



# 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 IT1330925  
SITENAME Rio Pentemina

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## 1. SITE IDENTIFICATION

<b>1.1 Type</b> B	<b>1.2 Site code</b> IT1330925	<a href="#">Back to top</a>
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### 1.3 Site name

Rio Pentemina

<b>1.4 First Compilation date</b> 1995-06	<b>1.5 Update date</b> 2020-12
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### 1.6 Respondent:

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

### 1.7 Site indication and designation / classification dates

<b>Date site classified as SPA:</b>	0000-00
<b>National legal reference of SPA designation</b>	No data
<b>Date site proposed as SCI:</b>	1995-06
<b>Date site confirmed as SCI:</b>	No data
<b>Date site designated as SAC:</b>	2016-10
<b>National legal reference of SAC designation:</b>	DM 13/10/2016 - G.U. 253 del 28-10-2016

## 2. SITE LOCATION

### 2.1 Site-centre location [decimal degrees]:

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<b>Longitude</b> 9.102	<b>Latitude</b> 44.534
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**2.2 Area [ha]:**

**2.3 Marine area [%]**

## 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)

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
4030 <b>f</b>			0.001		M	C	C	B	C
6210 <b>f</b>			2.465		M	C	C	C	C
91E0 <b>f</b>			14.92		M	C	C	B	B
9260 <b>f</b>			228.326		M	B	C	B	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.
I	1092	<a href="#">Austropotamobius pallipes</a>			p				C	DD	C	B	C	B
F	1138	<a href="#">Barbus meridionalis</a>			p				P	DD	D			
F	1137	<a href="#">Barbus plebejus</a>			p				P	DD	D			
M	1352	<a href="#">Canis lupus</a>			p				P	DD	C	B	C	B
B	A365	<a href="#">Carduelis spinus</a>			c				P	DD	D			
B	A335	<a href="#">Certhia brachydactyla</a>			p				P	DD	D			
B	A264	<a href="#">Cinclus cinclus</a>			p				P	DD	D			
B	A212	<a href="#">Cuculus canorus</a>			r				P	DD	D			
B	A377	<a href="#">Emberiza cirius</a>			p				P	DD	D			
B	A269	<a href="#">Erithacus rubecula</a>			r				P	DD	D			

I	6199	<a href="#">Euplagia quadripunctaria</a>			p				C	DD	C	C	C	C
B	A359	<a href="#">Fringilla coelebs</a>			c				P	DD	D			
B	A342	<a href="#">Garrulus glandarius</a>			c				P	DD	D			
B	A261	<a href="#">Motacilla cinerea</a>			p				P	DD	D			
B	A330	<a href="#">Parus major</a>			p				P	DD	D			
B	A315	<a href="#">Phylloscopus collybita</a>			c				P	DD	D			
B	A235	<a href="#">Picus viridis</a>			c				P	DD	D			
B	A372	<a href="#">Pyrrhula pyrrhula</a>			p				P	DD	D			
A	5367	<a href="#">Salamandrina perspicillata</a>			p				R	DD	C	B	C	C
B	A332	<a href="#">Sitta europaea</a>			p				P	DD	D			
A	6211	<a href="#">Speleomantes strinatii</a>			p				P	DD	C	B	C	C
B	A311	<a href="#">Sylvia atricapilla</a>			p				P	DD	D			
F	5331	<a href="#">Telestes muticellus</a>			p				P	DD	D			
B	A283	<a href="#">Turdus merula</a>			p				P	DD	D			
B	A285	<a href="#">Turdus philomelos</a>			r				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		<a href="#">Anemone trifolia brevidentata</a>						R				X		
A		<a href="#">Bufo bufo</a>						C					X	
P		<a href="#">Cephalanthera longifolia</a>						R					X	
B		<a href="#">Cyanistes caeruleus</a>						P						X
P		<a href="#">Digitalis grandiflora</a>						P						X
P		<a href="#">Epipactis helleborine</a>						P					X	
M		<a href="#">Hypsugo savii</a>						P						X
A		<a href="#">Ichthyosaura alpestris</a>						P						X
R		<a href="#">Lacerta bilineata</a>						C					X	
P		<a href="#">Lilium bulbiferum var. croceum</a>						R						X
P		<a href="#">Melampyrum italicum</a>						P				X		
M		<a href="#">Nyctalus leisleri</a>						P						X
P		<a href="#">Omphalodes verna</a>						R						X

P		<a href="#">Phyteuma scorzonerifolium</a>						P				X		
M		<a href="#">Pipistrellus nathusii</a>						P						X
R	1256	<a href="#">Podarcis muralis</a>						C	X					
B		<a href="#">Poecile palustris</a>						P						X
P		<a href="#">Pulmonaria apennina</a>						P				X		
P		<a href="#">Pulmonaria saccharata</a>						R				X		
A	1206	<a href="#">Rana italica</a>						P	X					
A		<a href="#">Salamandra salamandra</a>						C					X	
F		<a href="#">Squalius squalus</a>						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
N23	2.0
N06	2.0
N16	83.0
N08	2.0
N07	10.0
N10	1.0
<b>Total Habitat Cover</b>	<b>100</b>

### Other Site Characteristics

Area di fondovalle attraversata dal torrente Pentemina e da un suo affluente di sponda sinistra. Nell'area affiorano terreni riconducibili alla formazione dei calcari del M. Antola.

### 4.2 Quality and importance

Il sito è caratterizzato da una confluenza torrentizia incassata, fresca e scarsamente disturbata che favorisce la presenza di popolazioni ben conservate di anfibi e di gambero di fiume (*Austropotamobius pallipes*). Sono peraltro presenti specie ed habitat prioritari ai sensi della 92/43 CEE, alcune specie endemiche di rilievo e *Digirilis grandiflora*, specie rara di notevole interesse.

### 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	A04		-
M	A10.01		-
M	A05.01		-
M	I01		-
M	A03.03		-
M	J03		-

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

M	F02		-
M	J02.01		-
M	B02		-
M	A02		-
M	F03.02.03		-

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 tectogenetica 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:

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

#### 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:	ENTE PARCO DELL'ANTOLA
Address:	Villa Borzino - Via XXV Aprile, 17 - 16012 BUSALLA (GE)
Email:	busalla@parcoantola.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

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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. 426 / II F. 427 / III IV 1:25.000 Gauss-Boaga

