



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 IT5110008
SITENAME Monte Borla - Rocca di Tenerano

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	IT5110008	

1.3 Site name

Monte Borla - Rocca di Tenerano

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:	2016-05
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]:

[Back to top](#)

Longitude 10.123333 Latitude 44.130833

2.2 Area [ha]: 1081.0 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

[Back to top](#)

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
4030			11.05		M	D			
4060			1.21		M	D			
5130			20.87		M	C	C	B	C
6110			0.07		M	B	C	C	C
6170			5.83		M	C	C	B	B
6210	X		106.25		M	B	C	C	B
6230			2.45		M	D			
6430			0.04		M	D			
7220			0.03		M	C	C	B	C
8120			4.59		M	B	C	B	B
8130			4.02		M	D			
8210			11.59		M	B	C	C	B
8220			1.57		M	D			
8230			0.11		M	D			
8240			13.69		M	B	C	C	C
8310				25	P	A	C	A	A
9110			222.21		M	C	C	C	C
9150			22.62		M	D			
9180			3.55		M	D			
9260			119.41		M	B	C	B	C
92A0			0.19		M	D			
9340			0.46		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.
B	A255	Anthus campestris			p	1	10	p		G	D			
P	1474	Aquilegia bertolonii			p				R	DD	C	A	A	A
M	1352	Canis lupus			p				P	DD	B	B	B	B
I	6199	Euplagia quadripunctaria			p				P	DD	C	A	C	B
B	A277	Oenanthe oenanthe			p	1	5	p		G	C	C	C	C
B	A346	Pyrrhocorax pyrrhocorax			p				P	DD	C	B	B	C
M	1304	Rhinolophus ferrumequinum			w				R	DD	C	B	C	B
A	6206	Speleomantes ambrosii			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
P		Arenaria bertolonii						C				X		
P		Biscutella apuana						C				X		
P		Buphthalmum salicifolium ssp. flexile						C				X		
P		Carum apuanum						C				X		
P		Centaurea montis-borlae						C				X		
P		Cerastium apuanum						C				X		
I		Charaxes jasius						P						X
I		Coenonympha dorus aquilonia						R						X
P		Corallorhiza trifida						V					X	
I		Duvalius doriai						V				X		
I		Erebia epiphron						R						X
I		Erebia neoridas sybillina						R						X
P		Galium paleoitalicum						C				X		
P		Galium purpureum var. apuanum						C				X		
P		Globularia incanescens						C				X		
P		HIERACIUM PORRIFOLIUM L.						V				X		
P	5189	Huperzia selago						R		X				
P		Leontodon anomalus						C				X		
P		LINARIA PURPUREA (L.) MILLER						C				X		
P		Listera cordata						P						X
I	1058	Maculinea arion						P	X					
P		MOLTKIA SUFFRUTICOSA (L.) BRAND						C				X		
P		Onobrychis montana						P						X
P		Paeonia officinalis						V						X
P		Parnassia palustris						R						X
I	1057	Parnassius apollo						R	X					
P		Pulsatilla alpina						C				X		
P		Rhamnus glaucophylla						R				X		
P		Salix crataegifolia						P						X
P		SANTOLINA PINNATA VIV.						C				X		
I		Satyrus ferula						R						X
P		SAXIFRAGA ETRUSCA PIGN.						V				X		
P		Silene lanuginosa						P						X
P		THESIUM SOMMIERI HENDRYCH						R				X		
I		Timarcha apuana						P				X		
P		Trollius europaeus ssp. europaeus						V						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
N22	20.0
N09	8.0
N23	1.0
N10	3.0
N16	59.0
N08	8.0
N06	1.0
Total Habitat Cover	100

Other Site Characteristics

Area di elevato pregio paesaggistico, con numerose testimonianze geomorfologiche della glaciazione Wurmiana e numerose tipologie di carsismo superficiale.

4.2 Quality and importance

Il biotopo presenta un contingente floristico di grande interesse fitogeografico con una elevata presenza di specie endemiche e di specie rare fra cui spicca l'endemismo ristretto *Centaurea montis-borlae*. Presenza fra i Lepidotteri, della *Callimorpha quadripunctaria* (nec *quadripunctata*!) e di alcune specie minacciate e localizzate.

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		o
H	C01		b
L	F03.02.03		i
M	B01.02		o
L	H06.01		b
M	D02.01		o
L	G05.01		i
M	G01.03		i
M	G02.08		i
M	D01.02		o
L	E03.03		i
L	J01		b
M	A04.03		o

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 ToscanaPiante Vascolari:Ferrarini E., Marchetti D. 1994. Prodromo alla flora della Regione Apuana. Parte prima (Lycopodiaceae - Leguminosae) Acc. Lunig. Sci. G. Capellini, La Spezia.Herbarium Universtitatis Florentinae, Firenze.Pacifico G., Bertozzi G., De Angeli E. 1997. Orchidaceae nuove o rare per la Regione Apuana (Toscana) Atti Soc. Tosc. Sci. Nat. Mem. ser. B 103: 43-47 (1996).Soldano A. 1985. Su alcune specie della Regione Apuana nuove confermate o da escludere per la flora toscana Atti Soc. Tosc. Sci. Nat. Mem. ser. B 91: 11-20 (1984).Ferrarini E., Marchetti D. - Un relitto alpino sulle Alpi Apuane: *Hieracium porrifolium* L. (Compositae)., 1978, Atti Soc. Tosc. Sci. Nat., Mem., serie B, 85: 93-99.Mammiferi: Boitani L., Ciucci P. 1995. Carta del lupo Regione Toscana, 1996.Comunicazione personale Duccio Berzi, Firenze.Francisci F. 1994. Il lupo nell'Appennino settentrinale e nel Reggiano Manoscritto per il Parco del Gigante. Non pubblicato.Sacchi O., Ricci U. 1994. Il lupo in provincia di La Spezia. Appunti dal corso regionale d'aggiornamento per veterinari sul riconoscimento dei danni da predazione da canidi provocati al patrimonio zootecnico. Savona 1994. Non pubblicato. Uccelli:Lombardi L., Chiti-Batelli A., Galeotti L., Sposimo P. 1998. Le praterie montane delle Alpi Apuane e dell'Appennino Tosco-Emiliano. Vegetazione e avifauna nidificante W.W.F. Toscana Regione Toscana.Insetti:Collezione Giuseppe Vignali, Massa.Collezione Roberto Lisa, Firenze.Comunicazione personale Giuseppe Vignali, Massa.

5. SITE PROTECTION STATUS (optional)

[Back to top](#)

5.1 Designation types at national and regional level:

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	Monte Sagro	/	
IT04	Monte Sagro	/	
IT11	Monte Sagro	/	

5.3 Site designation (optional)

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

[Back to top](#)

Organisation:	Parco Regionale Alpi Apuane
Address:	
Email:	

6.2 Management Plan(s):

An actual management plan does exist:

<input type="checkbox"/> Yes	Name: Attraverso la legge istitutiva (L.R. 5/85), manca il piano del Parco. Link: _____
<input type="checkbox"/> No, but in preparation	
<input checked="" type="checkbox"/> No	

6.3 Conservation measures (optional)

Attraverso la legge istitutiva (L.R. 5/85), manca il piano del Parco.

7. MAP OF THE SITES

[Back to top](#)

INSPIRE ID:	
-------------	--

Map delivered as PDF in electronic format (optional)

<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
------------------------------	--

Reference(s) to the original map used for the digitalisation of the electronic boundaries (optional).

203NO 187NO 187NE 186NO 186NE 185SO 185SE 185NO 185NE 1:25.000 UTM
--