



# 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 IT5160010  
SITENAME Padule Orti - Bottagone

## 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	1.2 Site code	<a href="#">Back to top</a>
C	IT5160010	

### 1.3 Site name

Padule Orti - Bottagone
-------------------------

1.4 First Compilation date	1.5 Update date
1995-07	2019-12

### 1.6 Respondent:

Name/Organisation:	Regione Toscana - Direzione Ambiente ed Energia - Settore Tutela della Natura e del Mare
Address:	Via di Novoli, 26 - 50127 Firenze
Email:	parchiareeprotette_biodiversita@regione.toscana.it

### 1.7 Site indication and designation / classification dates

Date site classified as SPA:	2004-03
National legal reference of SPA designation	Del.C.R. n.6 del 21/01/2004
Date site proposed as SCI:	1995-06
Date site confirmed as SCI:	No data
Date site designated as SAC:	2016-05
National legal reference of SAC designation:	DM 24/05/2016 - G.U. 139 del 16-06-2016

## 2. SITE LOCATION

### 2.1 Site-centre location [decimal degrees]:

[Back to top](#)

Longitude 10.599167      Latitude 42.968056

2.2 Area [ha]: 121.0      2.3 Marine area [%] 0.0

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
1150			21.79		M	B	C	B	A
1310			0.58		M	C	C	B	C
1410			7.0		M	B	C	B	B
1420			22.27		M	B	C	B	B
1510			0.08		M	D			
6420			0.38		M	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.
B	A293	<a href="#">Acrocephalus melanopogon</a>			w				P	DD	D			
B	A293	<a href="#">Acrocephalus melanopogon</a>			c				P	DD	D			
B	A050	<a href="#">Anas penelope</a>			w				P	DD	C	A	C	C
B	A053	<a href="#">Anas platyrhynchos</a>			w				P	DD	C	A	C	C
B	A055	<a href="#">Anas querquedula</a>			c				P	DD	C	A	C	C
B	A043	<a href="#">Anser anser</a>			c				R	DD	C	C	C	C
B	A255	<a href="#">Anthus campestris</a>			r				P	DD	D			
F	1152	<a href="#">Aphanius fasciatus</a>			p				V	DD	B	C	C	C
B	A028	<a href="#">Ardea cinerea</a>			w				P	DD	D			
B	A029	<a href="#">Ardea purpurea</a>			r				P	DD	D			
B	A024	<a href="#">Ardeola ralloides</a>			r				P	DD	D			
B	A021	<a href="#">Botaurus stellaris</a>			c				P	DD	D			
B	A021	<a href="#">Botaurus stellaris</a>			w				P	DD	D			
B	A133	<a href="#">Burhinus oedicnemus</a>			c				P	DD	C	B	C	C
B	A138	<a href="#">Charadrius alexandrinus</a>			p				P	DD	D			
B	A081	<a href="#">Circus aeruginosus</a>			p				P	DD	B	A	C	B
B	A082	<a href="#">Circus cyaneus</a>			w				C	DD	C	B	C	C
B	A231	<a href="#">Coracias garrulus</a>			c				V	DD	D			
B	A027	<a href="#">Egretta alba</a>			c				P	DD	D			
B	A026	<a href="#">Egretta garzetta</a>			w				P	DD	D			
R	1220	<a href="#">Emys orbicularis</a>			p				P	DD	C	B	C	B
B	A101	<a href="#">Falco biarmicus</a>			w	1	1	i		M	D			
B	A131	<a href="#">Himantopus himantopus</a>			r				P	DD	C	A	C	C
B	A022	<a href="#">Ixobrychus minutus</a>			r				P	DD	C	A	C	C
B	A152	<a href="#">Lymnocyptes minimus</a>			c				P	DD	D			
B	A023	<a href="#">Nycticorax nycticorax</a>			c				P	DD	D			
B	A017	<a href="#">Phalacrocorax carbo</a>			w				P	DD	D			
B	A035	<a href="#">Phoenicopterus ruber</a>			c				C	DD	C	B	C	C
B	A034	<a href="#">Platalea leucorodia</a>			w				R	DD	C	B	C	B

B	A132	<a href="#">Recurvirostra avosetta</a>			w				P	DD	D			
B	A132	<a href="#">Recurvirostra avosetta</a>			c				P	DD	D			
B	A048	<a href="#">Tadorna tadorna</a>			c				C	DD	C	B	C	C
B	A162	<a href="#">Tringa totanus</a>			r				P	DD	D			
A	1167	<a href="#">Triturus carnifex</a>			p				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
P		<a href="#">Althaea officinalis</a>						P						X
P		<a href="#">Arthrocnemum glaucum</a>						P						X
R		<a href="#">Lacerta bilineata</a>						P					X	
B		<a href="#">Sylvia cantillans moltonii</a>						R			X		X	
P		<a href="#">Zannichellia palustris ssp. pedicellata</a>						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

[Back to top](#)

### 4.1 General site character

Habitat class	% Cover
N09	10.0
N11	17.0
N03	10.0
N08	20.0
N07	20.0
N15	10.0
N23	3.0
N10	10.0
Total Habitat Cover	100

#### Other Site Characteristics

Porzione relitta di un preesistente sistema umido costiero, costituita da una zona dulciacquicola ed un'altra salmastra. Residuo di ambiente naturale in un'area urbanizzata e industrializzata.

### 4.2 Quality and importance

La posizione geografica rende il sito importantissimo per la sosta dell'avifauna; frequenti avvistamenti di specie rare o occasionali. Importanti nuclei nidificanti di Botaurus stellaris e Circus aeroginosus, unici casi di nidificazione di Recurvirostra avosetta e Tringa totanus in Toscana.

### 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]
L	F03.01		o
L	K01.05		i
M	H04		b
L	D01.01		i
M	H06.01		b

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

M	E01.01		o
L	K01.02		i
M	H01		i
M	D02.01		i
H	E02		o
L	K02.03		i
L	A07		o
L	A08		o
M	D01.02		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)

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

4.5 Documentation

Archivio RENATO - Repertorio Naturalistico Toscano - Regione ToscanaTomei P.E., Guazzi E. - Le zone umide della Toscana. Lista generale delle entità vegetali., 1994, Atti Mus. civ. Stor. nat. Grosseto, 15 (in stampa).Politi P., 1995, Lista degli Uccelli del Padule Orti-Bottagone., W.W.F. Piombino, inedito.Masseti M. - Le zone palustri di Orti e Bottagone (pp. 26-27)., 1990, In: Camerini L. (ed.). L'alta Maremma e le Colline livornesi. Viaggio in Toscana 2(23)., La Casa Usher. Firenze.Comunicazione Stefano Vanni.Uccelli:Arcamone E., Barbagli F. 1996 Cronaca ornitologica toscana: 1990-1991 Quaderni del Museo di Storia Naturale di Livorno, 14: 79-109.Arcamone E., Tellini G. 1992 Cronaca ornitologica toscana: 1988-1989 Quaderni del Museo di Storia Naturale di Livorno 12: 37-69.Comunicazione personale Centro Ornitologico Toscano.Pesci:Comunicazione personale Dr. L. Favilli, Dipartimento di Scienze Ambientali, Università di Siena, via P.A. Mattioli 4, 53100 Siena

5. SITE PROTECTION STATUS (optional)

[Back to top](#)

5.1 Designation types at national and regional level:

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT07	100.0	IT11	100.0		

5.2 Relation of the described site with other sites:

5.3 Site designation (optional)

6. SITE MANAGEMENT

[Back to top](#)

6.1 Body(ies) responsible for the site management:

Organisation:	Regione Toscana
Address:	Via di Novoli, 26 - 50127 Firenze
Email:	parchiareeprotette_biodiversita@regione.toscana.it

6.2 Management Plan(s):

An actual management plan does exist:

☐ Yes

☐ No, but in preparation

☒ 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).

