



# 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 IT5120012  
SITENAME Monte Croce - Monte Matanna

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## 1. SITE IDENTIFICATION

<b>1.1 Type</b> B	<b>1.2 Site code</b> IT5120012	<a href="#">Back to top</a>
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### 1.3 Site name

Monte Croce - Monte Matanna

<b>1.4 First Compilation date</b>	<b>1.5 Update date</b>
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

<b>Date site classified as SPA:</b>	0000-00
<b>National legal reference of SPA designation</b>	No data
<b>Date site proposed as SCI:</b>	1995-06
<b>Date site confirmed as SCI:</b>	No data
<b>Date site designated as SAC:</b>	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

10.3425

Latitude

43.9925

### 2.2 Area [ha]:

1249.0

### 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
4030			62.45		M	D			
6210			437.15		M	A	C	A	A
8110			24.98		M	B	C	B	B
8120			24.98		M	D			
8210			149.88		M	A	C	A	A

8220		62.45		M	C		C	A	A
8310			1	P	A		C	A	A
9110		99.92		M	C		C	B	B
9260		187.35		M	B		C	A	A

- **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	<a href="#">Anthus campestris</a>			r	1	5	p		G	D			
P	1474	<a href="#">Aquilegia bertolonii</a>			p				R	DD	C	A	A	A
I	6199	<a href="#">Euplagia quadripunctaria</a>			p				C	DD	C	B	C	B
B	A103	<a href="#">Falco peregrinus</a>			c				R	DD	D			
B	A096	<a href="#">Falco tinnunculus</a>			p				P	DD	D			
B	A338	<a href="#">Lanius collurio</a>			r	6	10	p		G	C	B	C	C
B	A280	<a href="#">Monticola saxatilis</a>			r	1	5	p		G	C	B	C	C
B	A346	<a href="#">Pyrrhocorax pyrrhocorax</a>			p				P	DD	C	B	B	C
B	A333	<a href="#">Tichodroma muraria</a>			r	1	5	p		G	C	B	B	C

- **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		<a href="#">Alyssum montanum</a>			0			R							X
P		<a href="#">Armeria marginata</a>			0			P							X
P		<a href="#">Asperula purpurea apuana</a>			0			P				X			
P		<a href="#">Astrantia pauciflora</a>			0			P							X
P		<a href="#">Buphthalmum salicifolium ssp. flexile</a>			0			C				X			
P		<a href="#">Carex macrostachys</a>			0			C				X			
P		<a href="#">Carum apuanum</a>			0			C				X			
P		<a href="#">Cerastium apuanum</a>			0			C				X			
I		<a href="#">Chilostoma cingulatum apuanum</a>			0			C				X			
I		<a href="#">Chondrina oligodonta</a>			0			P				X			
P		<a href="#">Cirsium bertoloni</a>			0			P							X
I		<a href="#">Cochlodina comensis lucensis</a>			0			P				X			
R	1284	<a href="#">Coluber viridiflavus</a>			0			C	X						
I		<a href="#">Duvalius apuanus</a>			0			R				X			
I		<a href="#">Duvalius doriai</a>			0			R				X			
P		<a href="#">Galium paleoitalicum</a>			0			R				X			
P		<a href="#">Galium purpureum var. apuanum</a>			0			R				X			
P		<a href="#">Globularia incanescens</a>			0			C				X			
P		<a href="#">Hieracium rupiculum</a>			0			P							X

P		<a href="#">JUNIPERUS PHOENICEA L.</a>			0			V						X		
P		<a href="#">Leontodon anomalus</a>			0			C					X			
P		<a href="#">MOLTZIA SUFFRUTICOSA (L.) BRAND</a>			0			R					X			
M	1341	<a href="#">Muscardinus avellanarius</a>			0			C	X							
P		<a href="#">Paeonia officinalis</a>			0			R								X
P		<a href="#">Parnassia palustris</a>			0			R								X
I	1057	<a href="#">Parnassius apollo</a>			0			P	X							
M	1309	<a href="#">Pipistrellus pipistrellus</a>			0			P	X							
M	1311	<a href="#">Pipistrellus savii</a>			0			P	X							
R	1256	<a href="#">Podarcis muralis</a>			0			C	X							
P		<a href="#">Polygala carueliana</a>			0			R					X			
P		<a href="#">Rhamnus glaucophylla</a>			0			R					X			
P		<a href="#">Rhinanthus apuanus</a>			0			R					X			
A		<a href="#">Salamandra salamandra</a>			0			C				X				
P		<a href="#">SALIX CRATAEGIFOLIA BERTOL.</a>			0			R					X			
P		<a href="#">Santolina leucantha</a>			0			P					X			
P		<a href="#">SAXIFRAGA AIZOIDES L.</a>			0			R					X			
P		<a href="#">Saxifraga latina</a>			0			R					X			
P		<a href="#">SILENE LANUGINOSA BERTOL.</a>			0			R					X			
I		<a href="#">Solatopupa juliana</a>			0			C					X			
A	1185	<a href="#">Speleomantes italicus</a>			0			C	X							
M		<a href="#">Talpa caeca</a>			0			P								X
P		<a href="#">Taxus baccata</a>			0			R								X
P		<a href="#">THESIUM SOMMIERI HENDRYCH</a>			0			R					X			
A		<a href="#">Triturus alpestris</a>			0			C				X				
P		<a href="#">VALERIANA SAXATILIS L.</a>			0			R					X			

P		<a href="#">Veronica longistyla</a>		0		P													X
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- **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
N22	20.0
N16	40.0
N08	5.0
N09	10.0
N10	25.0
<b>Total Habitat Cover</b>	<b>100</b>

### Other Site Characteristics

Area di elevato pregio paesaggistico, con numerose testimonianze geomorfologiche fra cui spicca il torrione calcareo del Monte Procinto e la Grotta dell'Onda.

### 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. Da segnalare la presenza di estesi castagneti da frutto di interesse storico-paesaggistico. Da segnalare la presenza del Lepidottero Callimorpha quadripunctaria (nec quadripunctata!) e di numerosi 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	E01.03		o
H	D02.01		b
M	D01.02		o
L	H06.01		o
L	F03.01		b
L	J01		b
M	C01		o
L	K01.01		b

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

H	A05.01		o
L	F04.01		i
M	A04		o
M	E03.03		o
L	D01.01		b
M	A04.03		i
L	G01.04		i

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 M., Corsi G. Garbari F. 1996 Indagini biosistematiche sulla flora apuana. IV contributo Webbia, 51 (1): 31-57. Ferrarini E. 1967 Studi sulla vegetazione di altitudine delle Alpi Apuane. II. (continuazione) Webbia 22(2): 294-404. Ferrarini E., Pichi Sermolli R.E.G. Bizzarri M.P. Ronchieri I. 1997 Prodrromo alla flora della Regione Apuana. Parte seconda (Oxalidaceae - Campanulaceae) Acc. Lunig. Sci. G. Capellini. La Spezia. Herbarium Horti Pisani (PI), Pisa. Herbarium Universitatis Florentinae, Firenze. Garbari F. 1978 Un monumento naturale nelle Alpi di Stazzema: il Monte Procinto e la sua flora Rivista di Archeologia Storia Economia e Costume 6(4): 3-10. Garbari F., Monti G. 1979 Il Monte Procinto. In "Proceedings of the 2nd OPTIMA meeting comptes-rendus du 2eme colloque OPTIMA". Firenze 23-29 Maggio 1977 Webbia 34(1): 37-39. Garbari F., Monti G. 1979 Le Alpi Apuane. In "Proceedings of the 2nd OPTIMA meeting comptes-rendus du 2eme colloque OPTIMA". Firenze 23-29 Maggio 1977 Webbia 34(1): 33-36. Uccelli: Arcamone E., Tellini G. 1987 Cronaca ornitologica toscana: 1986 Quaderni del Museo di Storia Naturale di Livorno 8: 139-154. 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. Anfibi: Comunicazione personale P. Malenotti. Comunicazione personale J. Richards. Fait J.-C. 1994 20 anni di ricerche speleologiche in Versilia (Toscana Italia). Anni 1971-1991 In: Corchia 91 Atti 6 Congresso della Federazione Speleologica Toscana Stazzema 1-3. XI. 1991: 177-198. Insetti: Collezione Paolo Maria Casini, Firenze.

## 5. SITE PROTECTION STATUS (optional)

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### 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 [%]
IT04	Monte Corchia - Le Panie	/	
IT11	Monte Corchia - Le Panie	/	
IT13	Monte Corchia - Le Panie	/	

### 5.3 Site designation (optional)

## 6. SITE MANAGEMENT

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### 6.1 Body(ies) responsible for the site management:

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

254NO 253NE 1:25.000 UTM
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