



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 IT5120013
SITENAME Monte Tambura - Monte Sella

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code IT5120013	Back to top
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1.3 Site name

Monte Tambura - Monte Sella

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]:

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Longitude

10.226111

Latitude

44.098333

2.2 Area [ha]:

2013.0

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

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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
4060			120.78		M	B	C	B	B
6170			80.52		M	B	C	B	A
6210			261.69		M	A	C	B	B
8110			60.39		M	B	C	A	A
8120			120.78		M	A	C	A	A

8130		40.26		M	B		C	B	B
8210		624.03		M	A		C	A	A
8220		0.01		M	C		C	C	C
8230		20.13		M	D				
8240		120.78		M	A		C	A	A
8310			4	P	A		C	A	A
9210		20.13		M	D				
9260		60.39		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	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	B	A	A	A
A	5357	Bombina pachipus			p				P	DD	C	B	C	B
I	6199	Euplagia quadripunctaria			p				C	DD	C	C	C	C
B	A103	Falco peregrinus			p	1	3	p		G	C	C	C	C
B	A096	Falco tinnunculus			p				P	DD	D			
B	A338	Lanius collurio			r				P	DD	D			
B	A280	Monticola saxatilis			r				P	DD	C	B	C	C
B	A277	Oenanthe oenanthe			r				P	DD	D			

B	A345	Pyrrhonorax graculus			p				P	DD	C	B	B	C
B	A346	Pyrrhonorax pyrrhonorax			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		Achillea tanacetifolia			0			P						X
I		Anostirus marginatus			0			P				X		
P		Arenaria bertolonii			0			C				X		
P		Arenaria ciliata moehringioides			0			R						X
I		Arion intermedius			0			P						X
P		Artemisia nitida			0			V				X		
P		Asperula purpurea apuana			0			P				X		
P		Asplenium fissum			0			V						X
P		Astrantia pauciflora			0			C				X		
P		Biscutella apuana			0			C				X		
P		Botrychium lunaria			0			R						X
P		Buphthalmum salicifolium ssp. flexile			0			C				X		

P		Carex macrostachys			0			C				X		
P		Carum apuanum			0			C				X		
P		Cerastium apuanum			0			C				X		
I		Charaxes jasius			0			P						X
I		Chilostoma cingulatum			0			P						X
I		Chondrina oligodonta			0			P				X		
I		Chrysolina osellai			0			P						X
P		Cirsium bertolonii			0			R				X		
I		Coenonympha dorus aquilonia			0			R						X
R	1284	Coluber viridiflavus			0			C	X					
R		Coronella girondica			0			P					X	
P		Crepis alpestris			0			P						X
P		Cystopteris fragilis			0			R						X
P		Draba aizoides var. bertolonii			0			R				X		
P		Dryas octopetala			0			C						X
P		Dryopteris submontana			0			P						X
I		Duvalius apuanus apuanus			0			P				X		
I		Duvalius caselii			0			P				X		
I		Duvalius doriai			0			R				X		
I		Erebia epiphron			0			R						X
I		Erebia gorge carboncina			0			V						X
I		Erebia gorge erynis			0			R						X
I		Erebia montana			0			R						X
I		Erebia neoridas sybillina			0			R						X
P		Eriophorum angustifolium			0			V						X
P		Erysimum pseudorhaeticum			0			R				X		
P		Euphorbia hyberna ssp. insularis			0			V				X		
P		Euphrasia salisburgensis			0			R						X
P		Festuca apuanica			0			P				X		

P		SAXATILIS L.		0			C				X	
P		Veronica longistyla		0			P					X
P		Woodsia alpina		0			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

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4.1 General site character

Habitat class	% Cover
N22	50.0
N11	3.0
N10	4.0
N08	11.0
N09	9.0
N16	20.0
N23	3.0
Total Habitat Cover	100

Other Site Characteristics

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

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 compresa una stazione di *Taxus baccata*. Da segnalare la presenza di due endemismi appenninici tra gli Anfibi: *Salamandrina terdigitata* e *Bombina pachypus*. Presenza di invertebrati endemici e di alcune specie di Lepidotteri, oltre alla *Callimorpha quadripunctaria* (nec quadripunctata!), estremamente localizzati e minacciati di estinzione come *Parnassius apollo* e *Erebia gorge carboncina limitata*, sulle Alpi Apuane, al Monte Tambura.

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	K01.01		i

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]
H	A04.03		b

M	D01.02		o
M	D01.01		b
H	C01		i
M	G01.02		o
L	A04		b
M	G01.02		i
M	H02		o
M	D02.01		b
H	H06.01		i
L	G05.01		i
L	F04.01		i
L	E01		o
L	E01.03		o
M	H06.01		o
M	J01		o
H	E03.03		i
M	A04.03		o
M	C01		o
M	D01.06		i
M	J01		i
M	E02		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

4.4 Ownership (optional)

Type	[%]	
Public	National/Federal	0
	State/Province	0
	Local/Municipal	0
	Any Public	40
Joint or Co-Ownership	0	
Private	60	
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. Baroni E. 1908 Supplemento generale al prodromo della flora toscana di T. Caruel Società botanica italiana Firenze. Bartelletti A., Guazzi E., Tomei P. E. 1997 Le zone umide delle Alpi Apuane: nuove acquisizioni floristiche Atti Soc. Tosc. Sci. Nat. Mem. ser. B 103: 49-54 (1996). 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 al Passo del Vestito al Passo degli Uncini e al M. Altissimo. In: Escursione sociale in Versilia e sulle Alpi Apuane 16-19 giugno 1969 Inform. Bot. Ital. 1: 126-127 (1969). Ferrarini E., Marchetti D. 1994 Prodromo alla flora della Regione Apuana. Parte prima (Lycopodiaceae - Leguminosae) 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. Herbarium Horti Pisani (PI), Pisa. Marchetti D., Monti G., Uzzo E. 1979 Guida all'Orto Botanico delle Alpi Apuane "Pietro Pellegrini". Pacini Editore, Pisa. Pignatti S. 1969 Saxifraga etrusca nova sp. aus dem Nordlichen Apennin nebst einer ubersicht uber die Saxifraga aspera - Sax. bryoides verwandtschaft Giorn. Bot. Ital. 103: 169-181. Rossi G., Tomaseli M. Dell'aquila 1988 Segnalazioni floristiche italiane: 551-561 Inf. Bot. Ital. 20(2-3): 668-670. Mammiferi: Lanza B., Azzaroli M.L. 1970 I Mammiferi delle Alpi Apuane Lavori della Società Italiana di Biogeografia Nuova Serie 1: 677-714. Uccelli: Comunicazione personale P. Sposimo. 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: Bordoni A. 1972 I Glyptomerus dell'Appennino

centrale e settentrionale e descrizione di nuove specie (Col. Staphylinidae) Redia 53: 347-371. 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 Paolo Maria Casini, Firenze. Comunicazione personale G. Vignali. Platia G. 1994 Fauna d'Italia. XXIII. Coleoptera Elateridae Calderini, Bologna. Molluschi: Alzona C. 1971 Malacofauna italiana. Catalogo e bibliografia dei Molluschi viventi, terrestri e d'acqua dolce Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale di Milano 111: 433 pp. Forcart L. 1968 Nuove raccolte malacologiche in Toscana Annali del Museo Civico di Storia Naturale "Giacomo Doria" 77: 81-91.

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT07	4.0	IT11	100.0	IT13	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 Castagnolo	/	
IT04	Valli glaciali di Orto di donna e Solco d'Equi	/	
IT11	Valli glaciali di Orto di donna e Solco d'Equi	/	
IT11	Valle del Serra - Monte Altissimo	/	
IT11	Monte Sumbra	/	
IT13	Monte Sumbra	/	
IT13	Valli glaciali di Orto di donna e Solco d'Equi	/	
IT04	Monte Sumbra	/	
IT04	Valle del Serra - Monte Altissimo	/	
IT11	Monte Castagnolo	/	
IT07	Valli glaciali di Orto di donna e Solco d'Equi	/	
IT04	Monte Castagnolo	/	
IT13	Valle del Serra - Monte Altissimo	/	

5.3 Site designation (optional)

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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Organisation:	<u>Consorzio (Consiglio di Gestione).</u>
Address:	<u>_____</u>
Email:	<u>_____</u>

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

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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).

253NE 238SE 1:25.000 UTM