



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 ITA030041
SITENAME Fondali dell'isola di Salina

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code ITA030041	Back to top
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1.3 Site name

Fondali dell'isola di Salina

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 14.859722 **Latitude** 38.541389

2.2 Area [ha]: 2099.0 **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
1120F			335.8		M	A	C	A	A
1170F			230.5		M	A	C	B	B
8330F				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.
M	1349	Tursiops truncatus			c				P	DD	C	B	A	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
P		Cystoseira amentacea						P						X	
P		Cystoseira brachycarpa						P							X
P		Cystoseira sauvageauana						C							X
P		Cystoseira spinosa						C						X	
M	1350	Delphinus delphis						P		X					
P		Neogoniolithon brassica-florida						C							X
I		Palinurus elephas						P						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

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4.1 General site character

Habitat class	% Cover
N01	100.0
Total Habitat Cover	100

Other Site Characteristics

L'isola di Salina, seconda isola dell'arcipelago delle Eolie per estensione, presenta falesie sul versante settentrionale e occidentale mentre il versante orientale e gran parte di quello meridionale è caratterizzato da spiagge e ciottoli. L'andamento batimetrico dei fondali è invece piuttosto uniforme digradando dolcemente verso il largo (Cormaci et al. 1992, 1994). I fondali sabbiosi sono caratterizzati dalla presenza di estese praterie ben strutturate di Posidonia oceanica (Pessani et al., 1984). Su substrati rocciosi è invece presente la tipica zonazione bentonica del Mediterraneo, caratterizzata dalla successione batimetrica di popolamenti a Cystoseira (Cormaci et al., 1992; Giaccone et al., 1999).

4.2 Quality and importance

L'isola di Salina, così come l'intero arcipelago delle Isole Eolie, rappresenta uno dei pochi siti in Sicilia dove i popolamenti a Cystoseira sp.pl. si presentano ben strutturati ed inalterati a differenza di altre aree del settore orientale del Mediterraneo in cui si osserva una netta regressione soprattutto dei popolamenti di infralitorale medio ed inferiore (Alongi et al. 2004).

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	J02.11.01		o
L	K02.01		b
M	G01.01.01		i
H	I01		b
M	H03.02.01		b
L	F02.01.03		i
H	J03.02		i
H	G05.03		i
M	F01		b
M	K01.01		i
L	J03.03		i
M	H03.03		b
L	F02.01.04		i
L	F02.01.01		i
M	H03.02.02		b
M	F02.02		i
L	J02.11.02		b
M	J02		i
M	F02.01.02		i
H	G05.02		i
L	M02.01		b
H	K03.05		b
M	J03.01		i

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

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

4.4 Ownership (optional)

4.5 Documentation

Alongi G., Catra M., Cormaci M., Furnari G., Serio D. 2004 - Spring marine vegetation on rocky substrata of Pantelleria Island (The Straits of Sicily, Italy). Nova Hedwigia, 79: 447-478. Cormaci M., Furnari G., Scammacca B., Serio D., Pizzuto F., Alongi G., Dinaro R. 1992 - La vegetazione marina di substrato duro dell'isola di Salina (Isole Eolie). Boll. Acc. Gioenia Sci. Nat. Catania, 25: 115-144. Cormaci M., Furnari G., Serio D., Pizzuto F. 1994 - Osservazione sulle fitocenosi bentoniche dell'isola di Salina (Isole Eolie). Coll. del progetto strategico "Clima, ambiente e territorio nel mezzogiorno" C.N.R. : 339-365. Giaccone G., Cormaci M., Furnari G., Scammacca B., Alongi G., Catra M., Di Martino V., Marino G., Serio D. 1999 - Biodiversità vegetale marina dell'arcipelago "Isole Eolie". Boll. Acc. Gioenia Sci. Nat. Catania, 32: 191-242. Pessani D., Poncini F., Vetere M. 1984 - Premieres donnees sur la distribution de Posidonia oceanica Delile autour de l'île de Salina (Iles Eoliennes, Sicile). Int. Workshop on Posidonia oceanica Beds, Boudouresque C. F., Jeudy De Grissac A. & Oliver J. (Eds.), G.I.S. Posidonie publ., Fr. 1.

5. SITE PROTECTION STATUS (optional)

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5.1 Designation types at national and regional level:

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT00					

5.2 Relation of the described site with other sites:

designated at international level:

Type	Site name	Type	Cover [%]
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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 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).

085150 1:10000 Gauss-Boaga Ovest