



# 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 IT5160005  
SITENAME Boschi di Bolgheri, Bibbona e Castiglioncello

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## 1. SITE IDENTIFICATION

1.1 Type	1.2 Site code	<a href="#">Back to top</a>
B	IT5160005	

### 1.3 Site name

Boschi di Bolgheri, Bibbona e Castiglioncello
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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:	0000-00
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:	2016-12
National legal reference of SAC designation:	DM 22/12/2016 - G.U. 19 del 24-01-2017

## 2. SITE LOCATION

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

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Longitude 10.646111 Latitude 43.238889

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

3525.0 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
5210			5.5		M	C	C	B	C
6110			0.09		M	D			
6210			0.44		M	D			
6220			0.03		M	D			
91M0			281.76		M	C	C	B	C
9340			2800.2		M	A	C	A	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.
A	5357	<a href="#">Bombina pachipus</a>			p				P	DD	C	C	C	C
B	A224	<a href="#">Caprimulgus europaeus</a>			r				P	DD	D			
B	A080	<a href="#">Circaetus gallicus</a>			r				P	DD	C	A	C	C
R	1279	<a href="#">Elaphe quatuorlineata</a>			p				P	DD	C	B	C	B
R	1220	<a href="#">Emys orbicularis</a>			p				P	DD	D			
B	A096	<a href="#">Falco tinnunculus</a>			p				P	DD	D			
B	A338	<a href="#">Lanius collurio</a>			r				P	DD	D			
B	A341	<a href="#">Lanius senator</a>			r				V	DD	C	B	C	C
B	A246	<a href="#">Lullula arborea</a>			p				P	DD	D			
B	A073	<a href="#">Milvus migrans</a>			r				P	DD	C	A	C	C
B	A214	<a href="#">Otus scops</a>			r				P	DD	C	B	C	C
B	A072	<a href="#">Pernis apivorus</a>			r				P	DD	C	A	C	C
B	A306	<a href="#">Sylvia hortensis</a>			r				V	DD	C	B	C	C
R	1217	<a href="#">Testudo hermanni</a>			p				P	DD	C	B	C	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
M		<a href="#">Capreolus capreolus</a>						P						X
R	1284	<a href="#">Coluber viridiflavus</a>						C	X					

R	1283	<a href="#">Coronella austriaca</a>						P	X					
P	1873	<a href="#">Crocus etruscus</a>						P	X					
M		<a href="#">Dama dama</a>						P						X
R	1281	<a href="#">Elaphe longissima</a>						P	X					
M		<a href="#">Erinaceus europaeus</a>						P					X	
P		<a href="#">Ficus carica</a>						R						X
M	5365	<a href="#">Hypsugo savii</a>						P	X					
M	1344	<a href="#">Hystrix cristata</a>						C	X					
P		<a href="#">Ilex aquifolium</a>						R						X
R		<a href="#">Lacerta bilineata</a>						P					X	
P		<a href="#">Lilium croceum</a>						R						X
M	1357	<a href="#">Martes martes</a>						R		X				
M		<a href="#">Meles meles</a>						P					X	
M		<a href="#">Mustela nivalis</a>						P					X	
R	1256	<a href="#">Podarcis muralis</a>						C	X					
A	1209	<a href="#">Rana dalmatina</a>						P	X					
A	1210	<a href="#">Rana esculenta</a>						C		X				
A	1206	<a href="#">Rana italica</a>						P	X					
P	1849	<a href="#">Ruscus aculeatus</a>						P		X				
P		<a href="#">Ruscus hypoglossum</a>						V						X
M		<a href="#">Sus scrofa</a>						P					X	
P		<a href="#">Taxus baccata</a>						R						X
P		<a href="#">TILIA CORDATA MILLER</a>						R						X
M		<a href="#">Vulpes vulpes</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
N19	9.0
N16	15.0
N09	2.0
N20	2.0
N23	1.0
N06	1.0
N08	20.0
N18	50.0
Total Habitat Cover	100

#### Other Site Characteristics

Area boscata di grande estensione, con stadi di degradazione, scarsamente accessibile.

### 4.2 Quality and importance

Vasta area ad elevata naturalità, ospita specie animali rare e minacciate (tra i rapaci Pernis apivorus, Circaetus gallicus e Milvus migrans; tra i Rettili Testudo hermanni ed Elaphe quatuorlineata). Fra i Mammiferi predatori da segnalare la presenza di Martes martes. Presenza della Rana italica e della Bombina pachypus, specie endemiche dell'Italia appenninica.

### 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]
L	F03.01		I
L	F04		I
L	J01		I
L	F06.01		I
L	E01.02		O
L	A02		I

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

M	B02		I
L	D01.02		B
L	G01.02		I
L	F03.01.01		I
M	D01.01		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

4.4 Ownership (optional)

Type		[%]
Public	National/Federal	0
	State/Province	0
	Local/Municipal	0
	Any Public	50
Joint or Co-Ownership		0
Private		50
Unknown		0
sum		100

4.5 Documentation

Comunicazione Bruno Foggi e Federico Selvi.Giunta Regionale Toscana (a cura di)., 1985, Toscana Le Aree Verdi, Edizioni La Girandola.Palladino S. ( a cura di). - Lista delle aree naturali protette in Italia., 1990.Tellini G., Arcamone E., Baccetti N., Meschini E., Sposimo P.(eds.), 1997. Atlante degli uccelli nidificanti e svernanti in Toscana (1982-1992).Quad. Mus. Stor. Nat. Livorno, Monografia n.1: 414 pp.Comunicazione Stefano Vanni.Comunicazione Paolo Agnelli.

5. SITE PROTECTION STATUS (optional)

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5.1 Designation types at national and regional level:

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT11	100.0	IT02	1.0	IT13	90.0

5.2 Relation of the described site with other sites:

5.3 Site designation (optional)

6. SITE MANAGEMENT

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6.1 Body(ies) responsible for the site management:

Organisation:	Comando Carabinieri Forestale (UTCB di Cecina)
Address:	
Email:	

Organisation:	Regione Toscana
Address:	
Email:	

6.2 Management Plan(s):

An actual management plan does exist:

<input type="checkbox"/>	Yes	Name: Piano di assestamento forestale. Link:
<input type="checkbox"/>	No, but in preparation	
<input checked="" type="checkbox"/>	No	

6.3 Conservation measures (optional)

Piano di assestamento forestale.

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).

