Blundo M.C., Di Martino V., Giaccone G. 1999 - La flora marina nell'area protetta "Isola di Vendicari" (Siracusa, Sicilia Sud-Orientale). Boll. Acc. Gioenia Sci. Nat., Catania, 31: 157-174. Di Martino V., Blundo M.C. 1999 - Osservazioni sulla prateria a Posidonia oceanica (L.) Delile della Riserva Naturale Orientata "Oasi Faunistica di Vendicari" (Sicilia S-O). Biol. Mar. Medit.: 490-492

5. SITE PROTECTION STATUS (optional)

[Back to top](#)

5.1 Designation types at national and regional level:

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT05	1.0				

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. Oasi Faunistica di Vendicari	*	1.0

designated at international level:

Type	Site name	Type	Cover [%]
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5.3 Site designation (optional)

6. SITE MANAGEMENT

[Back to top](#)

6.1 Body(ies) responsible for the site management:

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

[Back to top](#)

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).

196SE 1:25.000 UTM