



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 IT4050003

SITENAME Monte Sole

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code IT4050003	Back to top
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1.3 Site name

Monte Sole

1.4 First Compilation date 1995-04	1.5 Update date 2022-12
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1.6 Respondent:

Name	Regione Emilia-Romagna - Direzione Generale Cura del territorio e dell'ambiente - Servizio Aree protette, foreste e
/Organisation:	sviluppo della montagna
Address:	Viale Aldo Moro, 30 - 40127 Bologna
Email:	segrprn@regione.emilia-romagna.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:	2019-03
National legal reference of SAC designation:	DM 13/03/2019 - G.U. 79 del 03-04-2019

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

Longitude
11.193889

Latitude
44.303333

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2.2 Area [ha]:

6476.0

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

ITD5	Emilia-Romagna
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2.6 Biogeographical Region(s)

Continental (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
3140B			0.07		G	A	B	A	A
3240B			17.89		G	B	C	B	B
3270B			36.62		G	B	C	B	B
4030B			20.77		G	A	C	B	B
5130B			10.56		G	A	C	A	A
6110B			9.78		G	B	C	A	A
6210B	X		239.37		G	A	C	A	A
6220B			38.13		G	B	C	A	B
6410B			0.69		G	D			
7220B			1.23		G	C	C	A	C
8310B			0.1		G	B	C	B	B
9180B			37.35		G	B	C	A	B
91AA0B			23.79		G	B	C	B	B
91E0B			4.76		G	B	C	A	B
9260B			797.17		G	A	C	A	A
92A0B			80.96		G	B	C	A	B
9340B			8.28		G	C	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	A229	Alcedo atthis			c				C	DD	C	C	C	B
B	A255	Anthus campestris			r				P	DD	C	C	C	B
B	A091	Aquila chrysaetos			c				P	DD	C	C	C	B
B	A773	Ardea alba			c				P	DD	C	C	C	B
B	A029	Ardea purpurea			c				R	DD	D			
I	1092	Austropotamobius pallipes			p				P	DD	C	B	C	B
F	5086	Barbus caninus			p				V	DD	C	B	C	C
F	1137	Barbus plebejus			p				C	DD	C	B	C	B
M	1352	Canis lupus			p				P	DD	C	B	C	B
B	A224	Caprimulgus europaeus			r				P	DD	C	C	C	B
I	1088	Cerambyx cerdo			p				P	DD	C	B	C	C
F	5304	Cobitis bilineata			p				V	DD	C	C	C	C
B	A212	Cuculus canorus			r				C	DD	C	B	C	B
B	A738	Delichon urbicum			r				C	DD	C	B	C	C
B	A237	Dendrocopos major			p				C	DD	C	A	C	B
I	6199	Euplagia quadripunctaria			p				P	DD	C	B	C	C
B	A103	Falco peregrinus			p				R	DD	C	A	C	B
P	4104	Himantoglossum adriaticum			p				P	DD	C	B	C	B
B	A300	Hippolais polyglotta			r				C	DD	C	B	C	C
B	A251	Hirundo rustica			r				C	DD	C	B	C	C
B	A338	Lanius collurio			r				C	DD	C	B	C	C
I	1083	Lucanus cervus			p				P	DD	C	B	C	C
B	A246	Lullula arborea			r				C	DD	C	B	C	C
B	A271	Luscinia megarhynchos			r				C	DD	C	B	C	C
B	A319	Muscicapa striata			r				C	DD	C	B	C	C
M	1321	Myotis emarginatus			p				P	DD	C	B	C	B
B	A337	Oriolus oriolus			r				C	DD	C	B	C	C
I	1084	Osmoderma eremita			p				P	DD	C	B	C	B
B	A072	Pernis apivorus			r				R	DD	C	B	C	C
B	A274	Phoenicurus phoenicurus			r				C	DD	C	B	C	C
B	A499	Phylloscopus bonelli			r				C	DD	C	B	C	C
F	5962	Protochondrostoma genei			p				C	DD	C	B	C	B
M	1304	Rhinolophus ferrumequinum			p				P	DD	C	B	C	B
M	1303	Rhinolophus hipposideros			p				P	DD	C	B	C	B
B	A304	Sylvia cantillans			r				C	DD	C	B	C	C
B	A309	Sylvia communis			r				C	DD	C	B	C	C
F	5331	Telestes muticellus			p				C	DD	C	B	C	B
A	1167	Triturus carnifex			p				P	DD	C	B	C	C
B	A232	Upupa epops			r				R	DD	C	B	C	C

I	1014	Vertigo angustior			p				P	DD	B	B	A	B
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- **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		Anacamptis pyramidalis						P					X	
I		Cicindela majalis						P						X
I		Coenagrion pulchellum						P						X
I		Coenonympha dorus aquilonia						P						X
M	1327	Eptesicus serotinus						p	X					
F		Esox lucius						P			X			
P	1866	Galanthus nivalis						P		X				
F		Gobio gobio						P			X			
R	5670	Hierophis viridiflavus						P	X					
M	5365	Hypsugo savii						P	X					
M	1344	Hystrix cristata						P	X					
R	5179	Lacerta bilineata						P	X					
A		Lissotriton vulgaris						P			X			
I		Maculinea rebeli						P						X
M	1330	Myotis mystacinus						P	X					
M	1312	Nyctalus noctula						P	X					
I		Oberea pedemontana						P						X
P		Ononis masquillierii						P				X		
P		Orchis coriophora						P					X	
F		Padogobius martensii						P			X			
A	6976	Pelophylax esculentus						P		X				
P		Pinus sylvestris						P						X
M	2016	Pipistrellus kuhlii						P	X					
M	1317	Pipistrellus nathusii						P	X					
M	1309	Pipistrellus pipistrellus						P	X					
M	1329	Plecotus austriacus						P	X					
R	1256	Podarcis muralis						P	X					
R	1250	Podarcis siculus						P	X					
A	1209	Rana dalmatina						P	X					
A	1206	Rana italica						P	X					

P	1849	Ruscus aculeatus						P		X				
P		Samolus valerandi						P						X
P		Schoenoplectus mucronatus						P						X
I		Stomis bucciarellii						P						X
M	1333	Tadarida teniotis						P	X					
F		Tinca tinca						P						X
A		Triturus alpestris						P			X			
R	6091	Zamenis longissimus						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

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Habitat class	% Cover
N20	1.0
N09	5.0
N15	5.0
N16	40.0
N22	2.0
N08	10.0
N19	1.0
N10	15.0
N12	10.0
N14	5.0
N06	2.0
N18	1.0
N07	1.0
N21	1.0
N23	1.0
Total Habitat Cover	100

Other Site Characteristics

Area collinare situata tra il torrente Setta e il fiume Reno. Boschi mesofili, xerofili, castagneti, boschi igrofili; arbusteti e praterie. Massiccio rilievo arenaceo. Sorgenti petrificanti. Agricoltura tradizionale (archeofite).

4.2 Quality and importance

Specie vegetali CORINE appendice K: Himantoglossum adriaticum, Orchis coriophora, Ononis masquillierii. RARE: Orchis coriophora, Pinus sylvestris. POPOLAZIONI APPENNINICHE: Pinus sylvestris. RARISSIME e MINACCIATE: Serapias cordigera. Specie animali: sporadica presenza di Falco peregrinus e Falco biarmicus. Esox lucius: scomparso da interi bacini idrogarfici, indicatore di buone condizioni ecologiche. Gobio gobio: in Emilia-Romagna specie relativamente diffusa ma fortemente rarefatta negli ultimi decenni, in regressione in ampi settori dell'areale italiano. Tinca tinca: specie in declino in Emilia-Romagna.

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	D01		i
M	A09		i
M	F07		i
M	K05		i
M	A21		i
L	D05		o
M	G14		i
M	A08		i
M	G08		i
M	E01		i
L	F02		i

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

4.5 Documentation

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	96.0	IT13	4.0		

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IT04	Parco Regionale Monte Sole	*	96.0

5.3 Site designation (optional)

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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Organisation:	ENTE GESTORE: Ente di Gestione per i Parchi e la Biodiversità Emilia orientale
Address:	recapiti ed email consultabili sul web: http://ambiente.regione.emilia-romagna.it/it/parchi-natura2000/consultazione/enti-di-gestione/enti-gestione-parchi
Email:	-

6.2 Management Plan(s):

An actual management plan does exist:

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

6.3 Conservation measures (optional)

Le Misure Specifiche di Conservazione sono consultabili alla pagina web del sito: <http://ambiente.regione.emilia-romagna.it/it/parchi-natura2000/rete-natura-2000/siti/it4050003>

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).

237SO 237SE 237NO 237NE 1:25.000 UTM