



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 IT5110006
SITENAME Monte Sagro

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 B	1.2 Site code IT5110006	Back to top
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1.3 Site name

Monte Sagro

1.4 First Compilation date	1.5 Update date
1995-07	2017-01

1.6 Respondent:

Name/Organisation: Regione Toscana -D.G. Politiche Ambientali, Energia e Cambiamenti
Climatici-Settore Tutela e Valorizzazione Risorse Ambientali
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

10.1625

Latitude

44.113611

2.2 Area [ha]:

1220.0

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

[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
4030			122.0		M	A	C	A	B
4060			61.0		M	C	C	B	B
6170			48.8		M	B	C	B	A
6210			207.4		M	A	C	B	A
6230			36.6		M	D			

8110		12.2		M	C		C	C	C
8120		122.0		M	A		C	A	A
8210		219.6		M	A		C	A	A
8220		12.2		M	C		C	A	B
8240		36.6		M	C		C	A	A
8310			4	P	A		C	B	A
9110		36.6		M	D				
9260		146.4		M	B		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.
B	A255	Anthus campestris			r				P	DD	D			
B	A091	Aquila chrysaetos			p				P	DD	C	C	C	C
P	1474	Aquilegia bertolonii			p				R	DD	C	A	A	A
P	1613	Athamanta cortiana			p				V	DD	C	A	A	A
A	5357	Bombina pachipus			p				P	DD	C	B	C	B
I	6199	Euplagia quadripunctaria			p				C	DD	C	B	C	B
B	A096	Falco tinnunculus			p				P	DD	C	B	C	C
B	A338	Lanius collurio			r	11	50	p		G	C	B	C	C
B	A280	Monticola saxatilis			r	6	10	p		G	C	B	C	C
B	A345	Pyrrhonorax graculus			p				P	DD	C	B	B	C

B	A346	Pyrrhocorax pyrrhocorax			p				P	DD	C	B	B	C
M	1304	Rhinolophus ferrumequinum			p				R	DD	C	B	C	B
A	5367	Salamandrina perspicillata			p				P	DD	C	B	C	B
A	6206	Speleomantes ambrosii			p				C	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			0			C				X		
P		Asperula purpurea apuana			0			P				X		
P		Astrantia pauciflora			0			C				X		
P		Biscutella apuana			0			P				X		
P		Buphthalmum salicifolium ssp. flexile			0			C				X		
P		Campanula medium			0			C						X
P		Carex macrostachys			0			C				X		
P		Carum apuanum			0			C				X		
P		Centaurea montis-borlae			0			P				X		
P		Cerastium apuanum			0			C				X		
I		Chilostoma cingulatum apuanum			0			C				X		
I		Chrysolina osellai			0			P				X		

P		Cirsium bertolonii			0			C				X		
I		Cochlodina comensis lucensis			0			P				X		
I		Cochlodina fimbriata			0			P						X
I		Cochlostoma montanum			0			P				X		
I		Coenonympha dorus aquilonia			0			R						X
R	1284	Coluber viridiflavus			0			C	X					
P		Corallorhiza trifida			0			V					X	
R	1283	Coronella austriaca			0			R	X					
P		Draba aizoides			0			V				X		
I		Duvalius doriai			0			C				X		
I		Erebia neoridas sybillina			0			R						X
P		Euphrasia salisburgensis			0			R						X
P		Festuca apuanica			0			P				X		
P		Galium paleoitalicum			0			C				X		
P		Galium purpureum var. apuanum			0			C				X		
I		Gittembergia sororcula			0			R						X
P		Globularia incanescens			0			P						X
P		Huperzia selago			0			R		X				
R		Lacerta bilineata			0			P					X	
P		Leontodon anomalus			0			C				X		
P		LINARIA PURPUREA (L.) MILLER			0			R				X		
P		Listera cordata			0			P						X
P		MOLTZIA SUFFRUTICOSA (L.) BRAND			0			C				X		
M	1322	Myotis nattereri			0			P	X					
P		Orchis pallens			0			R					X	
P		Parnassia palustris			0			R						X
I	1057	Parnassius apollo			0			P	X					
R	1256	Podarcis muralis			0			C	X					
P		Polygala carueliana			0			P				X		

P		Pseudolysmachion barrelieri		0			P						X
A	1206	Rana italica		0			C	X					
P		Rhamnus glaugophylla		0			P				X		
P		Rhinanthus apuanus		0			C				X		
P		SALIX CRATAEGIFOLIA BERTOL.		0			R				X		
P		SANTOLINA PINNATA VIV.		0			C				X		
I		Satyrus ferula		0			R						X
P		SAXIFRAGA AIZOIDES L.		0			R				X		
P		Saxifraga etrusca		0			P						X
P		SAXIFRAGA GRANULATA L.		0			V						X
P		Saxifraga latina		0			R				X		
P		SAXIFRAGA LINGULATA BELLARDI		0			C				X		
P		Senecio apuanus		0			P				X		
P		SILENE LANUGINOSA BERTOL.		0			R				X		
P		Silene vallesia ssp. graminea		0			C						X
P		THESIUM SOMMIERI HENDRYCH		0			R				X		
I		Timarcha apuana		0			R				X		
P		Trollius europaeus		0			V						X
P		VALERIANA SAXATILIS L.		0			R				X		
P		Verbascum alpinum		0			V						X
P		Veronica longistyla		0			P				X		
I		Vitrinobrachium baccettii		0			R						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:

4. SITE DESCRIPTION

4.1 General site character

[Back to top](#)

Habitat class	% Cover
N11	4.0
N09	23.0
N08	15.0
N10	2.0
N16	20.0
N06	1.0
N22	30.0
N20	3.0
N23	2.0
Total Habitat Cover	100

Other Site Characteristics

Area di elevato pregio paesaggistico con numerose testimonianze geomorfologiche della glaciazione wurmiana.

4.2 Quality and importance

Il biotopo presenta un contingente floristico di grande interesse fitogeografico con elevata presenza di specie endemiche e di specie rare. Presenza di estese faggete in ottimo stato di conservazione e castagneti da frutto di interesse storico. Tra gli Anfibi sono da segnalare la Salamandrina terdigitata e la Bombina pachypus, entrambi endemismi appenninici. Presenza oltre al Lepidottero Callimorpha quadripunctaria (nec quadripunctata), di invertebrati endemici.

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	H06.01		b
H	J01		b
L	E03.03		b
M	C01		b
L	E01		o
L	D01.01		b
H	A04.03		b
M	D02.01		b
M	F03.02.03		o
M	D01.02		b
M	F03.02.03		i

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]
L	B02		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

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
 Piante Vascolari: Barbero M., Bono G., 1973. La vegetation orophile des Alpes Apuanes Vegetatio 27(1-3): 1-48. Bechi N., Garbari F., Miceli P. 1997. Indagini biosistematiche sulla Flora Apuana. VI contributo: risultati conseguiti e problemi aperti Atti Soc. Tosc. Sci. Nat. Mem. ser. B 103: 35-42 (1996). Erbario dei Laboratori di Botanica Agraria e Forestale (FIAF), Firenze. Erbario dell'Università degli Studi di Siena. Ferrarini E. 1966. Studi sulla vegetazione di altitudine delle Alpi Apuane Webbia 21(2): 521-600. Ferrarini E. 1970. Escursione alla Foce di Pianza e al M. Sagro. In: Escursione sociale in Versilia e sulle Alpi Apuane 16-19 giugno 1969 Inform. Bot. Ital. 1: 127-128 (1969). Ferrarini E. 1979. Note floristiche sull'Appennino settentrionale (dal Passo della Cisa al Passo delle Radici) Webbia 33(2): 235-267. Ferrarini E., Marchetti D. 1994. Prodromo alla flora della Regione Apuana. Parte prima (Lycopodiaceae - Leguminosae) Acc. Lunig. Sci. G. Capellini. La Spezia. Ferrarini E., Pichi Sermolli R.E.G., Bizzarri M.P., Ronchieri I. 1997. Prodromo alla flora della Regione Apuana. Parte seconda (Oxalidaceae - Campanulaceae) Acc. Lunig. Sci. G. Capellini. La Spezia. Foggi B., Rossi G. 1996. A survey of the genus Festuca L. (Poaceae) in Italy. I. The species of the summit flora in the Tuscan-Emilian Apennines and Apuan Alps Willdenowia 26: 183-215. Museo Regionale di Scienze Naturali, Torino. Raffaelli M., Fiesoli P. 1993. Biscutella L. ser. laevigatae Malin. (Cruciferae) in Toscana. Indagini morfobiometriche e tassonomiche Webbia 47 (1): 55-78. Uccelli: Comunicazione personale Paolo Sposimo (NEMO, Firenze). 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: Bramanti A. 1995. Contributi alla conoscenza della coleotterofauna delle Alpi Apuane e della Versilia. I. Chrysomelidae Boll. Soc. entomol. ital. 127(2): 135-141. Collezione Roberto Lisa, Firenze. Comunicazione personale Giuseppe Vignali, Massa. Molluschi: Giusti F., Mazzini M. 1971. I Molluschi delle Alpi Apuane. Elenco delle specie viventi con descrizione di una nuova specie: Vitrinobranchium baccettii n. sp. Lavori della Società Italiana di Biogeografia Nuova Serie 1: 202-334. Rettili: Lanza B., Poggesi M. - Gli Anfibi e i Rettili delle Alpi Apuane. 1971. Lav. Soc. ital. Biogeogr. (n.s.), 1[1970]: 624-676.

5. SITE PROTECTION STATUS (optional)

[Back to top](#)

5.1 Designation types at national and regional level:

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT11	100.0	IT04	100.0	IT13	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 Borla - Rocca di Tenerano	/	
IT11	Monte Borla - Rocca di Tenerano	/	
IT04	Monte Borla - Rocca di Tenerano	/	

5.3 Site designation (optional)

6. SITE MANAGEMENT

[Back to top](#)

6.1 Body(ies) responsible for the site management:

Organisation:	Consorzio (Consiglio di gestione).
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)

Yes No

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

187SO 186SE 1:25.000 UTM