



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 IT5140006
SITENAME Bosco ai Frati

TABLE OF CONTENTS

- 1. SITE IDENTIFICATION
- 2. SITE LOCATION
- 3. ECOLOGICAL INFORMATION
- 4. SITE DESCRIPTION
- 5. SITE PROTECTION STATUS
- 6. SITE MANAGEMENT
- 7. MAP OF THE SITE

1. SITE IDENTIFICATION

1.1 Type	1.2 Site code	Back to top
B	IT5140006	

1.3 Site name

Bosco ai Frati

1.4 First Compilation date	1.5 Update date
2017-05	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:	2017-05
Date site confirmed as SCI:	No data
Date site designated as SAC:	No data
National legal reference of SAC designation:	No data

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

[Back to top](#)

Longitude 11.302 Latitude 43.984

2.2 Area [ha]: 171.0 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)

Continental (100.0 %)

3. ECOLOGICAL INFORMATION

3.1 Habitat types present on the site and assessment for them

[Back to top](#)

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 <i>F</i>			0.07		M	B	C	B	B
3140 <i>F</i>			0.04		M	C	C	B	C
3150 <i>F</i>			0.22		M	C	C	B	C
3270 <i>F</i>			0.02		M	D			
6430 <i>F</i>			0.02		M	D			
91M0 <i>F</i>			124.33		M	B	C	B	C
92A0 <i>F</i>			2.88		M	D			

- **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.
P	1898	Eleocharis carniolica			p	150	300	tufts		G	C	B	A	B
A	1167	Triturus carnifex			p				P	DD	C	C	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
A	5358	Hyla intermedia						P					X	
A	1209	Rana dalmatina						C	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

[Back to top](#)

Habitat class	% Cover
N27	16.7
N16	79.0
N06	4.3
Total Habitat Cover	100

Other Site Characteristics

Si tratta di una area che si trova nei pressi del Bacino di Bilancino nel comune di Scarperia e San Piero ,Sono presenti boschi decidui pluristratificati , al cui interno si formano pozze d' acqua temporanee.

4.2 Quality and importance

Habitat Risulta una ex tenuta di caccia Schifanoia; la maggior parte della quale e?costituita da un bosco a dominanza di cerro e rovere, la presenza di specie sciafile, acidofile e/o debolmente acidofile (Festuca heretophylla, Luzula forsteri, Stachys sylvatica, Teucrium scorodonia) consente di riferire questo bosco a Erico arboreae-Quercetum cerridis associazione che viene attribuita, in accordo a Biondi & Blasi (2009) all?habitat 91M0 ?Foreste Pannonico-Balcaniche di cerro e rovere?, Codice ReNaTo: H028. Per questo habitat la gestione selvicolturale diventa l?aspetto gestionale maggiormente importante per la sua conservazione. All?interno del bosco sono presenti alcune pozze più o meno permanenti dove si possono trovare alcune specie dell?habitat 3150 "LAGHI EUTROFICI NATURALI CON VEGETAZIONE DEL MAGNOPOTAMION O HYDROCHARITION" Codice ReNaTo: H038, come Ranunculus trichophyllus, Potamogeton lucens e P. nodosus e Callitriche stagnalis (Lastrucci & Becattini 2009). L?habitat si colloca in laghi e stagni (anche canali e fossi purché con acque stagnanti) con acque ferme, più o meno torbide. Nella stesse pozze si rinvencono anche cenosi a Chara globularis riferibile dell?habitat 3140: Acque oligomesotrofe calcaree con vegetazione bentica di Chara spp. Codice ReNaTo: H002. Sempre in prossimità di questi stagni e nei dintorni sono presenti piccole pozze temporanee occupate da comunità anfibie annuali di piccola o media taglia corrispondenti all'habitat 3130 "ACQUE STAGNANTI, DA OLIGOTROFE A MESOTROFE, CON VEGETAZIONE DEI LITTORELLETEA UNIFLORAE E/O DEGLI ISOËTO-NANOJUNCETEA" Codice ReNaTo: H091. Sui margini sono inoltre presenti piccole cenosi del Bidention tripartitae (cenosi a Bidens frondosa e cenosi a Xanthium italicum) riferibili all?habitat 3270 : Fiumi con argini melmosi con vegetazione del Chenopodion rubri p.p e Bidention p.p. Codice ReNaTo: H073 e comunità a Epilobium hirsutum dell'habitat 6430 "Bordure planiziali, montane e alpine di megaforbie idrofile" Codice ReNaTo: H079.

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		b
H	B02		i
M	K04.01		i
M	F03.01.01		b
M	I01		b
M	D05		b
M	E01		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)

4.5 Documentation

Arrigoni P.V. 1998 La vegetazione forestale. Macchie e Boschi di Toscana. Regione Toscana.Biondi E. & Blasi C. 2009Bilz M., Kell S.P., Maxted N., Lansdown R. V. 2011 European Red List of Vascular Plants. Publications Office of the European Union, Luxembourg. Conti F., Abbaate G., Alessandrini A., Blasl C. 2005 An Annotated Checklist of the Italian Vascular Flora. palombi editori, Roma. 420 pp. Conti F., & al. 2007 Integrazioni alla checklist della flora vascolare italiana. Natura Vicentina, 10 (2006): 5-74. Gennai M., Lastrucci L., Selvaggi A., Castello M. 2009 Elecoharis carniolica. Inf. Bot. Ital. 45(1): 146-147.Jime?nez-MejaS p., Lucen?o M., 2011 Cyperaceae. In: Euro+Med Plantbase - the Information Resource for Euro-Mediterranean Plant Diversity.Lansdown R.V. 2011 Eleocharis carniolica. In: Iucn 2012, IUCN Red List of Threatened Species. version 2012.1. <www.iucnredlist.org>. downloaded on 01august 2012.Lastrucci L., Becattinl R. 2007 Eleocharis carniolica Koch (cyperaceae) nuova per la Toscana (Italia Centrale) e distribuzione delle specie correlate. Webbia, 62(1): 11-26. Lastruccl L., Becattinl R., 2009 La vegetazione delle aree umide presso Bosco ai Frati (Firenze, Toscana). Atti Soc. Tosc. Sci. nat. mem. Ser. B, 115 (2008): 57-67.

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

[Back to top](#)

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT00	100.0				

5.2 Relation of the described site with other sites:

5.3 Site designation (optional)

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

[Back to top](#)

Organisation:	Regione Toscana
Address:	Via di Novoli 26 – 50127 Firenze
Email:	parchiareeprotette_biodiversita@regione.toscana.it

6.2 Management Plan(s):

An actual management plan does exist:

- ☐ Yes
- ☐ No, but in preparation
- ☒ No

6.3 Conservation measures (optional)

7. MAP OF THE SITES

[Back to top](#)

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).