



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 IT5190003
SITENAME Montagnola Senese

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 IT5190003	Back to top
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1.3 Site name

Montagnola Senese

1.4 First Compilation date 1995-07	1.5 Update date 2019-12
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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 11.196111 **Latitude** 43.309722

2.2 Area [ha]: 13746.0 **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
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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
3150			0.02		M	C	C	B	C
4030			20.75		M	D			
5130			5.63		M	D			
6110			0.51		M	D			
6210			7.19		M	D			
6220			0.35		M	D			
8310				68	M	A	C	B	B
91AA			493.72		M	C	C	C	C
91L0			1.6		M	D			
91M0			10.89		M	D			
9260			851.34		M	B	C	B	C
92A0			18.93		M	D			
9340			5995.91		M	B	B	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	A086	Accipiter nisus			p				P	DD	D			
B	A229	Alcedo atthis			p				R	DD	D			
B	A087	Buteo buteo			p				C	DD	C	B	C	B
M	1352	Canis lupus			p				V	DD	C	B	C	B
B	A224	Caprimulgus europaeus			r				P	DD	D			
B	A080	Circaetus gallicus			r	1	2	p		M	C	B	C	B
B	A082	Circus cyaneus			w				P	DD	C	B	C	C
B	A113	Coturnix coturnix			r				V	DD	D			
R	1279	Elaphe quatuorlineata			p				P	DD	C	B	C	B
I	6199	Euplagia quadripunctaria			p				P	DD	C	A	C	B
B	A103	Falco peregrinus			p	1	2	i		G	C	B	C	C
B	A099	Falco subbuteo			r				P	DD	D			
B	A096	Falco tinnunculus			p				P	DD	C	B	C	C
P	4104	Himantoglossum adriaticum			p				C	DD	C	B	C	B
B	A233	Jynx torquilla			p				P	DD	D			
B	A338	Lanius collurio			r				R	DD	D			
I	1083	Lucanus cervus			p				C	DD	B	A	C	B
B	A246	Lullula arborea			p				C	DD	D			
M	1310	Miniopterus schreibersii			p				R	DD	C	B	C	B
B	A281	Monticola solitarius			p				P	DD	C	B	C	C
M	1316	Myotis capaccinii			p				V	DD	C	B	C	B
M	1321	Myotis emarginatus			p				R	DD	C	A	C	A
M	1324	Myotis myotis			p				P	DD	C	B	C	B

B	A214	Otus scops			r				P	DD	C	B	C	B
F	1156	Padogobius nigricans			p				R	DD	C	B	C	C
B	A274	Phoenicurus phoenicurus			r				C	DD	C	B	C	C
M	1305	Rhinolophus euryale			p				R	DD	C	B	C	B
M	1304	Rhinolophus ferrumequinum			p	20	20	i		DD	C	A	C	A
M	1303	Rhinolophus hipposideros			p	10	20	i		DD	C	A	C	A
F	1136	Rutilus rubilio			p				P	DD	C	A	C	C
A	5367	Salamandrina perspicillata			p				R	DD	C	C	C	B
F	6148	Squalius lucumonis			p				R	DD	C	C	C	C
B	A302	Sylvia undata			p				P	DD	C	B	C	C
F	5331	Telestes muticellus			p				R	DD	C	B	C	C
R	1217	Testudo hermanni			p				P	DD	C	B	C	B
A	1167	Triturus carnifex			p				C	DD	C	A	C	B
B	A287	Turdus viscivorus			p				P	DD	D			
I	1014	Vertigo angustior			p				R	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		Alyssum bertolonii						C				X		
I		Apatura ilia						P						X
P		Armeria denticulata						C				X		
I		Balea perversa						V					X	
I		Calosoma sycophanta						R					X	
P		Centaurea aplolepa ssp. carueliana						C				X		
I		Charaxes jasius						P						X
R	1283	Coronella austriaca						P	X					
I		Dolichopoda laetitiae Menozzi						P				X		
R	1281	Elaphe longissima						P	X					
M	1327	Eptesicus serotinus						P	X					
P		Euphorbia nicaeensis ssp. prostrata						R				X		
P		Festuca inops						C				X		
P		Festuca robustifolia						C				X		
A	5358	Hyla intermedia						P					X	
M		Hypsugo savii						P			X			
M	1344	Hystrix cristata						C	X					
R		Lacerta bilineata						P					X	
I		Leptotyphlus senensis						P				X		
I		Otiorhynchus latirostris						P				X		
I		Oxychilus uziellii						P				X		
R	1256	Podarcis muralis						C	X					
R	1250	Podarcis sicula						C	X					
P		Polygala flavescens						C				X		
I		Potamon fluviatile						P						X
A	1209	Rana dalmatina						P	X					
A	1206	Rana italica						C	X					

I		Retinella olivetorum						C				X		
I		Solatopupa juliana						C				X		
P		Stipa etrusca						R				X		
P		Stipa etrusca						R				X		
I		Theodoxus fluviatilis						P						X
P		Thymus acicularis var. ophioliticus						P				X		
P		Thymus striatus var. ophioliticus						C				X		
A		Triturus vulgaris						C					X	
I		Troglorhynchus latirostris						P				X		
I	1053	Zerynthia polyxena						P	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
N18	40.0
N16	36.0
N06	1.0
N23	3.0
N21	4.0
N08	4.0
N15	8.0
N09	1.0
N20	3.0
Total Habitat Cover	100

Other Site Characteristics

Area sub-montana prevalentemente boscata con appezzamenti sparsi di colture, modesti impianti di conifere e piccole aree a pascolo. L'area è caratterizzata da estesi fenomeni carsici con formazione di numerose cavità naturali, nella parte orientale vi sono affioramenti di ofioliti.

4.2 Quality and importance

Area con un buon livello di naturalità diffusa ad elevata biodiversità di specie e di habitat. Da segnalare la presenza di predatori specializzati come Circaetus gallicus. Da segnalare, fra gli Anfibi, la presenza del Triturus carnifex, specie endemica italiana, e fra gli Invertebrati di alcune specie endemiche.

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	A07		b
H	A06.04		i
M	F03		i
M	A01		i
L	F04		i
H	A03.03		i
M	D01.02		b
M	G01.04.02		i
M	I01		i
M	J02		i
M	I02		i
M	C01		i
M	A02		b
H	B02		i
L	E06		i
M	G01.04.03		b
L	K02		i
M	B07		i
H	A04.03		i
M	H01		b
M	I03.01		b

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

M	J03		i
H	J01.01		i
M	G05.08		b
M	D02.01		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 Collezione F. Giusti, Dip. di Biologia Evolutiva, Università di Siena. Comunicazione M. Migliorini. Piante Vascolari: Collezione Museo "La Specola" (Firenze). Giunta Regionale Toscana (a cura di), 1985, Toscana Le Aree Verdi, Edizioni La Girandola. Comunicazione Leonardo Favilli. Chiarucci A., Foggi B., Selvi F., 1995, Garigue palnte communities of ultramorphic outcrops in Tuscany. Webbia 49(2): 179-192. Ferri S., 1965, Ricerche sulla vegetazione delle colline ad ovest di Siena (P.gio S. Pio in Lecceto). Webbia, 31: 105-113. Mammiferi: Comunicazione personale Kock D. Uccelli: Arcamone E. Tellini G. 1992 Cronaca ornitologica toscana: 1988-1989 Quaderni del Museo di Storia Naturale di Livorno 12: 37-69. Tellini Florenzano G. Arcamone E. Baccetti N. Meschini E. Sposimo P. (eds.) 1997 Atlante degli uccelli nidificanti e svernanti in Toscana (1982-1992) Quaderni del Museo di Storia Naturale di Livorno Monografie 1: 414 pp. Rettili: Museo di Storia Naturale dell'Università di Firenze, Sezione di Zoologia "La Specola" Anfibi: Museo di Storia Naturale dell'Università di Firenze, Sezione di Zoologia "La Specola". Piazzino S., Favilli L. & Manganelli G., 2005. Atlante degli Anfibi della Provincia di Siena (1999-2004). Sistema delle riserve Naturali della Provincia di Siena, Quaderni Naturalistici, 1: 112 pp. Insetti: Collezione Claudio Finetti, Siena. Comunicazione personale Finetti Claudio, Siena. Collezione Piero Abbazzi. Pace R. - Nuove specie di Leptotyphlinae della Toscana (Coleoptera Staphylinidae), 1978, Boll. Mus. civ. St. nat. Verona, 5: 431-438. Crostacei e Molluschi: Museo Civico di Storia Naturale, Verona C.R.I.P. (a cura di) - Gestione della fauna ittica. Presupposti ecologici e popolazionistici., 1991, Vol. II, 421 pp.; Firenze. Manganelli G., Giusti F. - First contribution to the revision of the *Oxychilus* species living in the Italian Apennine Regions: *Zonites utziellii* Issel. (Pulmonata: Zonitidae), 1985, Arch. Molluskenkunde, 115: 311-323. Pretzmann G. 1984 Potamidenstudien in Norditalien 1983 Ann. Natuhist. Mus. Wien (Bot. Zool.), 1986: 279-283.

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

[Back to top](#)

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
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	Alta Val di Merse	/	

5.3 Site designation (optional)

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

[Back to top](#)

Organisation:	Regione Toscana
Address:	Via di Novoli, 26 - 50127 Firenze
Email:	parchiareeprotette_biodiversita@regione.toscana.it

6.2 Management Plan(s):

An actual management plan does exist:

<input type="checkbox"/>	Yes
<input checked="" type="checkbox"/>	No, but in preparation
<input type="checkbox"/>	No

6.3 Conservation measures (optional)

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).

106 I NO - 106 IV NE 1:25000 Gauss-Boaga