



## 2.4 Sitelength [km]:

0.0

## 2.5 Administrative region code and name

NUTS level 2 code

Region Name

ITC3	Liguria
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## 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
3170 <b>B</b>			2.39		P	D			
3280 <b>B</b>			2.39		P	C	C	C	C
4030 <b>B</b>			2.39		P	C	C	B	C
4090 <b>B</b>			23.9		P	B	C	B	B
5110 <b>B</b>			23.9		P	B	C	B	B
6110 <b>B</b>			2.39		P	C	C	B	B
6210 <b>B</b>			23.9		P	C	C	C	C
6220 <b>B</b>			2.39		P	C	C	C	C
6430 <b>B</b>			2.39		P	C	C	B	C
8220 <b>B</b>			2.39		P	C	C	C	C
8230 <b>B</b>			2.39		P	D			
91E0 <b>B</b>			2.39		P	C	C	C	B
9260 <b>B</b>			11.95		P	B	C	C	C
9340 <b>B</b>			23.9		P	C	C	C	B
9540 <b>B</b>			71.7		P	B	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	A B C		
						Min	Max				Pop.	Con.	Iso.	Glo.

B	A256	<a href="#">Anthus trivialis</a>			c				P	DD	D			
B	A226	<a href="#">Apus apus</a>			r				P	DD	D			
B	A218	<a href="#">Athene noctua</a>			c				P	DD	D			
B	A224	<a href="#">Caprimulgus europaeus</a>			c				P	DD	D			
B	A364	<a href="#">Carduelis carduelis</a>			p				P	DD	D			
B	A363	<a href="#">Carduelis chloris</a>			r				P	DD	D			
B	A335	<a href="#">Certhia brachydactyla</a>			p				P	DD	D			
B	A208	<a href="#">Columba palumbus</a>			c				P	DD	D			
B	A349	<a href="#">Corvus corone</a>			c				P	DD	D			
B	A212	<a href="#">Cuculus canorus</a>			r				P	DD	D			
B	A269	<a href="#">Erithacus rubecula</a>			w				P	DD	D			
B	A359	<a href="#">Fringilla coelebs</a>			p				P	DD	D			
B	A342	<a href="#">Garrulus glandarius</a>			p				P	DD	D			
B	A300	<a href="#">Hippolais polyglotta</a>			c				P	DD	D			
B	A251	<a href="#">Hirundo rustica</a>			c				P	DD	D			
B	A233	<a href="#">Jynx torquilla</a>			r				P	DD	D			
B	A338	<a href="#">Lanius collurio</a>			r				P	DD	D			
B	A271	<a href="#">Luscinia megarhynchos</a>			r				P	DD	D			
B	A319	<a href="#">Muscicapa striata</a>			c				P	DD	D			
B	A328	<a href="#">Parus ater</a>			w				P	DD	D			
B	A329	<a href="#">Parus caeruleus</a>			p				P	DD	D			
B	A330	<a href="#">Parus major</a>			p				P	DD	D			
B	A315	<a href="#">Phylloscopus collybita</a>			p				P	DD	D			
B	A235	<a href="#">Picus viridis</a>			c				P	DD	D			
B	A266	<a href="#">Prunella modularis</a>			w				P	DD	D			
B	A318	<a href="#">Regulus ignicapillus</a>			c				P	DD	D			
B	A361	<a href="#">Serinus serinus</a>			c				P	DD	D			
B	A332	<a href="#">Sitta europaea</a>			c				P	DD	D			
B	A219	<a href="#">Strix aluco</a>			c				P	DD	D			
B	A311	<a href="#">Sylvia atricapilla</a>			p				P	DD	D			
B	A309	<a href="#">Sylvia communis</a>			c				P	DD	D			
B	A283	<a href="#">Turdus merula</a>			p				P	DD	D			
B	A285	<a href="#">Turdus philomelos</a>			c				P	DD	D			
I	1014	<a href="#">Vertigo angustior</a>			p				V	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.	Annex		Other categories			
					Min	Max			IV	V	A	B	C	D
P		<a href="#">Alyssum bertolonii</a>						R				X		
P		<a href="#">Armeria denticulata</a>						R						X
P		<a href="#">Asplenium adiantum-nigrum corunnense</a>						V						X
P		<a href="#">Buxus sempervirens</a>						C						X
P		<a href="#">Centaurea apiolepa ssp. lunensis</a>						R				X		
R		<a href="#">Chalcides chalcides</a>						R					X	
P		<a href="#">Cheilanthes marantae</a>						P						X
I		<a href="#">Cochlodina bidens</a>						P				X		
P		<a href="#">Genista salzmannii</a>						C				X		
I		<a href="#">Gonepteryx cleopatra</a>						P						X
P		<a href="#">Leucanthemum pachyphyllum</a>						R				X		
P		<a href="#">Notholaena marantae</a>						R						X
P		<a href="#">Orchis morio</a>						C					X	
P		<a href="#">Osmunda regalis</a>						V						X
P		<a href="#">Plectania rhytidia</a>						R						X
A	1210	<a href="#">Rana esculenta</a>						C		X				
P	1849	<a href="#">Ruscus aculeatus</a>						P		X				
P		<a href="#">Serapias lingua</a>						V					X	
P		<a href="#">SILENE PARADOXA L.</a>						R						X
I		<a href="#">Solatopupa juliana</a>						P				X		
P		<a href="#">Staehelina dubia</a>						P						X
P		<a href="#">Staehelina dubia</a>						V						X
P		<a href="#">Tulostoma brevipes</a>						R						X
P		<a href="#">Tulostoma brumale</a>						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

### 4.1 General site character

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Habitat class	% Cover
N08	15.0
N17	30.0
N21	5.0
N16	25.0
N15	2.0
N09	11.0

N22	2.0
N06	1.0
N23	9.0
<b>Total Habitat Cover</b>	<b>100</b>

#### Other Site Characteristics

La zona è caratterizzata da una alternanza di culminazioni e zone di fondovalle profondamente incise. Sono presenti forme a terrazzo di varia origine e fasce terrazzate. Nell'area affiorano substrati ofiolitici.

#### 4.2 Quality and importance

Il sito comprende habitat con caratteristiche di unicità, legate ai substrati ofiolitici: pseudomacchia e pseudogariga a Buxus, Genista salzmannii, Alyssum bertolonii ed altre metallofite e specie floristiche endemiche o rare. Alcuni habitat e specie sono stati proposti dalla Regione Liguria per l'inclusione negli All. I e II della Direttiva (ad esempio Alyssum bertolonii, endemico, indicatore, raro, ad areale fortemente disgiunto); nel sito sono presenti endemiti di rilievo ed habitat prioritari per la direttiva 92/43 CEE

#### 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	A08		-
M	J02		-
M	B02		-
M	G01		-
M	I01		-
M	H01		-
M	K02		-
M	H02		-
M	A04		-
M	J03		-
M	K03.02		-
M	D01		-
M	F03.01.01		-

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

Elter P., Schwab K. - 1957 - Geologia della regione fra Vara e Magra (Appennino ligure-toscano). Boll. Soc. Geol. It., 76 (2): 157-170.

### 5. SITE PROTECTION STATUS (optional)

#### 5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT00	90.0	IT11	10.0		

#### 5.2 Relation of the described site with other sites:

#### 5.3 Site designation (optional)

### 6. SITE MANAGEMENT

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

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Organisation:	PROVINCIA DELLA SPEZIA - Servizio Parchie e Aree Protette
Address:	Via Vittorio Veneto, 2 - 19124 LA SPEZIA
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)

## 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).

162 IV SE 405042 1:25000 Gauss-Boaga; CARTA DEGLI HABITAT; CORINE LANDCOVER III