



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 IT4060005
SITENAME Sacca di Goro, Po di Goro, Valle Dindona, Foce del Po di Volano

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1. SITE IDENTIFICATION

1.1 Type C	1.2 Site code IT4060005	Back to top
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1.3 Site name

Sacca di Goro, Po di Goro, Valle Dindona, Foce del Po di Volano

1.4 First Compilation date 1995-05	1.5 Update date 2022-12
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1.6 Respondent:

Name /Organisation:	Regione Emilia-Romagna - Direzione Generale Cura del territorio e dell'ambiente - Servizio Aree protette, foreste e sviluppo della montagna
Address:	Viale Aldo Moro, 30 - 40127 Bologna
Email:	segrprn@regione.emilia-romagna.it

1.7 Site indication and designation / classification dates

Date site classified as SPA:	1988-10
National legal reference of SPA designation	Nota del Ministero dell'Ambiente per Commissione CEE n. 2401/SCN /1.1.1 del 17 ottobre 1988
Date site proposed as SCI:	1995-06
Date site confirmed as SCI:	No data
Date site designated as SAC:	2019-12
National legal reference of SAC designation:	DM 29/12/2019 - G.U. 294 del 16-12-2019

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude 12.321944 **Latitude** 44.81

2.2 Area [ha]:

4872.0

2.3 Marine area [%]

61.0

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code

Region Name

ITZZ	Extra-Regio
ITD5	Emilia-Romagna

2.6 Biogeographical Region(s)

Continental (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
1110			32.33		G	B	C	B	B
1130			177.71		G	A	B	A	A
1140			342.48		G	B	C	B	B
1150			2885.12		G	A	C	A	A
1210			68.78		G	A	C	A	A
1310			0.32		G	B	C	B	C
1320			91.76		G	B	B	A	A
1410			153.05		G	A	C	A	A
1420			1.0		P	B	C	B	B
2110			28.94		G	A	C	A	B
2120			12.75		G	C	C	A	B
2130			0.79		G	B	C	B	B
2230			1.28		G	D			
2270			15.76		G	B	C	A	A
3150			2.31		G	B	C	B	B
3270			1.93		G	B	C	B	B
6420			2.48		G	C	C	B	B
6430			5.13		G	B	C	B	B
91F0			1.73		G	B	C	B	B
92A0			11.39		G	A	C	A	A
9340			1.65		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.
F	1100	Acipenser naccarii			c				R	DD	B	B	C	A
B	A298	Acrocephalus arundinaceus			c				P	DD	C	B	C	C
B	A298	Acrocephalus arundinaceus			r				P	DD	C	B	C	C
B	A293	Acrocephalus melanopogon			r				P	DD	C	A	C	C
B	A293	Acrocephalus melanopogon			c				P	DD	C	A	C	C
B	A293	Acrocephalus melanopogon			w				P	DD	C	A	C	C
B	A293	Acrocephalus melanopogon			p				R	DD	C	A	C	C
B	A295	Acrocephalus schoenobaenus			r				P	DD	C	B	C	B
B	A295	Acrocephalus schoenobaenus			c				P	DD	C	B	C	B
B	A297	Acrocephalus scirpaceus			c				P	DD	C	B	C	C
B	A297	Acrocephalus scirpaceus			r				P	DD	C	B	C	C
B	A168	Actitis hypoleucos			c				P	DD	C	B	C	C
B	A168	Actitis hypoleucos			w	3	4	i		G	C	B	C	C
B	A229	Alcedo atthis			r				P	DD	C	B	C	C
B	A229	Alcedo atthis			p				R	DD	C	B	C	C
B	A229	Alcedo atthis			w				P	DD	C	B	C	C
B	A229	Alcedo atthis			c				P	DD	C	B	C	C
F	1103	Alosa fallax			c				P	DD	C	B	C	B
B	A054	Anas acuta			w				P	DD	C	B	C	C
B	A054	Anas acuta			c				P	DD	C	B	C	C
B	A052	Anas crecca			w	151	640	i		G	C	B	C	C
B	A052	Anas crecca			c				P	DD	C	B	C	C
B	A053	Anas platyrhynchos			c				P	DD	C	B	C	C
B	A053	Anas platyrhynchos			w	53	747	i		G	C	B	C	C
B	A053	Anas platyrhynchos			p				P	DD	C	B	C	C
B	A053	Anas platyrhynchos			r				P	DD	C	B	C	C
F	1152	Aphanius fasciatus			p				C	DD	C	B	C	B
B	A773	Ardea alba			w	8	51	i		G	C	A	B	B
B	A773	Ardea alba			c				P	DD	C	A	B	B
B	A028	Ardea cinerea			r	1	1	p		G	C	B	C	B
B	A028	Ardea cinerea			p				P	DD	C	B	C	B
B	A028	Ardea cinerea			w	10	51	i		G	C	B	C	B

B	A212	Cuculus canorus			r				P	DD	C	B	C	C
B	A212	Cuculus canorus			c				P	DD	C	B	C	C
B	A738	Delichon urbicum			c				P	DD	C	B	C	C
B	A026	Egretta garzetta			r	270	270	p		G	B	B	C	A
B	A026	Egretta garzetta			w	46	48	i		G	B	B	C	A
B	A026	Egretta garzetta			p				R	DD	B	B	C	A
B	A026	Egretta garzetta			c				P	DD	B	B	C	A
R	1220	Emys orbicularis			p				R	DD	C	B	C	C
B	A098	Falco columbarius			w	5	5	i	P	DD	C	B	C	B
B	A125	Fulica atra			p				P	DD	C	B	C	C
B	A125	Fulica atra			r				P	DD	C	B	C	C
B	A125	Fulica atra			w	2	271	i		G	C	B	C	C
B	A125	Fulica atra			c				P	DD	C	B	C	C
B	A153	Gallinago gallinago			c				P	DD	C	B	C	C
B	A153	Gallinago gallinago			w	16	84	i		G	C	B	C	C
B	A123	Gallinula chloropus			p				P	DD	C	B	C	C
B	A123	Gallinula chloropus			w				P	DD	C	B	C	C
B	A123	Gallinula chloropus			r				P	DD	C	B	C	C
B	A123	Gallinula chloropus			c				P	DD	C	B	C	C
B	A002	Gavia arctica			c				P	DD	C	B	C	C
B	A002	Gavia arctica			w	2	3	i		G	C	B	C	C
B	A001	Gavia stellata			w	1	2	i		G	B	B	C	B
B	A001	Gavia stellata			c				P	DD	B	B	C	B
B	A189	Gelochelidon nilotica			c				P	DD	C	B	C	C
B	A135	Glareola pratincola			r				R	DD	C	B	C	B
B	A130	Haematopus ostralegus			c				P	DD	A	B	C	A
B	A130	Haematopus ostralegus			w	13	26	i		G	A	B	C	A
B	A130	Haematopus ostralegus			p				P	DD	A	B	C	A
B	A130	Haematopus ostralegus			r	17	20	p		G	A	B	C	A
B	A131	Himantopus himantopus			c				P	DD	C	B	C	C
B	A131	Himantopus himantopus			r				P	DD	C	B	C	C
B	A251	Hirundo rustica			c				P	DD	C	B	C	C
B	A022	Ixobrychus minutus			c				P	DD	C	A	C	C
B	A022	Ixobrychus minutus			r				P	DD	C	A	C	C
F	1155	Knipowitschia panizzae			p				P	DD	C	B	C	A
P	1581	Kosteletzkya pentacarpos			p				P	DD	B	A	A	A
B	A182	Larus canus			c				P	DD	C	B	C	C
B	A182	Larus canus			w	1	59	i		G	C	B	C	C
B	A183	Larus fuscus			c				P	DD	C	B	C	C
B	A183	Larus fuscus			w	1	2	i		G	C	B	C	C
B	A180	Larus genei			w	1	16	i		G	C	B	C	C
B	A180	Larus genei			c				P	DD	C	B	C	C
B	A176	Larus melanocephalus			w	1	2	i		G	C	B	C	C
B	A176	Larus melanocephalus			c				P	DD	C	B	C	C
B	A604	Larus michahellis			c				P	DD	C	B	C	B
B	A604	Larus michahellis			r				P	DD	C	B	C	B

B	A005	Podiceps cristatus			r				R	DD	C	B	C	C
B	A005	Podiceps cristatus			p				P	DD	C	B	C	C
B	A005	Podiceps cristatus			c				P	DD	C	B	C	C
B	A005	Podiceps cristatus			w	117	270	i		G	C	B	C	C
B	A008	Podiceps nigricollis			c				P	DD	C	B	C	C
B	A008	Podiceps nigricollis			w	329	1033	i		G	C	B	C	C
F	1154	Pomatoschistus canestrinii			p				P	DD	C	B	C	A
B	A118	Rallus aquaticus			p				P	DD	C	B	C	C
B	A118	Rallus aquaticus			r				P	DD	C	B	C	C
B	A118	Rallus aquaticus			c				P	DD	C	B	C	C
B	A118	Rallus aquaticus			w	4	4	i		G	C	B	C	C
B	A132	Recurvirostra avosetta			c				P	DD	C	B	C	C
B	A132	Recurvirostra avosetta			w	1	3	i		G	C	B	C	C
F	1114	Rutilus pigus			p				V	DD	C	C	B	C
P	1443	Salicornia veneta			p				P	DD	B	A	A	A
B	A063	Somateria mollissima			c				P	DD	C	B	C	C
B	A063	Somateria mollissima			w				V	DD	C	B	C	C
B	A856	Spatula querquedula			c				P	DD	C	B	C	C
B	A193	Sterna hirundo			c				P	DD	C	B	C	C
B	A885	Sternula albifrons			c				P	DD	B	A	C	A
B	A885	Sternula albifrons			r				P	DD	B	A	C	A
B	A004	Tachybaptus ruficollis			p				P	DD	C	B	C	C
B	A004	Tachybaptus ruficollis			c				P	DD	C	B	C	C
B	A004	Tachybaptus ruficollis			r				P	DD	C	B	C	C
B	A004	Tachybaptus ruficollis			w	26	78	i		G	C	B	C	C
B	A048	Tadorna tadorna			r				P	DD	C	B	C	B
B	A048	Tadorna tadorna			c				P	DD	C	B	C	B
B	A048	Tadorna tadorna			w	24	59	i		G	C	B	C	B
B	A863	Thalasseus sandvicensis			w				V	DD	C	B	C	C
B	A863	Thalasseus sandvicensis			c				P	DD	C	B	C	C
B	A161	Tringa erythropus			c				P	DD	C	B	C	C
B	A161	Tringa erythropus			w	2	2	i		G	C	B	C	C
B	A166	Tringa glareola			c				P	DD	C	B	C	C
B	A164	Tringa nebularia			w	2	2	i		G	C	B	C	C
B	A164	Tringa nebularia			c				P	DD	C	B	C	C
B	A163	Tringa stagnatilis			w	1	1	i		G	D			
B	A163	Tringa stagnatilis			c				V	DD	D			
B	A162	Tringa totanus			c				P	DD	C	B	C	B
B	A162	Tringa totanus			w				P	DD	C	B	C	B
A	1167	Triturus carnifex			p				P	DD	C	B	C	B
B	A142	Vanellus vanellus			w	20	685	i		G	C	B	C	C
B	A142	Vanellus vanellus			c				P	DD	C	B	C	C

- **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		Anacamptis palustris						P			X			
P		Bassia hirsuta						P			X			
I		Calomera littoralis						P						X
P		Ceratophyllum demersum						P						X
P		Cladonia spp. (group)						P						
P		Erianthus ravennae						P						X
P		Euphorbia palustris						P						X
R	5670	Hierophis viridiflavus						P	X					
A	5358	Hyla intermedia						P	X					
M	5365	Hypsugo savii						P	X					
R	5179	Lacerta bilineata						P	X					
P		Leucojum aestivum						P						X
P		Limonium bellidifolium						P			X			
A		Lissotriton vulgaris						P			X			
M	1312	Nyctalus noctula						P	X					
P		Oenanthe lachenalii						P						X
A	6976	Pelophylax esculentus						P		X				
M	2016	Pipistrellus kuhlii						P	X					
P		Plantago cornutii						P			X			
R	1256	Podarcis muralis						P	X					
R	1250	Podarcis siculus						P	X					
P		Potamogeton natans						P						X
P		Rumex maritimus						P						X
P	1849	Ruscus aculeatus						P		X				
P		Salvinia natans						P			X			
P		Samolus valerandi						P						X
I		Scarabaeus semipunctatus						P			X			
P		Spartina maritima						P						X
P		Spirodela polyrhiza						P						X
P		Trapa natans						P			X			
P		Triglochin maritimum						P						X
P		Typha laxmannii						P			X			
R	6091	Zamenis longissimus						P	X					
I	6943	Zerynthia cassandra						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
N06	4.0
N02	62.0
N04	10.0
N20	4.0
N12	1.0
N07	1.0
N17	1.0
N08	1.0
N01	16.0
Total Habitat Cover	100

Other Site Characteristics

Grande sacca marina parzialmente isolata dal mare dagli scanni sabbiosi depositati alle bocche del Po. Gli scanni sabbiosi esterni presentano un'elevata naturalità, mentre le acque aperte sono intensamente utilizzate per la molluschicoltura. Il sito include i vasti canneti di valle Gorino, nei pressi della foce del Po di Goro, e della foce del Po di Volano, inoltre un lungo tratto del Po di Goro, con boschi ripariali, compresa la palude golenale della Dindona.

4.2 Quality and importance

Specie vegetali: CORINE allegato K: *Bassia hirsuta*. RARE e MINACCIATE: *Leucojum aestivum*, *Plantago cornuti*, *Trapa natans*, *Erianthus ravennae*. RARISSIME e MINACCIATE: *Typha laxmannii*, *Triglochin maritimum*, *Bassia hirsuta*, *Spartina maritima*, *Oenanthe lachenalii*. Importante garzaia di *Ardea purpurea* nei canneti di Valle Gorino. Importante colonia di *Sterna albifrons* sullo Scanno di Goro. Garzaia con presenza di *Ardeola ralloides* in Valle Dindona, golena del Po. Il tratto terminale del Po è di primaria importanza per la sopravvivenza di *Acipenser sturio* e dell'endemico *Acipenser naccari*.

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	B29		i
M	F07		i
H	J01		b
M	G14		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

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT02	12.0	IT36	14.0	IT04	74.0

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IT02	Riserva Nat. Statale Dune e isole della Sacca di Gorino	+	10.0
IT02	Riserva Naturale Statale Po di Volano	*	2.0
IT04	Parco Regionale Delta del Po	*	86.0

5.3 Site designation (optional)

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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Organisation:	ENTI GESTORI: Ente di Gestione per i Parchi e la Biodiversità Delta del Po - Reparto Carabinieri per la Biodiversità di Punta Marina
Address:	recapiti ed email consultabili sul web: http://ambiente.regione.emilia-romagna.it/it/parchi-natura2000/consultazione/enti-di-gestione/enti-gestione-parchi
Email:	-

6.2 Management Plan(s):

An actual management plan does exist:

<input checked="" type="checkbox"/> Yes	Name: Piani di Gestione del sito IT4060005 - Sacca di Goro, Po di Goro, Valle Dindona, Foce del Po di Volano Link: http://ambiente.regione.emilia-romagna.it/it/parchi-natura2000/rete-natura-2000/strumenti-di-gestione/misure-specifiche-di-conservazione-piani-di-gestione/elenco-documenti-approvati-per-sito-piani-di-gestione
<input type="checkbox"/> No, but in preparation	
<input type="checkbox"/> No	

6.3 Conservation measures (optional)

Le Misure Specifiche di Conservazione sono consultabili alla pagina web del sito: <http://ambiente.regione.emilia-romagna.it/it/parchi-natura2000/rete-natura-2000/siti/it4060005>

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).

206NO 205NE 188SO 187SE 187NE 1:25.000 UTM