



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

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1. SITE IDENTIFICATION

1.1 Type	1.2 Site code	Back to top
B	IT5110006	

1.3 Site name

Monte Sagro

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]:

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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

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
4030			75.49		M	C	C	C	C
6170			36.15		M	B	C	B	B
6210			251.02		M	B	C	C	B
8120			10.09		M	A	C	C	B
8130			15.43		M	C	C	B	C
8210			118.67		M	A	C	C	B
8220			16.43		M	C	C	C	C
8240			2.08		M	C	C	C	C
8310				23	P	A	C	B	A
9110			70.1		M	D			
9150			0.52		M	D			
9260			185.33		M	C	C	C	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	A255	Anthus campestris			r				P	DD	D			
B	A091	Aquila chrysaetos			p				P	DD	C	C	C	C
P	1474	Aquila bertolonii			p				R	DD	C	A	A	A
P	1613	Athamanta cortiana			p				V	DD	C	B	A	B
A	5357	Bombina pachipus			p				P	DD	C	B	C	B
M	1352	Canis lupus			p				P	DD	B	B	B	B
I	6199	Euplagia quadripunctaria			p				P	DD	C	A	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	Pyrrhocorax 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
M	1303	Rhinolophus hipposideros			w				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						C				X		
P		Asperula purpurea apuana						P				X		
P		Astrantia pauciflora						C				X		
P		Biscutella apuana						P				X		
P		Buphthalmum salicifolium ssp. flexile						C				X		
P		Campanula medium						C						X
P		Carex macrostachys						C				X		
P		Carum apuanum						C				X		
P		Centaurea montis-borlae						P				X		
P		Cerastium apuanum						C				X		
I		Chilostoma cingulatum apuanum						C				X		
I		Chrysolina osellai						P				X		
P		Cirsium bertolonii						C				X		
I		Cochlodina comensis lucensis						P				X		
I		Cochlodina fimbriata						P						X
I		Cochlostoma montanum						P				X		
I		Coenonympha dorus aquilonia						R						X
R	1284	Coluber viridiflavus						C	X					
P		Corallorhiza trifida						V					X	
R	1283	Coronella austriaca						R	X					
P		Draba aizoides						V				X		
I		Duvalius doriai						C				X		
I		Erebia neoridas sybillina						R						X
P		Euphrasia salisburgensis						R						X
P		Festuca apuanica						P				X		
P		Galium paleoitalicum						C				X		
P		Galium purpureum var. apuanum						C				X		
I		Gittembergia sororcula						R						X
P		Globularia incanescens						P						X
P	5189	Huperzia selago						R		X				
R		Lacerta bilineata						P					X	
P		Leontodon anomalus						C				X		
P		LINARIA PURPUREA (L.) MILLER						R				X		
P		Listera cordata						P						X
P		MOLTZIA SUFFRUTICOSA (L.) BRAND						C				X		
M	1322	Myotis nattereri						P	X					
P		Orchis pallens						R					X	
P		Parnassia palustris						R						X
I	1057	Parnassius apollo						P	X					
R	1256	Podarcis muralis						C	X					
P		Polygala carueliana						P				X		
P		Pseudolysmachion barrelieri						P						X
A	1206	Rana italica						C	X					
P		Rhamnus glaugophylla						P				X		
P		Rhinanthus apuanus						C				X		

P		SALIX CRATAEGIFOLIA BERTOL.						R					X		
P		SANTOLINA PINNATA VIV.						C					X		
I		Satyrus ferula						R							X
P		SAXIFRAGA AIZOIDES L.						R					X		
P		Saxifraga etrusca						P							X
P		SAXIFRAGA GRANULATA L.						V							X
P		Saxifraga latina						R					X		
P		SAXIFRAGA LINGULATA BELLARDI						C					X		
P		Senecio apuanus						P					X		
P		SILENE LANUGINOSA BERTOL.						R					X		
P		Silene vallesia ssp. graminea						C							X
P		THESIUM SOMMIERI HENDRYCH						R					X		
I		Timarcha apuana						R					X		
P		Trollius europaeus						V							X
P		VALERIANA SAXATILIS L.						R					X		
P		Verbascum alpinum						V							X
P		Veronica longistyla						P					X		
I		Vitrinobrachium baccettii						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:** Endemics; **C:** International Conventions; **D:** other reasons

4. SITE DESCRIPTION

4.1 General site character

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Habitat class	% Cover
N06	1.0
N23	2.0
N09	23.0
N20	3.0
N22	30.0
N16	20.0
N10	2.0
N08	15.0
N11	4.0
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
M	F03.02.03		i
L	E03.03		b
M	F03.02.03		o
H	A04.03		b
M	C01		b

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

M	D01.02		b
L	D01.01		b
M	D02.01		b
L	E01		o
H	J01		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 ToscanaPiante 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: Vitrinobranhium 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)

5.1 Designation types at national and regional level:

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

5.3 Site designation (optional)

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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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)

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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).

187SO 186SE 1:25.000 UTM