

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

[Back to top](#)

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
6110B			0.1		M	D			
6210B			0.001		M	D			
6430B			1.9		P	B	C	B	B
8210B			0.2		M	D			
91AAB			67.57		M	C	C	B	A
91E0B			7.09		M	B	C	B	B
9260B			51.0		M	C	C	C	C
9340B			52.0		M	B	C	C	B
9540B			48.0		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	A B C		
						Min	Max				Pop.	Con.	Iso.	Glo.
B	A086	Accipiter nisus			c				P	DD	D			
B	A324	Aegithalos caudatus			p				P	DD	D			
B	A247	Alauda arvensis			p				P	DD	D			
B	A256	Anthus trivialis			r				P	DD	D			
B	A226	Apus apus			r				P	DD	D			
B	A218	Athene noctua			c				P	DD	D			

B	A232	Upupa epops			r				P	DD	D				
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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		Anemone trifolia brevidentata						P				X		
P		Aquilegia atrata						P				X		
I		Argna ligustica						P				X		
I		Avenionia ligustica						P				X		
P		Brachypodium genuense						P				X		
I		Bryaxis italicus						P				X		
A		Bufo bufo						C					X	
P		Campanula medium						P				X		
R	1284	Coluber viridiflavus						C	X					
P		Degelia atlantica						V						X
P		Dicranella howei						R				X		
P		Epipactis muelleri						P					X	
I		Eudarcia nerviella						P				X		
P		Fissidens limbatum						R						X
I		Gonepteryx cleopatra						P						X
P		Hyophila involuta						R			X			
P		Leptogium brebissonii						V			X			
P		LIMODORUM ABORTIVUM (L.) SWARTZ						R					X	
P		Lobaria pulmonaria						V			X			
B		Monticola solitarius						P						X
R		Natrix maura						C					X	
P		Orchis mascula						R					X	
P		Orchis provincialis						R						X
P		Orchis sambucina						R						X
P		Orchis tridentata						R					X	
I		Oulema magistrettiorum						P				X		
P		Pannaria rubiginosa						P			X			

P		Parmelia horrescens						P											X
A		Pelodytes punctatus						P										X	
I		Planorbis moquini						P											X
R	1256	Podarcis muralis						C	X										
I		Polyommatus hispanus						P											X
I		Pselaphostomus stussineri stussineri						C						X					
I		Quedius masoni						P											X
A	1209	Rana dalmatina						R	X										
A	1206	Rana italica						R	X										
I		Retinella olivetorum olivetorum						P						X					
P	1849	Ruscus aculeatus						P			X								
A		Salamandra salamandra						C										X	
P		Saxifraga cuneifolia						P											X
P		Scilla italica						P						X					
P		Seligeria recurvata						R					X						
P		Spiranthes spiralis						P										X	
P		Sticta limbata						P					X						
I		Striolata striolata						P						X					
I		Trogaster gestroi						R						X					
I		Tyrus mucronatus						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

[Back to top](#)

Habitat class	% Cover
N14	1.0
N08	26.0
N15	1.0
N18	2.0
N10	10.0
N09	1.0
N06	1.0
N22	1.0
N16	45.0
N23	1.0
N21	6.0
N17	5.0

Total Habitat Cover	100
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Other Site Characteristics

L'area delimitata da uno spartiacque è costituita da un ampio fondovalle percorso dal torrente Tuia e dai suoi affluenti, con versanti ripidi, fasce terrazzate e zone umide di rilevanza geomorfologica. Sono presenti terreni riconducibili alla formazione del M. Antola. L' area risulta vincolata con L.n° 1497/1939 ante L. n° 431/1985 e parzialmente con D.D.M.M. 24/4/1985.

4.2 Quality and importance

Il sito comprende formazioni boschive, corsi d'acqua e lembi di prateria in buon stato di conservazione. Di notevole interesse sono le popolazioni di anfibi. Sono segnalate diverse briofite in via di rarefazione a livello nazionale ed alcune specie protette da direttive/convenzioni internazionali. Ospita una popolazione di *Pelodytes punctatus*, specie dell'allegato II della direttiva 92/43 CEE, in Italia estremamente rara e minacciata, al limite dell'areale: per questi motivi è stato proposto dalla Regione Liguria che *P. punctatus* (limitatamente alle popolazioni italiane) sia da includere fra le specie considerate prioritarie dalla suddetta direttiva.

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	K04.02		-
M	J02.06.01		-
H	K02.01		-
H	J03.01		-
H	A03.03		-
M	J02.03.02		-
M	I02		-
M	E01.02		-
H	F03.01.01		-
M	I01		-
M	H05.01		-
H	A06.04		-
M	L05		-

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

- AA.VV. - 1994 - Appennino Ligure Emiliano. Guide geologiche regionali, 6: 381. - - AA.VV. - 1971 - Carta geologica d'Italia 1:100.000 Foglio 83-94 Rapallo-Chiavari. Servizio Geologico d'Italia.- Marini M. - 1981 - Analisi geologico-strutturale ed interpretazione paleogeografica e tettonogenetica dei Calcari del M.Antola (Appennino ligure). Ofioliti, 6: 119-150.- 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:

[Back to top](#)

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT11	100.0	IT13			

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:

[Back to top](#)

Organisation:	ENTE PARCO DI PORTOFINO
Address:	Viale Rainusso, 1 - 16038 S. MARGHERITA LIGURE (GE)
Email:	info@parcoportofino.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).

F. 528 / II 1:25.000 Gauss-Boaga