



# 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

<b>1.1 Type</b> C	<b>1.2 Site code</b> IT5120016	<a href="#">Back to top</a>
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### 1.3 Site name

Macchia lucchese
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<b>1.4 First Compilation date</b> 1995-07	<b>1.5 Update date</b> 2015-12
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### 1.6 Respondent:

<b>Name/Organisation:</b>	Regione Toscana -D.G. Politiche Ambientali,Energia e Cambiamenti Climatici-Settore Tutela e Valorizzazione Risorse Ambientali
<b>Address:</b>	Via di Novoli, 26 - 50127 Firenze
<b>Email:</b>	parchiareeprotette_biodiversita@regione.toscana.it

### 1.7 Site indication and designation / classification dates

<b>Date site classified as SPA:</b>	1998-12
<b>National legal reference of SPA designation</b>	No data

<b>Date site proposed as SCI:</b>	1995-06
<b>Date site confirmed as SCI:</b>	No data
<b>Date site designated as SAC:</b>	No data

National legal reference of SAC designation:

No data

## 2. SITE LOCATION

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

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Longitude

10.2575

Latitude

43.83833333333333

### 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

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
2120 			0.001		G	B	C	B	B
2270 			162.4			A	C	B	B
5230 			3.0		P	A	C	A	A
6420 			12.18			B	C	B	B
91E0 			40.6			B	C	B	B
91F0 			81.2			A	C	A	A

9340			81.2			B	C	B	B
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- **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	<a href="#">Alcedo atthis</a>			c				P	DD	C	B	C	C
B	A229	<a href="#">Alcedo atthis</a>			w				P	DD	C	B	C	C
B	A229	<a href="#">Alcedo atthis</a>			r				P	DD	C	B	C	C
B	A224	<a href="#">Caprimulgus europaeus</a>			c				P	DD	C	A	C	B
B	A224	<a href="#">Caprimulgus europaeus</a>			r				P	DD	C	A	C	B
I	1088	<a href="#">Cerambyx cerdo</a>			p				C	DD	C	B	C	B
B	A138	<a href="#">Charadrius alexandrinus</a>			c				P	DD	D			
B	A081	<a href="#">Circus aeruginosus</a>			c				P	DD	C	C	C	C
B	A240	<a href="#">Dendrocopos minor</a>			p				R	DD	C	A	C	B
B	A338	<a href="#">Lanius collurio</a>			c				P	DD	C	C	C	C
I	1083	<a href="#">Lucanus cervus</a>			p				C	DD	C	B	C	B
B	A066	<a href="#">Melanitta fusca</a>			w				R	DD	C	B	C	C
B	A073	<a href="#">Milvus migrans</a>			c				P	DD	C	A	C	C
B	A214	<a href="#">Otus scops</a>			r				P	DD	C	A	C	B
B	A214	<a href="#">Otus scops</a>			c				P	DD	C	A	C	B
B	A072	<a href="#">Pernis apivorus</a>			c				P	DD	C	A	C	C
B	A140	<a href="#">Pluvialis apricaria</a>			c				P	DD	D			
B	A008	<a href="#">Podiceps nigricollis</a>			w				R	DD	C	B	C	C

A	1167	<a href="#">Triturus carnifex</a>			p				C	DD	C	B	C	B
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- **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	<a href="#">Coluber viridiflavus</a>						C	X					
A		<a href="#">Hyla intermedia</a>						P					X	
I		<a href="#">Keroplatus tipuloides</a>						R						X
R		<a href="#">Lacerta bilineata</a>						P					X	
P		<a href="#">Periploca graeca</a>						C			X			
R	1256	<a href="#">Podarcis muralis</a>						C	X					
R	1250	<a href="#">Podarcis sicula</a>						C	X					
A	1210	<a href="#">Rana esculenta</a>						C		X				
B		<a href="#">Sylvia cantillans moltonii</a>						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

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### 4.1 General site character

Habitat class	% Cover
N18	20.0
N23	3.0
N19	14.0
N17	40.0
N10	3.0
N16	20.0
<b>Total Habitat Cover</b>	<b>100</b>

### Other Site Characteristics

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

Rank: H = high, M = medium, L = low

Pollution: N = Nitrogen input, P = Phosphor/Phosphate input, A = Acid input/acidification,

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

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 Toscana Arrigoni 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 Keropterus 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)

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### 5.1 Designation types at national and regional level:

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

## 6. SITE MANAGEMENT

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### 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 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).

223NO 222NE 1:25.000 UTM