



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 IT5120017
SITENAME Lago e Padule di Massacciucoli

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1. SITE IDENTIFICATION

1.1 Type	1.2 Site code	Back to top
C	IT5120017	

1.3 Site name

Lago e Padule di Massacciucoli

1.4 First Compilation date	1.5 Update date
1995-07	2020-12

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
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]:

Longitude 10.321389 Latitude 43.841667

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

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1906.0

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

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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
3130			0.01		M	D			
3150			2.35		M	C	C	B	B
3270			0.001		M	D			
3280			0.002		M	D			
6420			1.7E-4		M	D			
6430			0.001		M	D			
7140			0.26		M	D			
7210			256.69		M	B	B	B	A
91E0			3.03		M	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	A293	Acrocephalus melanopogon			w	1000	1000	i		G	C	A	C	A
B	A293	Acrocephalus melanopogon			r	400	600	p		G	A	B	C	B
B	A293	Acrocephalus melanopogon			c				C	DD	C	A	C	A
B	A294	Acrocephalus paludicola			c				R	DD	C	A	C	B

B	A229	Alcedo atthis			r				P	DD	C	A	C	B
B	A229	Alcedo atthis			c				P	DD	C	A	C	B
B	A229	Alcedo atthis			w				P	DD	C	A	C	B
B	A055	Anas querquedula			r	1	3	p		P	A	B	C	B
B	A055	Anas querquedula			c	1000	1000	i		G	C	A	C	A
B	A043	Anser anser			c				R	DD	D			
F	1152	Aphanius fasciatus			p				P	DD	D			
B	A029	Ardea purpurea			r	120	200	p		G	B	A	C	A
B	A029	Ardea purpurea			c				P	DD	B	A	C	A
B	A024	Ardeola ralloides			c				P	DD	C	A	C	A
B	A222	Asio flammeus			c				P	DD	C	A	C	B
B	A059	Aythya ferina			w	5	20	i		G	C	C	C	C
B	A059	Aythya ferina			c				P	DD	C	C	C	B
B	A060	Aythya nyroca			w				P	DD	D			
B	A021	Botaurus stellaris			w				P	DD	B	A	C	B
B	A021	Botaurus stellaris			r	1	1	p		G	C	C	C	C
B	A021	Botaurus stellaris			c				C	DD	C	A	C	A
B	A196	Chlidonias hybridus			c	10	10	i		G	C	A	C	A
B	A197	Chlidonias niger			c	100	100	i		G	C	A	C	A
B	A031	Ciconia ciconia			c				R	DD	C	B	C	C
B	A030	Ciconia nigra			c				R	DD	C	B	C	C
B	A080	Circaetus gallicus			c				R	DD	D			
B	A081	Circus aeruginosus			w	55	65	i		G	C	A	C	A
B	A081	Circus aeruginosus			r	10	20	p		G	C	A	C	A
B	A081	Circus aeruginosus			c				P	DD	B	A	C	A
B	A082	Circus cyaneus			c				P	DD	C	A	C	A
B	A082	Circus cyaneus			w				P	DD	C	A	C	A
B	A084	Circus pygargus			c				P	DD	C	B	C	C
F	5304	Cobitis bilineata			p				P	DD	C	C	C	C
B	A027	Egretta alba			c				P	DD	C	A	C	A
B	A027	Egretta alba			w	60	90	i		G	C	A	C	A
B	A026	Egretta garzetta			c				P	DD	C	A	C	A
B	A026	Egretta garzetta			w	80	150	i		DD	C	A	C	A
B	A101	Falco biarmicus			c				R	DD	C	C	C	C
B	A125	Fulica atra			r				P	DD	C	C	C	C
B	A125	Fulica atra			w				P	DD	C	C	C	C
B	A125	Fulica atra			c				P	DD	C	C	C	C
B	A002	Gavia arctica			w				V	DD	C	B	C	C
B	A001	Gavia stellata			w				V	DD	C	B	C	C
B	A189	Gelochelidon nilotica			c				P	DD	C	A	C	B
B	A135	Glareola pratincola			c				P	DD	D			
B	A127	Grus grus			w				R	DD	C	B	C	C
B	A127	Grus grus			c				P	DD	C	B	C	C
B	A131	Himantopus himantopus			r	2	20	p		G	C	B	C	B
B	A131	Himantopus himantopus			c				P	DD	C	B	C	B
B	A022	Ixobrychus minutus			r	15	45	p		G	C	C	C	B

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		Anagallis tenella			8	8	area				X			
P		Baldellia ranunculoides			100	175	area							X
P		Cirsium palustre			200	375	area							X
P		Cladium mariscus			4000	5000	area							X
P		Drosera rotundifolia			200	375	area				X			
P		Eleocharis uniglumis			500	750	area							X
P		Epipactis palustris			30	30	area							X
I		Erythromma viridulum						P						X
P		Euphorbia palustris			50	75	area							X
P		HIBISCUS PALUSTRIS L.			50	75	area				X			
P		HYDROCOTYLE RANUNCULOIDES L. FIL.			4000	5000	area				X			
A	1203	Hyla arborea						P	X					
P		Leucojum aestivum			500	750	area							X
I		Libellula fulva						P						X
P		Nymphoides peltata			8	8	area				X			
P		Orchis palustris			100	175	area				X			
P		Osmunda regalis						P						X
B		Panurus biarmicus						R						X
P		Periploca graeca			500	750	area				X			
I		Planorbarius corneus						P						X
P		Rhynchospora alba			8	8	area				X			
P		Sagittaria sagittifolia			500	750	area				X			
P		Salvinia natans						P			X			
P	1409	Sphagnum spp.			4000	5000	area			X				
P	1900	Spiranthes aestivalis			30	30	area		X					
P		SPIRODELA POLYRRHIZA (L.) SCHLEID.			4000	5000	area							X
P		Thelypteris palustris						P						X
I		Theodoxus fluviatilis						P						X
I		Trithemis annulata						R						X
I	1033	Unio elongatulus						P		X				
P		Utricularia australis			4000	5000	area				X			
I		Viviparus contectus						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
N23	1.0
N10	20.0
N11	1.0
N07	38.0
N06	40.0
Total Habitat Cover	100

Other Site Characteristics

Lago di modesta profondità soggetto da tempo a processi di eutrofizzazione.

4.2 Quality and importance

Area umida di notevole importanza faunistica e floristica. Conserva sui margini superfici palustri e aggallti con rara flora idrofittica ed elofittica. Sito ICBP per la presenza di specie ornitiche rare e minacciate, nidificanti e svernanti. Maggiori nuclei toscani di Botaurus stellaris e Ardea purpurea. Presenza dell'Anfibio Triturus carnifex, endemismo italiano.
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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	K04.05		i
M	E02		o
M	I03		b
M	J02.10		b
M	E01		o
L	J02.02		i
M	A07		o
L	E03		o
H	A02.01		o
H	J02.04.02		o
M	F03.01		b
H	J02.01.03		i
L	J02.06.01		o
H	H01	P	i
H	I01		b
M	J02.09.01		o
M	J01.01		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]
	X		

4.4 Ownership (optional)

Type		[%]
Public	National/Federal	0
	State/Province	0
	Local/Municipal	0
	Any Public	80
Joint or Co-Ownership		0
Private		20
Unknown		0

sum	100
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4.5 Documentation

Archivio RENATO - Repertorio Naturalistico Toscano - Regione ToscanaUccelli: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. 1986. Cronaca ornitologica toscana: 1985. Quaderni del Museo di Storia Naturale di Livorno 7: 105-108.Arcamone E., Tellini G. 1987. Cronaca ornitologica toscana: 1986. Quaderni del Museo di Storia Naturale di Livorno 8:139-154.Arcamone E., Tellini G. 1992. Cronaca ornitologica toscana: 1988-1989. Quaderni del Museo di Storia Naturale di Livorno 12: 37-69.Tellini G., Arcamone E., Baccetti N., Meschini E., Sposimo P., 1997 - Atlante degli uccelli nidificanti e svernanti in Toscana., , Quad. Mus. Stor. Nat. Livorno, Monografia n.1. Grimmet R.F.A., Jones T.A. - Important Bird Areas in Europe., 1989, International Council for Bird Preservation, Techn. Publ. n° 9, Cambridge. Arcamone E. - Lo svernamento di Anseriformi e Folaga in Toscana. 1984-1988., 1989, Quad. Mus. Stor. Nat. Livorno 10, Suppl. 1.Insetti:Collezione Fabio Terzani, Firenze.

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT04	100.0	IT13			

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IT41	Selva Pisana	/	
IT04	Selva Pisana	/	
IT13	Selva Pisana	/	

5.3 Site designation (optional)

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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Organisation:	Parco Regionale Migliarino S. Rossore Massaciuccoli
Address:	
Email:	

6.2 Management Plan(s):

An actual management plan does exist:

<input type="checkbox"/> Yes	Name: Piano del Parco approvato. Link:
<input type="checkbox"/> No, but in preparation	
<input checked="" type="checkbox"/> No	

6.3 Conservation measures (optional)

Piano del Parco approvato.

7. MAP OF THE SITES

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INSPIRE ID:	
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☐ Yes ☒ No

Reference(s) to the original map used for the digitalisation of the electronic boundaries (optional).

240NO 239NE 223SO 1:25.000 UTM