

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code

Region Name

ITC3

Liguria

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
3130 B			0.001		M	D			
3260 B			0.001		M	D			
4030 B			6.12		M	B	C	B	B
4090 B			339.84		M	C	C	B	B
5110 B			391.47		M	C	C	B	B
5130 B			47.17		M	B	C	B	B
6110 B			3.5		M	A	C	B	B
6210 B			255.18		M	C	C	B	B
6410 B			0.68		M	D			
6430 B			0.001		P	D			
6510 B			34.24		M	C	C	B	B
7230 B			0.36		M	B	C	C	B
8220 B			26.38		M	C	C	B	B
8230 B			32.32		M	C	C	B	B
8310 B				20	P	B	C	B	B
9110 B			3.06		M	C	C	B	B
91AA B			0.001		M	D			
91E0 B			43.14		M	B	C	B	B
9260 B			778.39		M	B	C	B	C
9340 B			319.22		G	C	C	C	B
9540 B			270.16		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			
						Min	Max				Pop.	Con.	Iso.	Glo.
B	A086	Accipiter nisus			p				P	DD	D			
B	A324	Aegithalos caudatus			p				P	DD	D			
B	A247	Alauda arvensis			p				P	DD	D			
B	A110	Alectoris rufa			p				R	DD	D			
B	A255	Anthus campestris			c				P	DD	D			
B	A257	Anthus pratensis			w				P	DD	D			
B	A259	Anthus spinoletta			w				P	DD	C	B	C	C
B	A256	Anthus trivialis			r				P	DD	D			
A	5357	Bombina pachipus	Yes		p				P	DD	D			
B	A087	Buteo buteo			p				P	DD	D			
M	1352	Canis lupus			p				P	DD	C	B	B	B
B	A224	Caprimulgus europaeus			r				P	DD	C	B	C	C
B	A366	Carduelis cannabina			r				P	DD	D			
B	A364	Carduelis carduelis			p				P	DD	D			
B	A363	Carduelis chloris			r				P	DD	D			
B	A365	Carduelis spinus			w				P	DD	D			
B	A335	Certhia brachydactyla			p				P	DD	D			
B	A082	Circus cyaneus			w				P	DD	D			
B	A208	Columba palumbus			r				P	DD	D			
B	A349	Corvus corone			p				P	DD	D			
B	A212	Cuculus canorus			r				P	DD	D			
B	A237	Dendrocopos major			p				P	DD	D			
B	A378	Emberiza cia			p				P	DD	D			
B	A377	Emberiza cirius			r				P	DD	D			
B	A379	Emberiza hortulana			r				P	DD	D			
B	A269	Erithacus rubecula			p				P	DD	D			
I	6199	Euplagia quadripunctaria			p				P	DD	C	B	C	B
B	A103	Falco peregrinus			p				P	DD	D			
B	A096	Falco tinnunculus			p				P	DD	D			
B	A359	Fringilla coelebs			p				P	DD	D			
B	A360	Fringilla montifringilla			w				P	DD	D			
B	A342	Garrulus glandarius			p				P	DD	D			
P	4096	Gladiolus palustris			p				P	DD	D			
B	A300	Hippolais polyglotta			c				P	DD	D			
B	A233	Jynx torquilla			r				P	DD	D			
B	A338	Lanius collurio			r				P	DD	C	B	C	C
B	A341	Lanius senator			c				P	DD	D			
I	1083	Lucanus cervus			p				P	DD	C	C	B	C
B	A246	Lullula arborea			p				P	DD	D			
B	A271	Luscinia megarhynchos			r				P	DD	D			

B	A383	Miliaria calandra			r				P	DD	D				
B	A280	Monticola saxatilis			c				P	DD	D				
B	A262	Motacilla alba			p				P	DD	D				
B	A261	Motacilla cinerea			p				P	DD	D				
B	A277	Oenanthe oenanthe			c				P	DD	D				
B	A328	Parus ater			r				P	DD	D				
B	A329	Parus caeruleus			p				P	DD	D				
B	A327	Parus cristatus			r				P	DD	C	B	B	B	
B	A330	Parus major			p				P	DD	D				
B	A325	Parus palustris			c				P	DD	D				
B	A273	Phoenicurus ochruros			p				P	DD	D				
B	A274	Phoenicurus phoenicurus			r				P	DD	D				
B	A313	Phylloscopus bonelli			r				P	DD	D				
B	A315	Phylloscopus collybita			p				P	DD	D				
B	A316	Phylloscopus trochilus			c				P	DD	D				
B	A235	Picus viridis			p				P	DD	D				
B	A267	Prunella collaris			r				P	DD	C	B	C	C	
B	A266	Prunella modularis			r				P	DD	D				
B	A372	Pyrrhula pyrrhula			r				P	DD	D				
B	A318	Regulus ignicapillus			w				P	DD	D				
B	A317	Regulus regulus			w				P	DD	D				
M	1304	Rhinolophus ferrumequinum			p				P	DD	C	C	C	C	
M	1303	Rhinolophus hipposideros			p				P	DD	C	C	C	C	
B	A275	Saxicola rubetra			c				P	DD	D				
B	A276	Saxicola torquata			p				P	DD	D				
B	A155	Scolopax rusticola			w				P	DD	D				
B	A361	Serinus serinus			p				P	DD	D				
B	A332	Sitta europaea			p				P	DD	D				
A	6211	Speleomantes strinatii			p				P	DD	C	C	C	C	
B	A210	Streptopelia turtur			r				P	DD	D				
B	A219	Strix aluco			p				P	DD	D				
B	A311	Sylvia atricapilla			p				P	DD	D				
B	A304	Sylvia cantillans			r				P	DD	C	B	C	C	
B	A309	Sylvia communis			r				P	DD	D				
A	1167	Triturus carnifex			p				R	DD	C	B	C	B	
B	A265	Troglodytes troglodytes			p				P	DD	D				
B	A283	Turdus merula			p				P	DD	D				
B	A285	Turdus philomelos			w				P	DD	D				
B	A284	Turdus pilaris			c				P	DD	D				
B	A287	Turdus viscivorus			c				P	DD	D				

- **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		Alyssoides utriculata						P				X		
I		Alzoniella sp.						R				X		
P		Amanita gioiosa						V						X
P		Amanita pachyvolvata						V						X
P		Anemone trifolia brevidentata						R				X		
P		Antennaria dioica						R						X
I		Arethusana arethusana						C						X
I		Argna biplicata biplicata						P						X
I		Argna bourguignatiana						R				X		
I		Arion franciscoi						P				X		
P		Armeria plantaginea						V						X
P		Asplenium cuneifolium						V						X
P		Asplenium forsiense						V						X
I		Avenionia ligustica						P				X		
I		Bardeniella zwickii						C				X		
I		Bidessus tiragalloi						R						X
A		Bufo bufo						C					X	
P		Buxus sempervirens						C						X
P		Cardamine plumieri						R						X
P		Centaurea apolepa						P						X
P		Centaurea apolepa ssp. ligustica						C				X		
P		Centaurea apolepa ssp. lunensis						R				X		
P		Cephalanthera longifolia						R					X	
I		Charpentieria itala punctata						P						X
I		Clausilia rugosa pinii						P						X
P		Clavaria zollingeri						V						X
I		Cochlodina bidens						P				X		
P		Crepis foetida						P				X		
P		Crocus ligusticus						R				X		
P		Dictamnus albus						V						X
P		Drosera rotundifolia						V						X

A		salamandra						C					X	
P		Serapias neglecta						R					X	
P		SESAMOIDES PYGMAEA (SCHEELE) KUNTZE						R						X
P	1900	Spiranthes aestivalis						V	X					
I		Striolata striolata						P					X	
P		Teesdalia nudicaulis						V						X
A		Triturus alpestris						C					X	
P		Tulipa australis						V						X
I		Ulomyia mirabilis						R					X	
I	1053	Zerynthia polyxena						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
N09	20.0
N22	5.0
N08	60.0
N10	5.0
N06	3.0
N23	1.0
N16	4.0
N17	2.0
Total Habitat Cover	100

Other Site Characteristics

Zona di versante con presenza di culminazioni e di aree di fondovalle. In tutta l'area sono presenti estesi affioramenti rocciosi; ad E del M. Roccagrande si trovano zone umide situate in zone piane e orlate da terrazzi. In quest'area affiorano terreni calcarei ed ofiolitici. Nello stagno di Rocca Grande si segnalano resti archeologici risalenti all'olocene di notevole interesse.

4.2 Quality and importance

Il substrato, prevalentemente ofiolitico, permette il ristagno di acqua negli avvallamenti e la formazione di piccoli stagni con habitat e specie di notevole interesse floristico e faunistico. Alcuni habitat, con caratteri di unicità (formazioni a Buxus e Genista salzmanni) sono stati proposti dalla Regione Liguria come prioritari per l'inserimento nell'All. I della direttiva 92/43. Nello stagno di Rocca Grande si segnalano resti archeologici risalenti all'Olocene. Il sito ospita, oltre a specie e habitat prioritari della direttiva 92/43 CEE, un gran numero di taxa protetti ai sensi di direttive/convenzioni internazionali ed endemiti di particolare rilevanza

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	Pollution (optional)	inside/outside

Positive Impacts			
Rank	Activities, management	Pollution (optional)	inside/outside

	[code]	[code]	[i o b]
H	A04.03		-
M	M01		-
M	A06		-
M	K04.03		-
M	B04		-
H	J03.01		-
M	D01.02		-
H	E06.02		-
M	XE		-
M	K05.01		-
M	J03.02		-
M	K01.02		-
M	G01.04.01		-
M	K04.02		-
H	A02		-

	[code]	[code]	[i o b]
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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

AA.VV. - 1994 - Appennino Ligure Emiliano. Guide geologiche regionali, 6: 381. - Cortesogno L., Galbiati B., Principi G.F., Vercesi Del Castellazzo G. - 1981 - Carta geologica delle ofioliti del Bracco tra Levante e Velva. S.EL.C.A.- Cortesogno L., Palenzona A. - 1986 - Le nostre rocce.- Cortesogno L., Galbiati B., Principi G.F. - 1989 - Note illustrative della carta geologica delle ofioliti del Bracco. Ofioliti.- Decandia F.A., Elter P. - 1972 - La zona ofiolitifera del Bracco nel settore compreso tra Levante e la Val Graveglia. 66^o Cong. Geol. Soc. It., Pisa, 37-64. - Decandia F.A., Elter P. - 1972 - Carta geologica 1:25.000 del Bracco nel settore tra Levante e M.Zatta. Mem. Soc. Geol. It., 11 (suppl. 19): 503-511.- Elter P. - 1972 - La zona ofiolitifera del Bracco nel quadro dell'appennino settentrionale. 66^o congresso Soc. Geol. It., Pisa.- Galbiati B. - 1971 - Carta geologica schematica della ruga del Bracco tra M.Zatta e Moneglia (Appennino Ligure). Atti Ist. Geol. Univ. di Pavia, 21: 148-152. - Galbiati B. - 1985 - L'unit? del Bracco e il suo ruolo nella paleogeografia ligure cretacea. Atti Ist. Geol. Univ. di Pavia, 30 (2): 316-336.- Meccheri M., Antompaoli M.L. - 1982 - Analisi strutturale ed evoluzione delle deformazioni della regione di M.Verruga, M.Porcile e Maissana (Appennino Ligure, La Spezia). Boll. Soc. Geol. It., 101: 117-140.- Rovereto G. - 1939 - Liguria geologica. Mem. Soc. Geol. It., 2: 743.

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT11	100.0	IT07	2.0		

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IT11	M. ZATTA - P.so DEL BOCCO - P.so CHIAPPARINO - M. BOSSEA	/	

5.3 Site designation (optional)

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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Organisation:	Regione Liguria - Dipartimento Ambiente - Servizio Parchi, Aree Protette e Biodiversità
Address:	Via Fieschi, 15 - 16121 Genova
Email:	parchi@regione.liguria.it

6.2 Management Plan(s):

An actual management plan does exist:

- Yes
- No, but in preparation
- No

6.3 Conservation measures (optional)

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).

F. 564 / II F. 572 / I 1:25.000 Gauss-Boaga