



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 IT5120016
SITENAME Macchia lucchese

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1. SITE IDENTIFICATION

1.1 Type	1.2 Site code	Back to top
C	IT5120016	

1.3 Site name

Macchia lucchese

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
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 10.2575 Latitude 43.838333

2.2 Area [ha]: 406.0 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

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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
2230			0.02		M	D			
2240			5.75		M	B	C	B	B
2250			3.42		M	D			
2260			24.52		M	B	C	B	B
2270			251.09		M	A	C	B	B
3150			0.05		M	D			
6420			0.63		M	D			
7210			1.28		M	C	C	C	C
91E0			40.6		M	D			
91F0			54.81		M	B	C	B	C
9340			38.04		M	C	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	A229	Alcedo atthis			r				P	DD	C	B	C	C
B	A229	Alcedo atthis			c				P	DD	C	B	C	C
B	A229	Alcedo atthis			w				P	DD	C	B	C	C
B	A224	Caprimulgus europaeus			r				P	DD	C	A	C	B
B	A224	Caprimulgus europaeus			c				P	DD	C	A	C	B
I	1088	Cerambyx cerdo			p				C	DD	C	B	C	B
B	A081	Circus aeruginosus			c				P	DD	C	C	C	C
B	A240	Dendrocopos minor			p				R	DD	C	A	C	B
B	A338	Lanius collurio			r				P	DD	D			
B	A338	Lanius collurio			c				P	DD	C	C	C	C
I	1083	Lucanus cervus			p				C	DD	C	B	C	B
B	A073	Milvus migrans			c				P	DD	C	A	C	C
B	A214	Otus scops			c				P	DD	C	A	C	B
B	A214	Otus scops			r				P	DD	C	A	C	B
B	A072	Pernis apivorus			c				P	DD	C	A	C	C
A	1167	Triturus carnifex			p				C	DD	A	A	B	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
R	1284	Coluber viridiflavus						C	X					
A	5358	Hyla intermedia						P					X	
I		Keroplatus tipuloides						R						X
R		Lacerta bilineata						P					X	
P		Periploca graeca						C			X			
R	1256	Podarcis muralis						C	X					
R	1250	Podarcis sicula						C	X					
A	1210	Rana esculenta						C		X				
B		Sylvia cantillans moltonii						R			X		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
N17	40.0
N23	3.0
N18	20.0
N16	20.0
N19	14.0
N10	3.0
Total Habitat Cover	100

Other Site Characteristics

Cpmplexso di dune e interdune umide di notevole interesse paesaggistico, con vegetazione forestale molto evoluta, costituita rispettivamente da leccete e pinete con Pinus pinea e P. pinaster e ontaneti e querce-frassineti.

4.2 Quality and importance

Complesso forestale che nonostante la pressione antropica mantiene buone condizioni della vegetazione grazie alla mancanza di interventi forestali. I tipi palustri di vegetazione forestale rappresentano un esempio tipico degli aspetti che un tempo erano largamente diffusi nella pianura toscana. Presenza dell'Anfibio Triturus carnifex, endemismo italiano.

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	G05.01		i
M	I01		i
M	E01.01		o
M	K04.05		b
H	D01.01		i
H	D01.02		b
L	H05.01		i
H	G02		o
M	G01.02		i
H	B01.01		i
L	G01.03		i
H	J02		i
M	E01.03		o
M	K03.06		i
M	H06.01		i
M	B01.02		i
M	H06.02		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

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	0
Joint or Co-Ownership		0
Private		100
Unknown		0
sum		100

4.5 Documentation

Archivio RENATO - Repertorio Naturalistico Toscano - Regione ToscanaArrigoni P.V. - Flora e vegetazione della Macchia Lucchese di Viaregio (Toscana)., 1990, Webbia, 44(1): 1-62.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.Tomei P.E. - Aspetti naturalistici della Macchia Lucchese., 1972, Atti Soc. Tosc. Sci. Nat., Mem., B, 79: 8-51., , , ; Comunicazione Stefano Vanni. Cavalli S., Lambertini M., 1990, Il Parco Naturale Migliarini - San Rossore - Massaciuccoli., Pacini Ed., Ospedaletto (Pisa)., , ; Baccetti B., Crovetto A., Santini L. - Light-producing organs in Keroplatus tipuloides Bosc and K. reamuri pentophthalmus Giglio-Tos (Diptera: Mycetophilidae)., 1987, Int. J. Insect Morphol. & Embryol., 16(2): 169-176.,

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT13	100.0	IT11	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 [%]
IT13	Dune litoranee di Torre del Lago	/	
IT04	Dune litoranee di Torre del Lago	/	
IT11	Dune litoranee di Torre del Lago	/	

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, 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:	
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Map delivered as PDF in electronic format (optional)

<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
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Reference(s) to the original map used for the digitalisation of the electronic boundaries (optional).

223NO 222NE 1:25.000 UTM
