



# 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 IT51A0033  
SITENAME Lago di Burano

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## 1. SITE IDENTIFICATION

1.1 Type	1.2 Site code	<a href="#">Back to top</a>
A	IT51A0033	

### 1.3 Site name

Lago di Burano
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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:	1998-12
National legal reference of SPA designation	Del.C.R. n.342 del 10/11/ 1998

## 2. SITE LOCATION

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

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Longitude	Latitude
11.37487	42.401556

2.2 Area [ha]:	2.3 Marine area [%]
489.0	0.0

### 2.4 Sitelength [km]:

0.0

### 2.5 Administrative region code and name

NUTS level 2 code	Region Name
ITE1	Toscana

### 2.6 Biogeographical Region(s)

Mediterranean (100.0 %)

## 3. ECOLOGICAL INFORMATION

- **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)

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>			c				P	DD	C	A	C	A
B	A293	<a href="#">Acrocephalus melanopogon</a>			w				P	DD	C	A	C	A
B	A229	<a href="#">Alcedo atthis</a>			c				P	DD	C	A	C	B
B	A229	<a href="#">Alcedo atthis</a>			w				P	DD	C	A	C	B
B	A056	<a href="#">Anas clypeata</a>			c				P	DD	C	A	C	A
B	A056	<a href="#">Anas clypeata</a>			w	25	272	i		G	C	A	C	A
B	A052	<a href="#">Anas crecca</a>			c				P	DD	C	A	C	A
B	A052	<a href="#">Anas crecca</a>			w	79	980	i		G	C	A	C	A
B	A050	<a href="#">Anas penelope</a>			c				P	DD	C	A	C	A
B	A050	<a href="#">Anas penelope</a>			w	4	1160	i		G	C	A	C	A
B	A053	<a href="#">Anas platyrhynchos</a>			c				P	DD	C	A	C	A
B	A053	<a href="#">Anas platyrhynchos</a>			w	164	623	i		G	C	A	C	A
B	A051	<a href="#">Anas strepera</a>			w	1	73	i		G	C	A	C	B
B	A051	<a href="#">Anas strepera</a>			c				P	DD	C	A	C	B
B	A043	<a href="#">Anser anser</a>			c				P	DD	C	A	C	B
B	A043	<a href="#">Anser anser</a>			w	1	51	i		G	C	A	C	B
F	1152	<a href="#">Aphanius fasciatus</a>			p				P	DD	D			
B	A090	<a href="#">Aquila clanga</a>			c				R	DD	C	A	C	C
B	A090	<a href="#">Aquila clanga</a>			w				R	DD	C	A	C	C
B	A029	<a href="#">Ardea purpurea</a>			c				P	DD	C	A	C	A
B	A024	<a href="#">Ardeola ralloides</a>			c				P	DD	C	A	C	B
B	A222	<a href="#">Asio flammeus</a>			c				P	DD	C	A	C	B
B	A059	<a href="#">Aythya ferina</a>			w	110	3537	i		G	B	A	C	A
B	A059	<a href="#">Aythya ferina</a>			c				P	DD	B	A	C	A
B	A061	<a href="#">Aythya fuligula</a>			w	16	814	i		G	C	A	C	A
B	A061	<a href="#">Aythya fuligula</a>			c				P	DD	C	A	C	A
B	A060	<a href="#">Aythya nyroca</a>			w				P	DD	D			
B	A060	<a href="#">Aythya nyroca</a>			c				P	DD	D			

B	A021	<a href="#">Botaurus stellaris</a>			c				P	DD	C	A	C	B
B	A021	<a href="#">Botaurus stellaris</a>			w	1	3	i		G	C	A	C	B
B	A133	<a href="#">Burhinus oedicnemus</a>			c				P	DD	C	A	C	B
B	A243	<a href="#">Calandrella brachydactyla</a>			c				P	DD	C	A	C	A
B	A243	<a href="#">Calandrella brachydactyla</a>			r				P	DD	C	A	C	A
B	A224	<a href="#">Caprimulgus europaeus</a>			c				P	DD	C	A	C	A
B	A224	<a href="#">Caprimulgus europaeus</a>			r				C	DD	C	A	C	A
B	A138	<a href="#">Charadrius alexandrinus</a>			w				R	DD	B	A	C	A
B	A138	<a href="#">Charadrius alexandrinus</a>			r				P	DD	B	A	C	A
B	A138	<a href="#">Charadrius alexandrinus</a>			c				P	DD	B	A	C	A
B	A196	<a href="#">Chlidonias hybridus</a>			c				P	DD	C	A	C	B
B	A197	<a href="#">Chlidonias niger</a>			c				P	DD	C	A	C	B
B	A031	<a href="#">Ciconia ciconia</a>			c				P	DD	C	A	C	C
B	A030	<a href="#">Ciconia nigra</a>			c				R	DD	C	A	C	C
B	A081	<a href="#">Circus aeruginosus</a>			c				P	DD	C	A	C	B
B	A081	<a href="#">Circus aeruginosus</a>			w	6	16	i		G	C	A	C	B
B	A082	<a href="#">Circus cyaneus</a>			c				P	DD	C	A	C	C
B	A082	<a href="#">Circus cyaneus</a>			w	1	3	i		G	C	A	C	C
B	A211	<a href="#">Clamator glandarius</a>			r				R	DD	D			
B	A231	<a href="#">Coracias garrulus</a>			c				P	DD	C	A	C	B
B	A113	<a href="#">Coturnix coturnix</a>			w				P	DD	C	A	C	A
B	A113	<a href="#">Coturnix coturnix</a>			c				P	DD	C	A	C	A
B	A113	<a href="#">Coturnix coturnix</a>			r				P	DD	C	A	C	A
B	A027	<a href="#">Egretta alba</a>			w	13	72	i		G	C	A	C	A
B	A027	<a href="#">Egretta alba</a>			c				P	DD	C	A	C	A
B	A026	<a href="#">Egretta garzetta</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
I	6199	<a href="#">Euplagia quadripunctaria</a>			p				P	DD	C	B	C	B
B	A101	<a href="#">Falco biarmicus</a>			w	1	5	i		G	C	A	C	C
B	A096	<a href="#">Falco tinnunculus</a>			w				P	DD	C	A	C	B
B	A096	<a href="#">Falco tinnunculus</a>			c				P	DD	C	A	C	B
B	A096	<a href="#">Falco tinnunculus</a>			r				P	DD	C	A	C	B
B	A125	<a href="#">Fulica atra</a>			r				P	DD	C	A	C	A
B	A125	<a href="#">Fulica atra</a>			w	326	13416	i		G	C	A	C	A
B	A125	<a href="#">Fulica atra</a>			c				P	DD	C	A	C	A
B	A153	<a href="#">Gallinago gallinago</a>			w	1	6	i		G	C	A	C	B
B	A153	<a href="#">Gallinago gallinago</a>			c				P	DD	C	A	C	B
B	A154	<a href="#">Gallinago media</a>			c				P	DD	C	A	C	C
B	A189	<a href="#">Gelochelidon nilotica</a>			c				P	DD	C	A	C	C
B	A135	<a href="#">Glareola pratincola</a>			c				R	DD	C	A	C	C
B	A127	<a href="#">Grus grus</a>			c				P	DD	C	A	C	A
B	A127	<a href="#">Grus grus</a>			w	1	1	i		G	C	A	C	A
B	A131	<a href="#">Himantopus himantopus</a>			r				P	DD	D			
B	A131	<a href="#">Himantopus himantopus</a>			c				P	DD	C	A	C	B
B	A022	<a href="#">Ixobrychus minutus</a>			r				P	DD	C	A	C	C
B	A022	<a href="#">Ixobrychus minutus</a>			c				P	DD	C	A	C	C
B	A338	<a href="#">Lanius collurio</a>			c				P	DD	C	A	C	A
B	A341	<a href="#">Lanius senator</a>			c				P	DD	C	A	C	B
B	A341	<a href="#">Lanius senator</a>			r				P	DD	C	A	C	B
B	A181	<a href="#">Larus audouinii</a>			c				P	DD	C	B	C	C
B	A180	<a href="#">Larus genei</a>			c				R	DD	C	B	C	C
B	A176	<a href="#">Larus melanocephalus</a>			c				P	DD	C	A	C	B
B	A176	<a href="#">Larus melanocephalus</a>			w				P	DD	C	A	C	B
B	A157	<a href="#">Limosa lapponica</a>			c				P	DD	C	B	C	B
B	A272	<a href="#">Luscinia svecica</a>			c				P	DD	C	A	C	A
B	A057	<a href="#">Marmaronetta angustirostris</a>			w	1	1	i		G	D			
B	A068	<a href="#">Mergus albellus</a>			w				R	DD	D			
B	A073	<a href="#">Milvus migrans</a>			c				P	DD	C	A	C	B
B	A074	<a href="#">Milvus milvus</a>			c				P	DD	C	A	C	C

B	A160	<a href="#">Numenius arquata</a>			w				R	DD	C	B	C	C
B	A160	<a href="#">Numenius arquata</a>			c				C	DD	C	B	C	C
B	A023	<a href="#">Nycticorax nycticorax</a>			c				P	DD	C	A	C	B
B	A214	<a href="#">Otus scops</a>			r				P	DD	C	A	C	B
B	A214	<a href="#">Otus scops</a>			w				P	DD	C	A	C	B
B	A214	<a href="#">Otus scops</a>			c				P	DD	C	A	C	B
B	A094	<a href="#">Pandion haliaetus</a>			c				P	DD	C	A	C	A
B	A019	<a href="#">Pelecanus onocrotalus</a>			w				V	DD	D			
B	A072	<a href="#">Pernis apivorus</a>			c				P	DD	C	A	C	B
B	A017	<a href="#">Phalacrocorax carbo</a>			c				C	DD	C	B	C	B
B	A017	<a href="#">Phalacrocorax carbo</a>			w	21	179	i		G	C	B	C	B
B	A393	<a href="#">Phalacrocorax pygmeus</a>			w				V	DD	D			
B	A170	<a href="#">Phalaropus lobatus</a>			c				R	DD	C	A	C	C
B	A151	<a href="#">Philomachus pugnax</a>			c				P	DD	C	A	C	A
B	A035	<a href="#">Phoenicopterus ruber</a>			c				C	DD	B	B	C	B
B	A035	<a href="#">Phoenicopterus ruber</a>			w	1	669	i		G	B	B	C	B
B	A034	<a href="#">Platalea leucorodia</a>			c				P	DD	C	A	C	B
B	A032	<a href="#">Plegadis falcinellus</a>			c				P	DD	C	A	C	A
B	A140	<a href="#">Pluvialis apricaria</a>			c				P	DD	C	A	C	A
B	A140	<a href="#">Pluvialis apricaria</a>			w				R	DD	C	A	C	A
B	A008	<a href="#">Podiceps nigricollis</a>			w				R	DD	C	B	C	C
B	A008	<a href="#">Podiceps nigricollis</a>			c				C	DD	C	B	C	C
B	A120	<a href="#">Porzana parva</a>			c				P	DD	C	A	C	A
B	A119	<a href="#">Porzana porzana</a>			c				P	DD	C	A	C	A
B	A132	<a href="#">Recurvirostra avosetta</a>			c				P	DD	C	B	C	C
B	A195	<a href="#">Sterna albifrons</a>			c				P	DD	C	A	C	A
B	A190	<a href="#">Sterna caspia</a>			c				P	DD	C	A	C	B
B	A193	<a href="#">Sterna hirundo</a>			c				P	DD	C	A	C	C
B	A191	<a href="#">Sterna sandvicensis</a>			c				P	DD	C	A	C	A
B	A191	<a href="#">Sterna sandvicensis</a>			w	5	62	i		G	C	A	C	A
B	A048	<a href="#">Tadorna tadorna</a>			c				C	DD	C	B	C	C
B	A048	<a href="#">Tadorna tadorna</a>			w				R	DD	C	B	C	C
B	A166	<a href="#">Tringa glareola</a>			c				P	DD	C	A	C	A
A	1167	<a href="#">Triturus carnifex</a>			p				P	DD	C	B	C	B
B	A142	<a href="#">Vanellus vanellus</a>			c				P	DD	C	A	C	A
B	A142	<a href="#">Vanellus vanellus</a>			w	35	5300	i		G	C	A	C	A

- **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="#">Artemisia coerulescens var. palmata</a>						P						X
I		<a href="#">Brithys crini</a>						P						X
A	1201	<a href="#">Bufo viridis</a>						P	X					
I		<a href="#">Ceriagrion tenellum</a>						P					X	
P		<a href="#">Euphorbia palustris</a>						P						X
A	1203	<a href="#">Hyla arborea</a>						P	X					
R		<a href="#">Lacerta bilineata</a>						P					X	
I		<a href="#">Laelia coenosa</a>						P			X			
P		<a href="#">Potamogeton pectinatus</a>						P						X

A	1209	<a href="#">Rana dalmatina</a>						P	X					
P		<a href="#">Ruppia maritima</a>						P						X
I	1053	<a href="#">Zerynthia polyxena</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

4.1 General site character

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Habitat class	% Cover
N04	15.0
N05	2.0
N12	10.0
N07	20.0
N03	50.0
N08	3.0
Total Habitat Cover	100

Other Site Characteristics

Ampio bacino salmastro retrodunale caratterizzato da una fascia di fragmiteto pressoché ininterrotto lungo tutto il perimetro.

4.2 Quality and importance

Zona umida costiera tra le più importanti a livello regionale per la conservazione dell'avifauna acquatica nidificante, svernante e migratoria, inclusa tra i siti ICBP. Rappresenta il sito Toscano più importante per lo svernamento delle anatre tuffatrici e il secondo per Fulica atra, di interesse nazionale per Aythya ferina e Aythya fuligula; regolarmente svernante anche Aythya nyroca.Da segnalare la presenza dell'anfibio Triturus carnifex specie endemica italiana e del lepidottero Callimorpha quadripunctata (nec quadripunctata!).

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]
H	K01.01		I
M	A02		O
M	D01.01		I
M	A07		I
H	K02.02		I
M	H01.03		O
M	F03.01		I
M	F02.02		I

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]
H	J02.04		I

4.4 Ownership (optional)

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

4.5 Documentation

- Ministero dell'Ambiente. Servizio Conservazione Natura., 1992, Inventario delle zone umide del territorio italiano: pp. 263. Comunicazione Stefano Vanni.- Comunicazione Fabio Cianchi.- Comunicazione Filippo Fabiano & Paolo Maria Casini.- Canu A., Indelli G., 1989, Le oasi del WWF. Storia, ambiente, itinerari dei paradisi naturalistici italiani., G. Mondadori, Milano, 207 pp.Uccelli:- Arcamone E. - 1989 - Lo svernamento di Anseriformi e Folaga in Toscana. 1984-1988., Quad. Mus. Stor. Nat. Livorno 10, Suppl. 1.- 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. 1987. Cronaca ornitologica toscana: 1986 Quaderni del Museo di Storia Naturale di Livorno 8:139-154.- Arcamone E., Tellini G. 1988. Cronaca ornitologica italiana: 1987 Quaderni del Museo di Storia Naturale di Livorno 9: 75-90.- Arcamone E., Tellini G. 1992. Cronaca ornitologica toscana: 1988-1989 Quaderni del Museo di Storia Naturale di Livorno 12: 37-69.- Centro Ornitologico Toscano.- Liberatori F., Penteriani V., Pinchera F. 1991. Densità e distribuzione del Falco di palude, Circus aeruginosus, in Toscana Avocetta, 15: 51-54.- Tellini Florenzano G., Arcamone E., Baccetti N., Meschini E., Sposimo P. (eds.) 1997. Atlante degli uccelli nidificanti e svernanti in Toscana (1982-1992) Quaderni del Museo di Storia Naturale di Livorno, Monografie, 1: 414 pp.Piante Vascolari:- Pedrotti F., Cortini Pedrotti C., Orsomando E. - The phytosociological map of Burano (Tuscany)., 1979, Webbia, 34: 529-531.; - Tomei P.E., Guazzi E. - Le zone umide della Toscana. Lista generale delle entità vegetali., 1994, Atti Mus. civ. Stor. nat. Grosseto, 15 (in stampa).; Mammiferi:- Nardi R. - La lontra nelle Valli del Farma e del Merse., 1986, In: Cassola F. (a cura di), La Lontra in Italia., WWF Italia, serie Atti e Studi 5: 65-67.

Insetti:- Prola G. & Prola C. - Libro rosso delle farfalle italiane., 1990, Quaderni W.W.F. n. 13. - Sbordonì V. - 1974 - Lelia coenosa Hueb. al Lago di Burano. Bollettino W.W.F., 2: 10-11.- Comunicazione Fabio Terzani.- Terzani F. - 1986 - Gli Odonati della provincia di Grosseto (XI contributo alla conoscenza degli Odonati italiani). Atti Mus. civ. St. nat. Grosseto, 7/8: 33-51.

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	100.0	IT11	100.0	IT13	47.0

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IT02	Duna del Lago di Burano	/	
IT41	Duna del Lago di Burano	/	
IT42	ZPS Lago di Burano	-	100.0

5.3 Site designation (optional)

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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Organisation:	Regione Toscana
Address:	Via di Novoli, 26 - 50127 Firenze
Email:	parchiareeprotette_biodiversita@regione.toscana.it
Organisation:	WWF
Address:	Via Garigliano 57, 00198 Roma; tel 06/844971. Direzione e Centro Visite: 58010 Capalbio Scalo (GR) tel. 0564/898829.
Email:	

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

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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).

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