



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 IT5170001

SITENAME Dune litoranee di Torre del Lago

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1. SITE IDENTIFICATION

1.1 Type	1.2 Site code Back to top
C	IT5170001

1.3 Site name

Dune litoranee di Torre del Lago

1.4 First Compilation date	1.5 Update date
1995-07	2015-12

1.6 Respondent:

Name/Organisation: Regione Toscana -D.G. Politiche Ambientali,Energia e Cambiamenti
Climatici-Settore Tutela e Valorizzazione Risorse Ambientali

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	No data
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]:

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Longitude

10.2538888888889

Latitude

43.8286111111111

2.2 Area [ha]:

123.0

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

ITE1

Toscana






2.6 Biogeographical Region(s)

Mediterranean (100.0
%)

3. ECOLOGICAL INFORMATION

3.1 Habitat types present on the site and assessment for them

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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
1210 			1.23			B	C	B	B
1410 			2.46			C	C	C	C
2110 			3.69			B	C	B	B
2120 			6.15			B	C	B	B
2210 			1.23			C	C	B	B

2230			2.46			B		C	C	B
2240			1.23			B		C	B	B
2250			6.15			A		C	B	B
2260			1.23			B		C	B	B
2270			3.69			D				
3140			1.23			B		C	B	C
3150			1.23			B		C	C	C
6420			6.15			B		C	B	B
7210			1.23			C		C	C	C

- **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	A229	Alcedo atthis			w				P	DD	D			
B	A229	Alcedo atthis			r				P	DD	D			
B	A229	Alcedo atthis			c				P	DD	D			
B	A243	Calandrella brachydactyla			r	10	12	p		G	C	C	C	C
B	A224	Caprimulgus europaeus			r				P	DD	C	B	C	C
B	A138	Charadrius alexandrinus			r	1	5	i		G	C	B	C	C
B	A066	Melanitta fusca			w				C	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		Ammophila arenaria arundinacea						P						X
P		Baldellia ranunculoides						P						X
P		Centaurea subciliata						P				X		
P		Cladium mariscus						P						X
P		Eleocharis geniculata						V						X
P		Elymus pycnanthus						R						X
P		Epipactis palustris						R					X	
I		Hydroporus gridellii						P				X		
I		Hygrotus decoratus						R						X
I		Hyphydrus anatolicus						R						X
P		Inula chrithmoides						R						X
R		Lacerta bilineata						P					X	
P		Orchis laxiflora						R					X	
P		Orchis palustris						R					X	
P		Otanthus maritimus						P						X
P		Pancratium maritimum						P						X
P		Periploca graeca						C			X			
R	1250	Podarcis sicula						C	X					

P		Pycnocomon rutifolium						C						X
A	1210	Rana esculenta						C		X				
P		Solidago virgaurea ssp. litoralis						C				X		
P		STACHYS MARITIMA GOUAN						P						X
P		Stachys recta var. psammofila						P				X		
B		Sylvia cantillans moltonii						R			X		X	
P		Utricularia vulgaris						P						X
P		Vitex agnus-castus						V						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
N19	5.0
N05	5.0
N06	5.0
N04	85.0
Total Habitat Cover	100

Other Site Characteristics

Complesso litoraneo di dune embrionali alternate a depressioni umide interdunali.

4.2 Quality and importance

Malgrado la forte pressione antropica estiva il litorale conserva parte della tipica vegetazione psammofila. comprese le endemiche toscane Solidago litoralis, Centaurea subciliata e Stachys recta var. psammofila. Particolarmente cospicua la popolazione nidificante di Calandrella brachydactyla.

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	G02		b
M	K01.02		i
L	D03.01		o
M	D01.01		i
H	E01.01		o
M	D01.02		o
H	G05.01		i
L	G01.01		o
M	K04.05		b
M	G05		i
M	H06.02		o
H	G05.05		i
M	G01.08		i
M	K03.06		i
M	H05.01		b
H	I01		b
M	H06.01		o
M	G01.02		i
H	B01.01		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
	State/Province
	Local/Municipal
	Any Public
Joint or Co-Ownership	
Private	
Unknown	
sum	

4.5 Documentation

Paderi E. - Modificazioni storiche del litorale dal Serchio a Motrone., 1935, Universo: 137-147. Piante Vascolari: Comunicazione Pier Virgilio Arrigoni. Arrigoni P.V. - Flora e vegetazione della Macchia Lucchese di Viaregio (Toscana)., 1990, Webbia, 44(1): 1-62. Cavalli S., Lambertini M., 1990, Il Parco Naturale Migliarini - San Rossore - Massaciuccoli., Pacini Ed., Ospedaletto (Pisa). Vannini L. - La Flora della Pineta di Viareggio e della spiaggia contigua., 1937, L'Alpe, 24: 301-312. Lombardi L. Colligiani L e Turini M. 2006. "Analisi vegetazionali e floristiche, verifica distribuzione fitocenosi esotiche, realizzazione monitoraggio ante operam e redazione cartografie tematiche" Conservazione degli ecosistemi costieri della Toscana Settentrionale. Parco Regionale Migliarino San Rossore Massaciuccoli/NEMO, Firenze srl, Relazione tecnica non pubblicata Progetto Life05 NAT/IT/37. Lombardi L., Colligiani e Perfetti A. 2004. "Habitat dunali del parco: caratterizzazione naturalistica, stato di conservazione e indicazioni gestionali". Parco Regionale Migliarino San Rossore Massaciuccoli/NEMO, Firenze srl, Relazione tecnica non pubblicata. Tomei P. E. e A. Sani 2006 "Studio sulla flora e la vegetazione del litorale di San Rossore dopo la realizzazione di pennelli per la difesa costiera" Parco Regionale Migliarino San Rossore Massaciuccoli/Università di Pisa, Relazione tecnica non pubblicata. Insetti: Angelini F. - Catalogo topografico dei Coleoptera Haliplidae, Hygrobiidae,

Dytiscidae e Gyrinidae d'Italia., 1982, Mem. Soc. Ent. Ital., 61: 45-126. Focarile A. - Ricerche coleotterologiche sul litorale ionico della Puglia, Lucania e Calabria. Campagne 1956-1957-1958. III. Coleoptera Haliplidae, Dytiscidae, Gyrinidae., 1960, Mem. Soc. ent. ital., 39: 41-114. Franciscolo M.E., 1979, Coleopètera Haliplidae, Hygrobiidae, Gyrinidae, Dytiscidae. Fauna d'Italia, vol. XIV., Calderini Ed., Bologna. Uccelli: Arcamone E., 1989. Lo svernamento di Anatidi e Folaga in Toscana Quaderni del Museo di Storia Naturale di Livorno, 10 (1): 91 pp. Comunicazione Centro Ornitologico Toscano. 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.

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT11	100.0	IT13	100.0	IT04	100.0

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IT04	Selva Pisana	/	
IT11	Macchia Lucchese	/	
IT41	Selva Pisana	/	
IT11	Selva Pisana	/	
IT13	Selva Pisana	/	
IT04	Macchia Lucchese	/	
IT13	Macchia Lucchese	/	

5.3 Site designation (optional)

6. SITE MANAGEMENT

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6.1 Body(ies) responsible for the site management:

Organisation:	Ente Parco Migliarino San Rossore Massaciuccoli, Palazzo degli Stalloni, Cascine Vecchie di San Rossore, I-56122 Pisa (PI). Tel. +39 050 539111.
Address:	
Email:	

6.2 Management Plan(s):

An actual management plan does exist:

<input type="checkbox"/> Yes	Name: Piano del Parco, Piano di gestione e Regolamento d'uso approvati. Link: _____
<input type="checkbox"/> No, but in preparation	
<input checked="" type="checkbox"/> No	

6.3 Conservation measures (optional)

Piano del Parco, Piano di gestione e Regolamento d'uso approvati.

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).

104 I NE - 104 I NO 1:25000 Gauss-Boaga