



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 IT9350143
SITENAME Saline Joniche

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1. SITE IDENTIFICATION

1.1 Type	1.2 Site code	Back to top
B	IT9350143	

1.3 Site name

Saline Joniche

1.4 First Compilation date	1.5 Update date
1995-05	2022-12

1.6 Respondent:

Name/Organisation:	Regione Calabria - Dipartimento Ambiente e Territorio - Settore Parchi ed Aree Naturali Protette
Address:	Cittadella Regionale, Località Germaneto 88100 - Catanzaro
Email:	parchi.ambienteterritorio@regione.calabria.it

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:	2017-06
National legal reference of SAC designation:	DM 27/06/2017 - G.U. 166 del 18-07-2017

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

Longitude 15.717778 Latitude 37.934722

2.2 Area [ha]: 2.3 Marine area [%]

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30.0

0.0

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code

Region Name

ITF6	Calabria
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2.6 Biogeographical Region(s)

Mediterranean (100.0 %)

3. ECOLOGICAL INFORMATION

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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
1150 			10.19		G	B	C	C	B
1310 			0.02		G	B	C	B	B
1410 			0.02		G	C	C	C	C
1420 			4.46		G	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.
B	A298	Acrocephalus arundinaceus			r				P	DD	C	B	C	B
B	A297	Acrocephalus scirpaceus			r				P	DD	C	B	C	B
B	A168	Actitis hypoleucos			c				P	DD	C	B	C	B
B	A247	Alauda arvensis			c				P	DD	C	B	C	B
B	A229	Alcedo atthis			p	1	3	p		P	C	B	C	B
B	A054	Anas acuta			c				P	DD	C	B	C	B
B	A052	Anas crecca			w				P	DD	C	B	C	B
B	A053	Anas platyrhynchos			c				P	DD	C	B	C	B
B	A257	Anthus pratensis			c				P	DD	C	B	C	B
B	A226	Apus apus			r				P	DD	C	B	C	B

B	A773	Ardea alba			c				P	DD	C	B	C	B
B	A028	Ardea cinerea			w				P	DD	C	B	C	B
B	A029	Ardea purpurea			c				P	DD	C	B	C	B
B	A024	Ardeola ralloides			c				P	DD	C	B	C	B
B	A059	Aythya ferina			w				P	DD	C	B	C	B
B	A060	Aythya nyroca			w				P	DD	C	B	C	B
B	A133	Burhinus oedicnemus			c				P	DD	C	B	C	B
B	A087	Buteo buteo			p				P	DD	C	B	C	B
B	A149	Calidris alpina			c				P	DD	C	B	C	B
B	A861	Calidris pugnax			c				P	DD	C	B	C	B
B	A850	Calonectris diomedea			c				P	DD	C	B	C	B
B	A364	Carduelis carduelis			p				P	DD	C	B	C	B
B	A138	Charadrius alexandrinus			w				P	DD	C	B	B	B
B	A136	Charadrius dubius			c				P	DD	C	B	C	B
B	A137	Charadrius hiaticula			c				P	DD	C	B	C	B
B	A734	Chlidonias hybrida			c				P	DD	C	B	C	B
B	A363	Chloris chloris			p				P	DD	C	B	C	B
B	A030	Ciconia nigra			c				P	DD	C	B	C	B
B	A081	Circus aeruginosus			c				P	DD	C	B	C	B
B	A289	Cisticola juncidis			p				P	DD	C	B	C	B
B	A208	Columba palumbus			p				P	DD	C	B	C	B
B	A036	Cygnus olor			c				P	DD	C	B	C	B
B	A026	Egretta garzetta			c				P	DD	C	B	C	B
B	A269	Erithacus rubecula			w				P	DD	C	B	C	B
B	A103	Falco peregrinus			c				P	DD	C	B	C	B
B	A096	Falco tinnunculus			p				P	DD	C	B	C	B
B	A359	Fringilla coelebs			w				P	DD	C	B	C	B
B	A125	Fulica atra			p	40		p		M	C	B	C	B
B	A244	Galerida cristata			p				P	DD	C	B	C	B
B	A153	Gallinago gallinago			c				P	DD	C	B	C	B
B	A123	Gallinula chloropus			p				P	DD	C	B	C	B
B	A189	Gelochelidon nilotica			c				P	DD	C	B	C	B
B	A127	Grus grus			c				P	DD	C	B	C	B
B	A131	Himantopus himantopus			r	3	6	p		P	C	B	C	B
B	A251	Hirundo rustica			r				P	DD	C	B	C	B
B	A894	Hydroprogne caspia			c				P	DD	C	B	C	B
B	A022	Ixobrychus minutus			r	2	4	p		P	C	B	C	B
B	A338	Lanius collurio			c				P	DD	C	B	C	B
B	A341	Lanius senator			c				P	DD	C	B	C	B
B	A180	Larus genei			c				P	DD	C	B	C	B
B	A176	Larus melanocephalus			c				P	DD	C	B	C	B
B	A604	Larus michahellis			w				P	DD	C	B	C	B
B	A179	Larus ridibundus			w				P	DD	C	B	C	B
B	A476	Linaria cannabina			c				P	DD	C	B	C	B
B	A246	Lullula arborea			c				P	DD	C	B	C	B
B	A855	Mareca penelope			w				P	DD	C	B	C	B

B	A073	Milvus migrans			c				P	DD	C	B	C	B
B	A262	Motacilla alba			p				P	DD	C	B	C	B
B	A261	Motacilla cinerea			p				P	DD	C	B	C	B
B	A260	Motacilla flava			c				P	DD	C	B	C	B
B	A768	Numenius arquata arquata			c				P	DD	C	B	C	B
B	A023	Nycticorax nycticorax			c				P	DD	C	B	C	B
B	A278	Oenanthe hispanica			c				P	DD	C	B	C	B
B	A277	Oenanthe oenanthe			c				P	DD	C	B	C	B
B	A621	Passer italiae			p				P	DD	C	B	C	B
B	A356	Passer montanus			p				P	DD	C	B	C	B
B	A072	Pernis apivorus			c				P	DD	C	B	C	B
B	A017	Phalacrocorax carbo			c				P	DD	C	B	C	B
B	A115	Phasianus colchicus			c				P	DD	C	B	C	B
B	A663	Phoenicopterus roseus			c				P	DD	C	B	C	B
B	A035	Phoenicopterus ruber			c				P	DD	C	B	C	B
B	A572	Phylloscopus collybita			w				P	DD	C	B	C	B
B	A034	Platalea leucorodia			c				P	DD	C	B	C	B
B	A032	Plegadis falcinellus			c				P	DD	C	B	C	B
B	A008	Podiceps nigricollis			w				P	DD	C	B	C	B
B	A119	Porzana porzana			c				P	DD	C	B	C	B
B	A118	Rallus aquaticus			p				P	DD	C	B	C	B
B	A132	Recurvirostra avosetta			c				P	DD	C	B	C	B
B	A249	Riparia riparia			c				P	DD	C	B	C	B
B	A276	Saxicola torquatus			p				P	DD	C	B	C	B
B	A361	Serinus serinus			p				P	DD	C	B	C	B
B	A857	Spatula clypeata			w				P	DD	C	B	C	B
B	A856	Spatula querquedula			c				P	DD	C	B	C	B
B	A193	Sterna hirundo			c				P	DD	C	B	C	B
B	A210	Streptopelia turtur			c				P	DD	C	B	C	B
B	A351	Sturnus vulgaris			c				P	DD	C	B	C	B
B	A310	Sylvia borin			c				P	DD	C	B	C	B
B	A004	Tachybaptus ruficollis			r				P	DD	C	B	C	B
B	A228	Tachymarptis melba			r				P	DD	C	B	C	B
B	A048	Tadorna tadorna			w				P	DD	C	B	C	B
B	A161	Tringa erythropus			c				P	DD	C	B	C	B
B	A166	Tringa glareola			c				P	DD	C	B	C	B
B	A164	Tringa nebularia			c				P	DD	C	B	C	B
B	A165	Tringa ochropus			c				P	DD	C	B	C	B
B	A162	Tringa totanus			c				P	DD	C	B	C	B
B	A265	Trogodytes troglodytes			p				P	DD	C	B	C	B
B	A232	Upupa epops			c				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
A	6962	Bufo viridis Complex						C	X			X	X	
R	5670	Hierophis viridiflavus						P	X				X	
R	1250	Podarcis siculus						P	X				X	
P		Tamarix canariensis Willd.						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
N06	15.38
N04	31.44
N23	15.45
N08	0.77
N21	1.27
N03	35.69
Total Habitat Cover	100

Other Site Characteristics

Depressione retrodunale unica rimasta nella Calabria meridionale che ospita durante le migrazioni avifauna palustre. Il sito si colloca nel settore sud occidentale della costa Calabria compresa tra Capo dell'Armi e la Fiumara Melito e rappresenta un'area di forte accumulo di sedimenti. Questa particolare condizione é dovuta alla combinazione di diversi fattori tra cui il clima (venti e correnti) ed i notevoli apporti detritici (conglomerati e sabbie). I sedimenti trasportati da parte delle fiumare verso la costa derivano dall'erosione delle rocce metamorfiche ed intrusive delle unità tettoniche-strutturali dell'Aspromonte e sedimentarie delle unità stratigrafiche di età oligo-miocenica. L'area dal punto di vista bioclimatico appartiene alla fascia termomediterranea della regione mediterranea, con regime oceanico stagionale.

4.2 Quality and importance

Importante zona umida costiera per l'avifauna migratoria che risale la penisola italiana e vi sosta. E' questa l'unica zona umida nella Calabria meridionale. Il sito Saline Joniche rappresenta uno dei pochi ambienti palustri della Calabria con una caratteristica avifauna ed una flora caratterizzata da formazioni pioniere a Salicornia e prati umidi del Molinio-Holoschoenion. I sedimenti di quest'area costituiti da sabbie ben classate e peliti con notevoli quantità di sostanze organiche (vegetali) hanno caratteristiche geotecniche molto scadenti e sono interessati da notevoli cedimenti quando sottoposti ad elevati carichi

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		i
H	D01.04		o
M	M01		i
H	E02.01		o
H	D01.02		o
L	A04.01		b
H	J01.01		b
H	F03.01		b
M	E03.03		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

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

4.4 Ownership (optional)

Type		[%]
Public	National/Federal	0
	State/Province	0
	Local/Municipal	0
	Any Public	50
Joint or Co-Ownership		0
Private		50
Unknown		0
sum		100

4.5 Documentation

Regione Calabria - Dipartimento Ambiente e Territorio. Revisione e aggiornamento dei formulari realizzati nell'ambito del progetto “Mappatura e censimento di habitat e specie” - Finanziato con fondi FESR - POR Calabria 2014-20120 - Azione 6.5.A.1 - - -
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5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT00	100.0				

5.2 Relation of the described site with other sites:

5.3 Site designation (optional)

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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Organisation:	Città Metropolitana di Reggio Calabria
Address:	Piazza Italia - 89124 Reggio Calabria
Email:	protocollo@pec.provincia.rc.it

6.2 Management Plan(s):

An actual management plan does exist:

<input checked="" type="checkbox"/> Yes	Name: Servizio di supporto nella predisposizione del Piano di gestione dei siti Natura 2000 sul territorio della Provincia di Reggio Calabria. Documento definitivo di Piano e allegati. Provincia di Reggio Calabria, 2007. Link: https://www.regione.calabria.it/website/organizzazione/dipartimento11/subsite/parebio/retnat2000/piagestsitinat2000/
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- ☐ No, but in preparation
- ☐ No

6.3 Conservation measures (optional)

Con DGR n.278 del 19-07-2016 sono state approvate le misure di conservazione habitat e sito specifiche

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).

132 III° SE - 139 IV 1:25000 Gauss-Boaga