



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 IT5180002
SITENAME Foreste Alto Bacino dell'Arno

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code IT5180002	Back to top
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1.3 Site name

Foreste Alto Bacino dell'Arno

1.4 First Compilation date 1995-07	1.5 Update date 2019-12
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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 11.755278 **Latitude** 43.831111

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

10391.0 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)

Continental (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
3130			0.004		M	D			
3140			0.02		M	B	C	B	C
3150			0.06		M	C	C	B	B
3240			1.4		M	C	C	B	C
4030			64.9		M	B	C	B	B
5130			115.69		M	C	C	B	B
6110			0.07		M	D			
6210			35.41		M	D			
6230			1.16		M	D			
6430			0.1		M	C	C	B	B
6510			100.55		M	C	C	B	B
8220			0.58		M	D			
8230			0.002		M	D			
8310			0.01	2	M	C	C	C	C
9110			2061.96		M	B	B	B	B
9130			1255.65		M	A	B	A	B
91E0			56.15		M	C	C	B	B
91M0			1228.21		M	C	C	B	C
9220			40.58		M	D			
9260			578.78		M	C	C	B	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	A085	Accipiter gentilis			p				P	DD	D			
B	A229	Alcedo atthis			p				P	DD	D			
B	A256	Anthus trivialis			p				P	DD	C	C	C	C
B	A091	Aquila chrysaetos			p				P	DD	C	B	C	B
I	1092	Austropotamobius pallipes			p				P	DD	C	B	B	B
M	1308	Barbastella barbastellus			p				C	DD	C	B	C	B
A	5357	Bombina pachipus			p				R	DD	C	C	A	B
M	1352	Canis lupus			p				R	DD	C	B	C	B
B	A224	Caprimulgus europaeus			p				R	DD	D			
B	A334	Certhia familiaris			p				P	DD	D			
B	A080	Circaetus gallicus			p				P	DD	D			
B	A084	Circus pygargus			p				P	DD	D			
B	A240	Dendrocopos minor			p				P	DD	D			
B	A236	Dryocopus martius			p				P	DD	C	B	B	B
I	1074	Eriogaster catax			r				P	DD	C	A	C	A
I	6199	Euplagia quadripunctaria			p				P	DD	C	A	C	B

B	A103	Falco peregrinus			p				P	DD	D				
B	A092	Hiraaetus pennatus			c				V	DD	D				
B	A338	Lanius collurio			p				P	DD	D				
I	1083	Lucanus cervus			p				P	DD	C	A	C	B	
B	A246	Lullula arborea			p				P	DD	C	B	C	B	
B	A073	Milvus migrans			c				P	DD	D				
M	1310	Miniopterus schreibersii			p				P	DD	C	B	C	B	
M	1321	Myotis emarginatus			p				R	DD	C	B	C	B	
B	A277	Oenanthe oenanthe			c				V	DD	D				
F	1156	Padogobius nigricans			p				P	DD	D				
B	A072	Pernis apivorus			p				R	DD	C	B	C	B	
B	A314	Phylloscopus sibilatrix			p				P	DD	C	A	C	B	
B	A266	Prunella modularis			p				P	DD	D				
M	1304	Rhinolophus ferrumequinum			p				P	DD	C	B	C	B	
M	1303	Rhinolophus hipposideros			p				P	DD	C	B	C	B	
I	1087	Rosalia alpina			p				P	DD	C	A	C	B	
A	5367	Salamandrina perspicillata			p				R	DD	D				
F	5331	Telestes muticellus			r				P	DD	C	B	C	B	
A	1167	Triturus carnifex			p				R	DD	D				
I	1014	Vertigo angustior			p				P	DD	D				

- **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		Achillea setacea						R						X
P		Aquilegia vulgaris						R						X
P		Aquilegia vulgaris						R						X
I		Arion intermedius						P						X
P		Atropa belladonna						R						X
P		Caltha palustris						R						X
M		Capreolus capreolus						P						X
P		Carex brizoides						R						X
I		Catocala fraxini						P						X
P		Centaurea arrigonii						C				X		
B	A334	Certhia familiaris						P						X
M		Cervus elaphus						P					X	
I		Duvalius iolandae						P				X		
R	1281	Elaphe longissima						P	X					
P	1866	Galanthus nivalis						P		X				X
P		Goodyera repens						R						X
I		Iolana iolas						P						X
P		Isopyrum thalictroides						R						X
I		Leptusa ceresoleana						P				X		
M		Lepus capensis						P					X	
P		Lilium bulbiferum ssp. croceum						R						X
P		Listera cordata						V						X
I	1058	Maculinea arion						P	X				X	X

P		Murbeckiella zanonii							R							X			
M	1358	Mustela putorius							R		X								
R	1292	Natrix tessellata							P	X									
M	2595	Neomys anomalus							P							X	X		
M	2597	Neomys fodiens							P							X	X		
M	1331	Nyctalus leisleri							P							X	X		
M	1312	Nyctalus noctula							P							X	X		
I		Oreina elongata							P										X
I	1056	Parnassius mnemosyne							P	X						X	X		
B		Phoenicurus phoenicurus							P										X
M	1326	Plecotus auritus							P	X						X	X		
M	1329	Plecotus austriacus							P	X						X	X		
R	1256	Podarcis muralis							C	X									
A	1206	Rana italica							P	X				X	X	X	X		
A	1213	Rana temporaria							P		X								X
A		Salamandra salamandra							P										X
P		Sesleria italica							P										X
I		Sinodendron cylindricum							R										X
A	1185	Speleomantes italicus							P	X				X	X	X	X		
P		Streptopus amplexifolius							R										X
M		Sus scrofa							P							X			
M		Talpa europaea							P										X
I		Trechus zangherii							P					X					
A		Triturus alpestris							P										X
A	5895	Triturus alpestris apuanus							P										X
P		Trollius europaeus							V										X
M		Vulpes vulpes							P										X
I	1053	Zerynthia polyxena							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
N19	8.0
N08	12.0
N20	12.0
N23	1.0
N06	2.0
N10	3.0
N09	5.0
N12	1.0
N15	1.0
N16	55.0
Total Habitat Cover	100

Other Site Characteristics

Ampia zona forestale localizzata sui versanti meridionali dell'Appennino Tosco-Romagnolo e comprendente l'alto bacino del fiume Arno.

4.2 Quality and importance

Area di notevole importanza per le popolazioni toscane di *Canis lupus*; il località Scodella e La Pietra sono presenti boschi misti di *Fagus sylvatica* e *Abies alba* derivati dalla ricostituzione di cedui. Presenti anche specie ornitiche minacciate, a livello regionale, legate alle formazioni forestali, anche artificiali, più mature (Rampichino alpestre e Picchio rosso minore). Fra gli invertebrati sono da segnalare il Coleottero Cerambicide *Rossalia alpina* ed il Lepidottero *Callimorpha quadripunctaria* (nec *quadripunctata*!) oltre a molte specie endemiche italiane o appenniniche. Per gli Anfibi merita di essere ricordata la popolazione relictta di *Rana temporaria*.

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	A03.03		b
L	J03.02.01		b
L	B01.02		b
L	D02.01.01		b
M	A04.03		b
M	K04.05		b
M	I03.01		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]
M	A04.02.01		b
M	E01.03		b
M	A03.02		b
M	B02.05		b

4.4 Ownership (optional)

Type	[%]	
Public	National/Federal	0
	State/Province	0
	Local/Municipal	0
	Any Public	70
Joint or Co-Ownership	0	
Private	30	
Unknown	0	
sum	100	

4.5 Documentation

Comunicazione Marina Cluser. Comunicazione Duccio Berzi. Comunicazione Stefano Vanni. Comunicazione Filippo Fabiano & Paolo Maria Casini. Comunicazione Paolo Agnelli. Collezione Museo "La Specola" (Firenze). Palladino S. (a cura di). - Lista delle aree naturali protette in Italia., 1990. Piante Vascolari: Ferrarini E. 1979. Note floristiche sull'Appennino settentrionale (dal Passo della Cisa al Passo delle radici) Webbia 33(2): 235-267. Herbarium Universitatis Florentinae, Firenze. Paoli P., Ciuffi Cellai G. 1973. Analisi polliniche di sedimenti lacustri presso Passo Porcareccio (Appennino Tosco-Romagnolo) Webbia, 28 (2): 427-444. Sabato S. Valenziano S. 1975. Flora e vegetazione di una zona dell'Appennino centro-settentrionale (Rincine) I. - La Flora Pubbl. Centro Sper. Agric. For. 13: 85-192. Uccelli: D.R.E.A.M. Italia scrli. NEMO sas 1998. Carta del rispetto della natura della Provincia di Arezzo. Tellini Florenzano G. 1996 Monitoraggio ornitologico delle Foreste Casentinesi Comunità Montana del Casentino Ponte a Poppi (AR). Tellini G., Arcamone E., Baccetti N., Meschini E., Sposimo P., 1997 - Atlante degli uccelli nidificanti e svernanti in Toscana (1982-92). Quad. Mus. Stor. Nat. Livorno, Monografia n.1: 414 pp. Rettili: Centro Villa Ghigi (ed.) 1994. Parco Nazionale Foreste Casentinesi Monte Falterona e Campigna. Supplemento a la Repubblica Roma 19 (163). Nuzzo A., Polvani M. et alii. 1998. Aree protette. In: Bertoli P. (ed.) Rapporto sullo stato dell'amb. in Toscana 1997: 415-446 allegati Archivio dati CD-Rom. Reg. Tosc.-G. Reg. e Dip. delle Pol. Terr. e Amb., Ag. Reg. per la Prot. Amb. in Tosc., FI. Anfibi: Ceccolini G., Cenerini A. 1998. Parchi Riserve e Aree Protette della Toscana WWF Italia Roma WWF Toscana Firenze: 174 pp. Miscellanea privata Dr. S. Vanni, Museo Zoologico "La Specola", Firenze. Vianelli M. 1996. Guida Parco Nazionale delle Foreste Casentinesi, Monte Falterona e Campigna Octavo Firenze: 208 pp. Insetti: Bartolozzi L. 1986 - Note corologiche e morfologiche sui Lucanidae in Toscana (Coleoptera). Atti Mus. civ. Stor. nat. Grosseto, 7/8: 11-26. Berio E. 1985. Fauna d'Italia, 22. Lepidoptera Noctuidae 1. Generalita', Haderinae, Cucullinae Calderini Ed., Bologna. Collezione Gianfranco Fiorini, Pratovecchio (AR). Collezione Paolo Maria Casini, Firenze. Collezione Roberto Lisa, Firenze. Magistretti M., 1965, Coleoptera Cicindelidae, Carabidae. Catalogo topografico. Fauna d'Italia. VIII., Calderini Ed., Bologna. Magrini P., Vanni S. 1988. Duvalius degiovannii iolandae n. ssp. dell'Appennino tosco-romagnolo (Coleoptera Carabidae) Atti Mus. civ. St. nat. Grosseto, 9/10[1986]: 95-101. Pace R. 1978. Leptusa Kr. nuove o poco note del Museo civico di Storia Naturale di Genova (Coleoptera Staphylinidae) Ann. Mus. civ. St. nat. Giacomo Doria 52: 295-322. Molluschi: Manganelli G., Giusti F. 1988 Notulae Malacologicae XXXVII. New data on Arion intermedius Normand in Italian Apennines and major Tyrrhenian islands. (Studies on the Sardinian and Corsican malacofauna VII) Archiv fur Molluskenkunde, 119: 39-54.

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT02	5.0	IT13	100.0	IT11	100.0
IT01	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	Monte Faggiolo - Giogo Seccheta	/	
IT11	Crinale M. Falterona - M. Falco - M. Gabrendo	/	
IT01	Crinale M. Falterona - M. Falco - M. Gabrendo	/	
IT01	Monte Faggiolo - Giogo Seccheta	/	
IT02	Monte Faggiolo - Giogo Seccheta	/	
IT11	Monte Faggiolo - Giogo Seccheta	/	
IT13	Crinale M. Falterona - M. Falco - M. Gabrendo	/	

5.3 Site designation (optional)

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

Organisation:	Parco Nazionale Foreste Casentinesi
Address:	
Email:	
Organisation:	Comando Carabinieri Forestale (UTCB di Pratovecchio)
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 SITESINSPIRE 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).