



**Comune di Cavaglià, località Gerbido (BI)**  
**Impianto per la produzione di energia elettrica e termica mediante**  
**combustione di rifiuti speciali non pericolosi**  
**PAUR ai sensi dell'art. 27-bis D.Lgs. 152/06 e s.m.i.**

## **All. I - Formulari Standard Siti Natura 2000**

Marzo 2024



Titolo progetto <i>Project title</i>	<b>Comune di Cavaglià, località Gerbido (BI) Impianto per la produzione di energia elettrica e termica mediante combustione di rifiuti speciali non pericolosi PAUR ai sensi dell'art. 27-bis D.Lgs. 152/06 e s.m.i.</b>
Titolo documento <i>Document title</i>	<b>All. I - Formulari Standard Siti Natura 2000</b>
Livello del documento <i>Document Level of Detail</i>	<b>Autorizzazione</b>
Codice documento A2A <i>A2A Document code</i>	<b>CAVA06-V02-F05-GN-10-000-A-E-002-R00</b>
Derivato da <i>Drawn by</i>	

<b>Progettazione</b>		Codice documento progettista <i>Designer Document code</i> -
	Il Progettista <i>Designer</i>  	

Rev	Liv	Scopo <i>Scope</i>	Data <i>Date</i>	Descrizione <i>Description</i>	Redatto <i>Edited</i>	Verificato <i>Revised</i>	Approvato <i>Approved</i>
00	AU	-	Marzo 2024	Revisione per richiesta chiarimenti/integrazioni, ai sensi D. Lgs. 152/06 ss.mm.ii. Art. 27 bis comma 5	L. Canalis	L. Canalis	S. Crosetto

<b>A2A Ambiente</b>	<b>A2A Ambiente S.p.A.</b>	
<b>Data</b> <i>Date</i>	<b>Verificato</b> <i>Revisited</i>	<b>Approvato</b> <i>Approved</i>
Marzo 2024	L. Gamba	M. Paravidino

<b>Cliente/Committente</b>		
<b>Data</b> <i>Date</i>	<b>Validato</b> <i>Validated</i>	
Marzo 2024	F. Roncari	



## INDICE

<b>FORMULARIO STANDARD DELLA ZPS IT1120005 "GARZAIA DI CARISIO" .....</b>	<b>7</b>
<b>FORMULARIO STANDARD ZSC IT1110020 "LAGO DI VIVERONE" .....</b>	<b>12</b>
<b>FORMULARIO STANDARD ZPS IT1120021 "RISAIE VERCELLESI" .....</b>	<b>18</b>
<b>FORMULARIO STANDARD ZSC IT1130004 "LAGO DI BERTIGNANO (VIVERONE) E STAGNO PRESSO LA STRADA PER ROPPOLO .....</b>	<b>22</b>



# FORMULARIO STANDARD DELLA ZPS IT1120005 "GARZAIA DI CARISIO"



## 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 IT1120005  
SITENAME Garzaia di Carisio

### TABLE OF CONTENTS

- [1. SITE IDENTIFICATION](#)
- [2. SITE LOCATION](#)
- [3. ECOLOGICAL INFORMATION](#)
- [4. SITE DESCRIPTION](#)
- [5. SITE PROTECTION STATUS](#)
- [6. SITE MANAGEMENT](#)
- [7. MAP OF THE SITE](#)

### 1. SITE IDENTIFICATION

<b>1.1 Type</b>	<b>1.2 Site code</b>	<a href="#">Back to top</a>
C	IT1120005	

#### 1.3 Site name

Garzaia di Carisio

<b>1.4 First Compilation date</b>	<b>1.5 Update date</b>
1995-09	2022-12

#### 1.6 Respondent:

**Name/Organisation:** Regione Piemonte - Direzione Ambiente, Governo e Tutela del territorio - Settore Biodiversità e Aree Naturali  
**Address:** Via Principe Amedeo, 17 - 10123 Torino  
**Email:** biodiversita@regione.piemonte.it

#### 1.7 Site indication and designation / classification dates

<b>Date site classified as SPA:</b>	2000-08
<b>National legal reference of SPA designation</b>	D.G.R. n.37-28804 del 29/11/1999
<b>Date site proposed as SCI:</b>	1995-09
<b>Date site confirmed as SCI:</b>	No data
<b>Date site designated as SAC:</b>	2017-02
<b>National legal reference of SAC designation:</b>	DM 03/02/2017 - G.U. 46 del 24-02-2017

### 2. SITE LOCATION

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

[Back to top](#)

**Longitude** 8.2003      **Latitude** 45.4225

**2.2 Area [ha]:**      **2.3 Marine area [%]**

103.0

0.0

## 2.4 Sitelength [km]:

0.0

## 2.5 Administrative region code and name

NUTS level 2 code	Region Name
ITC1	Piemonte

## 2.6 Biogeographical Region(s)

Continental (100.0  
%)

## 3. ECOLOGICAL INFORMATION

### 3.1 Habitat types present on the site and assessment for them

[Back to top](#)

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
3270B			2.06		M	B	C	B	B
6430B			0.1		P	D			
91E0B			5.67		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	A229	<a href="#">Alcedo atthis</a>			r				C	DD	C	B	C	C
B	A229	<a href="#">Alcedo atthis</a>			p				P	DD	C	B	C	C
B	A028	<a href="#">Ardea cinerea</a>			r	369	369	p		G	C	B	C	B
B	A024	<a href="#">Ardeola ralloides</a>			r	21	21	p		G	C	B	C	B
B	A025	<a href="#">Bubulcus ibis</a>			r	21	21	p		G	C	B	C	B
B	A082	<a href="#">Circus cyaneus</a>			w				R	DD	D			
B	A026	<a href="#">Egretta garzetta</a>			r	862	862	i		G	B	B	C	B
P	1898	<a href="#">Eleocharis camiolica</a>			p				V	DD	C	B	C	C
B	A338	<a href="#">Lanius collurio</a>			r				P	DD	B	B	C	B
B	A073	<a href="#">Milvus migrans</a>			r	1	1	p		G	C	B	C	B
B	A023	<a href="#">Nycticorax nycticorax</a>			r	580	580	i		G	B	B	C	B
A	1167	<a href="#">Triturus carnifex</a>			p				P	DD	C	B	C	B



- **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	
I		<a href="#">Apatura ilia</a>						P						X	
A	6962	<a href="#">Bufotes viridis Complex</a>						P	X						
R	5670	<a href="#">Hierophis viridiflavus</a>						P						X	
A	5358	<a href="#">Hyla intermedia</a>						P	X					X	
R	5179	<a href="#">Lacerta bilineata</a>						P	X						
A	6976	<a href="#">Pelophylax esculentus</a>						P		X					
A	6976	<a href="#">Pelophylax esculentus</a>						P		X					
R	1256	<a href="#">Podarcis muralis</a>						P	X						
I	6182	<a href="#">Sympecma paedisca</a>						P						X	
I		<a href="#">Sympetrum depressiusculum</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

[Back to top](#)

Habitat class	% Cover
N16	31.0
N23	9.0
N06	10.0
N10	6.0
N13	30.0
N20	12.0
N15	2.0
Total Habitat Cover	100

Other Site Characteristics

Boschi di robinia e di latifoglie autoctone di recente impianto circondati da risaie l'area è inoltre attraversata da nord a sud dal torrente Elvo che crea ambienti fluviali interessanti. Sono presenti tracce di sabbie aurifere in prossimità del torrente.

#### 4.2 Quality and importance

Importante garzaia insediata su bosco ceduo prevalentemente a robinia.

#### 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	F03.01		o
L	G02.09		i
L	D01.04		o
L	C01.01.01		o
L	A11		b
H	H04.03	T	o
H	K02.01		i
L	J02.03.02		b
L	D01.02		o
L	D02.01.01		b
M	H01.05		b
L	I01		b

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside /outside [i o b]
L	B02.05		i
L	A01		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)

Type	[%]	
Public	National/Federal	0
	State/Province	0
	Local/Municipal	0
	Any Public	19
Joint or Co-Ownership	0	
Private	67	
Unknown	14	
sum	100	

#### 4.5 Documentation

Barbieri F., Fasola M., 1984 - Incremento della popolazione nidificante di Aironocinerino (Ardea cinerea) in Italia. Avocetta; Barbieri F., Fasola M., Prigioni C., Bogliani G., 1979 - Le garzaie dell'Italia nord-occidentale, 1978. Avocetta; Boano G., 1976 - Gli Ardeidi nidificanti nelle garzaie piemontesi. Gli Uccelli d'Italia, 1: 129-131; Boano G., 1978 - Le garzaie del Piemonte. Osservazioni sulla biologia ed ecologia degli Ardeidi gregari. Tesi di Laurea in Scienze Naturali. (inedita); Camanni S. Tallone G. ? Alcuni aspetti del comportamento riproduttivo di ardeidi coloniali ? Laboratorio di etologia Università di Torino; Capra F., Galletti R., 1978 - Odonati di Piemonte e Valle d'Aosta. Ann. Mus. Civico St. Nat. G. Doria, Vol. LXXXII. Genova; Fasola M., Barbieri F., Prigioni C., Bogliani G., 1981 - Le Garzaie in Italia, 1981. Avocetta; GPSO, 1982/1995 - Resoconto ornitologico per la Regione Piemonte - Valle d'Aosta. Riv. Piem. St. Nat. N° 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 14, 15; Mingozzi T., Boano G., Pulcher C. ecollab., 1988 - Atlante degli uccelli nidificanti in Piemonte e Val d'Aosta 1980? 1984. Mus. Reg. Scienze Nat. (Monografie VIII) Torino; Regione Piemonte. Servizio Parchi Naturali, 1990 - Speciale Garzaia di Carisio. Piemonte Parchi, n.4 (V): 14-19

## 5. SITE PROTECTION STATUS (optional)

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

[Back to top](#)

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT95	5.0	IT05	100.0		

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

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IT05	Riserva Naturale della Garzaia di Carisio	=	100.0
IT95	Azienda agriturismo-Venatoria Il Germano reale	/	30.0
IT95	Azienda Agriturismo-Venatoria	/	18.0
IT95	Azienda Agriturismo-Venatoria La Mandria di Santhia	*	5.0

### 5.3 Site designation (optional)

## 6. SITE MANAGEMENT

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

[Back to top](#)

Organisation:	Ente di gestione delle Aree protette del Ticino e del Lago Maggiore
Address:	Villa Picchetta - 28062 Cameri NO
Email:	info@parcoticinolagomaggiore.it

### 6.2 Management Plan(s):

An actual management plan does exist:

<input checked="" type="checkbox"/>	Yes	Name: IT1120005 "Garzaia di Carisio" - Piano di gestione Link: <a href="http://www.regione.piemonte.it/parchi/cms/dati-territoriali-new/aree-protette-e-m2000/planificazione-e-norme.html">http://www.regione.piemonte.it/parchi/cms/dati-territoriali-new/aree-protette-e-m2000/planificazione-e-norme.html</a>
<input type="checkbox"/>	No, but in preparation	
<input type="checkbox"/>	No	

### 6.3 Conservation measures (optional)

- Misure di conservazione per la tutela della Rete Natura 2000 del Piemonte - approvate con D.G.R. n. 54-7409 del 7/4/2014, e successive modifiche- Misure di conservazione sito-specifiche approvate con D.G.R. n. 21-3222 del 2/5/2016- Approvazione Piano di gestione con la DGR n. 55-6054 del 1/12/2017 - L.r. 19/2009 "Testo unico sulla tutela delle aree naturali e della biodiversità". Artt. 40 e 42 Misure di Conservazione per la tutela dei siti della Rete Natura 2000 del Piemonte. Approvazione Piani di Gestione dei Siti Natura 2000 IT1120005 "Garzaia di Carisio", IT1120014 "Garzaia del Rio Druma", IT1150007 "Baraggia di Pian del Rosa" e IT1150008 "Baraggia di Bellinzago".

## 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).

115 1:10000 Gauss-Boaga --- CTR Piemonte 1:10.000 (Fuso 32 - sistema di riferimento UTM WGS84) - Sezione 115150

# FORMULARIO STANDARD ZSC IT1110020 "LAGO DI VIVERONE"



## 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 IT1110020  
SITENAME Lago di Viverone

### TABLE OF CONTENTS

- [1. SITE IDENTIFICATION](#)
- [2. SITE LOCATION](#)
- [3. ECOLOGICAL INFORMATION](#)
- [4. SITE DESCRIPTION](#)
- [5. SITE PROTECTION STATUS](#)
- [6. SITE MANAGEMENT](#)
- [7. MAP OF THE SITE](#)

### 1. SITE IDENTIFICATION

<b>1.1 Type</b>	<b>1.2 Site code</b>	<a href="#">Back to top</a>
C	IT1110020	

#### 1.3 Site name

Lago di Viverone

<b>1.4 First Compilation date</b>	<b>1.5 Update date</b>
1995-09	2019-12

#### 1.6 Respondent:

**Name/Organisation:** Regione Piemonte - Direzione Ambiente, Governo e Tutela del territorio - Settore Biodiversità e Aree Naturali  
**Address:** Via Principe Amedeo, 17 - 10123 Torino  
**Email:** biodiversita@regione.piemonte.it

#### 1.7 Site indication and designation / classification dates

<b>Date site classified as SPA:</b>	2000-08
<b>National legal reference of SPA designation</b>	D.G.R. n.37-28804 del 29/11/1999
<b>Date site proposed as SCI:</b>	1995-09
<b>Date site confirmed as SCI:</b>	No data
<b>Date site designated as SAC:</b>	2017-11
<b>National legal reference of SAC designation:</b>	DM 21/11/2017 - G.U. 283 del 04-12-2017

### 2. SITE LOCATION

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

[Back to top](#)

**Longitude** 8.0311      **Latitude** 45.4178

**2.2 Area [ha]:** 926.0      **2.3 Marine area [%]:** 0.0

**2.4 Sitelength [km]:**  
0.0

#### 2.5 Administrative region code and name

<b>NUTS level 2 code</b>	<b>Region Name</b>

ITC1 | Piemonte

## 2.6 Biogeographical Region(s)

Continental (100.0 %)

## 3. ECOLOGICAL INFORMATION

### 3.1 Habitat types present on the site and assessment for them

[Back to top](#)

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			0.93		M	B	C	C	B
3150			185.2		M	B	C	B	B
3260			0.93		M	B	C	C	B
6410			9.26		M	B	C	B	B
6430			9.26		M	B	C	B	B
6510			2.4		G	C	C	C	C
7210			0.93		M	B	C	B	B
9160			12.04		M	B	C	B	C
91E0			27.78		M	B	C	B	C
91F0			30.0		G	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.
B	A298	<a href="#">Acrocephalus arundinaceus</a>			r				P	DD	C	C	C	B
B	A293	<a href="#">Acrocephalus melanopogon</a>			c				P	DD	D			
B	A296	<a href="#">Acrocephalus palustris</a>			r				P	DD	C	C	C	B
B	A297	<a href="#">Acrocephalus scirpaceus</a>			r				P	DD	C	C	C	B
B	A229	<a href="#">Alcedo atthis</a>			p				P	DD	C	C	C	B
B	A229	<a href="#">Alcedo atthis</a>			r				C	DD	C	C	C	B
B	A054	<a href="#">Anas acuta</a>			w	2	2	i		G	C	C	C	B
B	A056	<a href="#">Anas clypeata</a>			w	10	10	i		G	C	C	C	B
B	A052	<a href="#">Anas crecca</a>			w	20	20	i		G	C	C	C	B
B	A053	<a href="#">Anas platyrhynchos</a>			w	1000	3000	i		G	B	C	C	B
B	A055	<a href="#">Anas querquedula</a>			c				P	DD	D			
B	A051	<a href="#">Anas strepera</a>			c				P	DD	D			
B	A039	<a href="#">Anser fabalis</a>			w	10	10	i		G	C	C	C	B
B	A029	<a href="#">Ardea purpurea</a>			r	2	2	p		G	C	C	B	C
B	A059	<a href="#">Aythya ferina</a>			w	2	200	i		G	C	C	C	B
B	A061	<a href="#">Aythya fuligula</a>			w	2	100	i		G	C	C	C	B
B	A062	<a href="#">Aythya marila</a>			w				P	DD	C	C	C	B
B	A060	<a href="#">Aythya nyroca</a>			c	5	5	i		G	D			
M	1308	<a href="#">Barbastella barbastellus</a>			c				P	DD	D			
B	A021	<a href="#">Botaurus stellaris</a>			w	1	7	i		G	B	C	C	B
B	A081	<a href="#">Circus aeruginosus</a>			c				P	DD	C	C	C	B
B	A081	<a href="#">Circus aeruginosus</a>			w	1	1	i		G	C	C	C	B
B	A125	<a href="#">Fulica atra</a>			w	600	1000	i		G	C	C	C	B
B	A002	<a href="#">Gavia arctica</a>			w	1	1	i		G	C	C	C	B
B	A001	<a href="#">Gavia stellata</a>			w	2	2	i		G	C	C	C	B

B	A022	<a href="#">Ixobrychus minutus</a>			r					C	DD	C	C	C	B
B	A338	<a href="#">Lanius collurio</a>			r					C	DD	C	C	C	C
I	1060	<a href="#">Lycaena dispar</a>			p					P	DD	C	B	C	B
B	A068	<a href="#">Mergus albellus</a>			w	13	13	i		G	D				
B	A073	<a href="#">Milvus migrans</a>			r	1	1	p		G	C	C	C	C	B
M	1307	<a href="#">Myotis blythii</a>			c					P	DD	D			
M	1321	<a href="#">Myotis emarginatus</a>			c					P	DD	D			
M	1324	<a href="#">Myotis myotis</a>			c					P	DD	D			
B	A023	<a href="#">Nycticorax nycticorax</a>			c					P	DD	C	C	C	C
B	A094	<a href="#">Pandion haliaetus</a>			c					P	DD	C	C	C	B
B	A072	<a href="#">Pernis apivorus</a>			c					P	DD	C	C	C	C
B	A007	<a href="#">Podiceps auritus</a>			w	2	2	i		G	C	C	C	C	B
B	A005	<a href="#">Podiceps cristatus</a>			w	66	125	i		G	C	C	C	C	B
B	A005	<a href="#">Podiceps cristatus</a>			r	15	30	i		G	C	C	C	C	B
B	A006	<a href="#">Podiceps grisegena</a>			w	6	6	i		G	C	C	C	C	B
B	A008	<a href="#">Podiceps nigricollis</a>			c					P	DD	C	C	C	B
B	A008	<a href="#">Podiceps nigricollis</a>			w	1	10	i		G	C	C	C	C	B
B	A118	<a href="#">Rallus aquaticus</a>			r					P	DD	C	C	C	B
A	1215	<a href="#">Rana latastei</a>			p					P	DD	B	B	A	B
B	A193	<a href="#">Sterna hirundo</a>			c					P	DD	C	C	C	C
A	1167	<a href="#">Triturus carnifex</a>			p					P	DD	C	A	C	B
I	1016	<a href="#">Vertigo moulinsiana</a>			p					P	DD	C	B	C	B

- **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="#">Calamagrostis canescens (Weber) Roth</a>						P						X
P		<a href="#">Carex appropinquata</a>						P						X
P		<a href="#">Carex elata</a>						P						X
P		<a href="#">Carex lasiocarpa Ehrh.</a>						P						X
M	2591	<a href="#">Crocidura leucodon</a>						P					X	
M	2593	<a href="#">Crocidura suaveolens</a>						P					X	
P		<a href="#">Drosera rotundifolia L.</a>						P						X
R	1281	<a href="#">Elaphe longissima</a>						P	X					
M	1327	<a href="#">Eptesicus serotinus</a>						P	X					
R	5670	<a href="#">Hierophis viridiflavus</a>						P	X					
P		<a href="#">Hottonia palustris L.</a>						P			X			
A	5358	<a href="#">Hyla intermedia</a>						P	X				X	
M	5365	<a href="#">Hypsugo savii</a>						P	X					
R	5179	<a href="#">Lacerta bilineata</a>						P	X					
P		<a href="#">Ludwigia palustris</a>						P						X
M	2630	<a href="#">Martes foina</a>						P					X	
M	5718	<a href="#">Micromys minutus</a>						P			X			
M	1314	<a href="#">Myotis daubentonii</a>						P	X					
M	1322	<a href="#">Myotis nattereri</a>						P	X					
R	1292	<a href="#">Natrix tessellata</a>						P	X					
M	2016	<a href="#">Pipistrellus kuhlii</a>						P	X					
M	1317	<a href="#">Pipistrellus nathusii</a>						P	X					
M	1309	<a href="#">Pipistrellus pipistrellus</a>						P	X					

R	1256	<a href="#">Podarcis muralis</a>						P	X				
P		<a href="#">Potentilla palustris (L.) Scop.</a>						P		X			
A	1209	<a href="#">Rana dalmatina</a>						P	X				
A	1207	<a href="#">Rana lessonae</a>						P	X				
P		<a href="#">Ranunculus lingua</a>						P					X
P	1849	<a href="#">Ruscus aculeatus</a>						P		X			
P		<a href="#">Salvinia natans (L.) All.</a>						P		X			
M	2607	<a href="#">Sciurus vulgaris</a>						P					X
M	2599	<a href="#">Sorex araneus</a>						P					X
M	2601	<a href="#">Sorex minutus</a>						P					X
I	6182	<a href="#">Sympecma paedisca</a>						P	X				
I	6182	<a href="#">Sympecma paedisca</a>						P					X
M	1333	<a href="#">Tadarida teniotis</a>						P	X				
P		<a href="#">Trapa natans L.</a>						P			X		
I	1033	<a href="#">Unio elongatulus</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

[Back to top](#)

Habitat class	% Cover
N20	5.38
N10	0.66
N06	64.79
N23	0.98
N12	9.26
N07	3.76
N16	14.94
N21	0.23
<b>Total Habitat Cover</b>	<b>100</b>

##### Other Site Characteristics

Lago glaciale, che occupa la porzione centrale dell'anfiteatro morenico di Ivrea, con ampie zone a canneto. Sponde orientali fortemente antropizzate con stabilimenti balneari e altri insediamenti.

##### 4.2 Quality and importance

Tra le specie vegetali acquatiche sono presenti (unica stazione piemontese) Cili lago di Viverone è il terzo lago piemontese per estensione mentre è il più grande dei bacini lacustri intermorenici. Si tratta di una delle aree di maggior importanza per l'avifauna in cui sono riscontrabili ancora habitat tipici delle zone umide e di strati e sse. allitriche palustris e Carex appropinquata; si segnala l'unico ontaneto inondato del Piemonte con farnia frassino. Ricca fauna ornitica (uno dei più importanti siti del Piemonte per lo svernamento degli anatidi), interessanti i popolamenti di lepidotteri e la malacofauna acquatica.

##### 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]
H	H01		b
M	H05.01		b
H	G01.01		i
H	K03.05		b
M	E01		b
M	E03.03		i
M	A07		b
M	A02		i
H	I01		b
L	B02		i
M	A08		b
M	E03.04		i
M	F02.03		i
L	K04.01		i
L	G05		i
H	J02.06		i

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

M	K01.02		i
---	--------	--	---

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)

Type	[%]
Public	
National/Federal	0
State/Province	0
Local/Municipal	0
Any Public	72
Joint or Co-Ownership	0
Private	28
Unknown	0
sum	100

#### 4.5 Documentation

Alessandria G., Boano G., Della Toffola M., Fasano S., Pulcher C., Toffoli R., 2004 - Resoconto ornitologico per la Regione Piemonte ? Valle d'Aosta. Anno 2002. - Riv. Piem. St. Nat., 25: 391-430. //Baccetti N. et al., 2002 ? Risultati dei censimenti degli uccelli acquatici svernanti in Italia: distribuzione, stime trend delle popolazioni nel 1991-2000. Biol. Cons. Fauna, 11: 1-240. //Capra F., Galletti R., 1978 - Odonati di Piemonte e Valle d'Aosta. Ann. Mus. Civico St. Nat. G. Doria, Genova. //Casale a., Giachino P.M., 1994 - Coleotteri Carabidi di ambienti lacustri e lacustro-torbosi dell'anfiteatro morenico di Ivrea. Quaderni Staz. Ecol. civ. Mus. St. nat. Ferrara, 6: pp. 225-274. //Cattaneo G., Biddau L., 2002 ? Ornitologia canavesana. GS Editrice. //CNR - Indagine sulla qualità delle acque lacustri italiane. Quaderni di Ric. sulle Acque A/Q 43. //Cucco M., Levi L., Maffei G., Pulcher C., 1996 ? Atlante degli uccelli di Piemonte e Valle d'Aosta in inverno (1986-1992). Museo Regionale Scienze Naturali, Monografie XIX: 1-395. //Desfayes M., 1993 - Flore des lacs et étangs de l'amphithéâtre morainique d'Ivrée et de quelques autres zones humides du canavais. Rev. Valdôtaine Hist. Nat., 47: 75-82. //GPSO 1982-2002. Resoconto ornitologico per la Regione Piemonte - Valle d'Aosta. Riv. Piem. St. Nat. N° 3-23. //Manfredo I., 1990 ? Uccelli nidificanti, di passo e svernanti al Lago di Viverone. In: L'Anfiteatro morenico di Ivrea. Atti V Convegno sul Canavese, Tipografia Bolognino, Ivrea: 174-195. //Mingozzi T., Boano G., Pulcher C. e collab., 1988 - Atlante degli uccelli nidificanti in Piemonte e Val d'Aosta 1980 ? 1984. Mus. Reg. Scienze Nat. (Monografie VIII) Torino. //Raviglione M. e Boggio F., 2001 ? Le farfalle del Biellese. Collana Ambiente. Assessorato alla Tutela Ambientale - Provincia di Biella. //Raviglione M.C., 1985 - Lepidotteri Ropaloceri del Biellese (Piemonte). Boll. Mus. Ent. Ital., 117: 34-38, Genova. //Soldano A., Sella A., 2000 ? Floraspontanea della Provincia di Biella. Dell'Orso. //

## 5. SITE PROTECTION STATUS (optional)

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

[Back to top](#)

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT95	32.0	IT35	100.0	IT13	1.0
IT07	63.0				

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

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IT07	Viverone	*	63.0
IT13	Vincolo idrogeologico	*	1.0
IT95	Azienda Faunistico-Venatoria della Serra	*	32.0
IT35	Galassini & 1497/39	-	100.0

### 5.3 Site designation (optional)

## 6. SITE MANAGEMENT

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

[Back to top](#)

### 6.2 Management Plan(s):

An actual management plan does exist:

<input checked="" type="checkbox"/>	Yes	Name: Piano di gestione del Sito della Rete Natura 2000 IT1110020 "Lago di Viverone" Link: <a href="http://www.regione.piemonte.it/parchi/cms/dati-territoriali-new/aree-protette-e-rn2000/pianificazione-e-norme.html">http://www.regione.piemonte.it/parchi/cms/dati-territoriali-new/aree-protette-e-rn2000/pianificazione-e-norme.html</a>
<input type="checkbox"/>	No, but in preparation	
<input type="checkbox"/>	No	

### 6.3 Conservation measures (optional)

Misure di conservazione per la tutela della Rete Natura 2000 del Piemonte - approvate con D.G.R. n. 54-7409 del 7/4/2014, e successive modifiche - Misure di conservazione sito-specifiche approvate con D.G.R. n. 21-4635 del 06/02/2017 - Piano di gestione del Sito approvato con D.G.R. n. 53-7314 del 30-07-2018

## 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).

115, 136 1:10000 Gauss-Boaga --- CTR Piemonte 1:10.000 (Fuso 32 – sistema di riferimento UTM WGS84) – Sezioni: 115130, 136010

# FORMULARIO STANDARD ZPS IT1120021 "RISAIE VERCELLESI"



## 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 IT1120021  
SITENAME Risaie vercellesi

### TABLE OF CONTENTS

- [1. SITE IDENTIFICATION](#)
- [2. SITE LOCATION](#)
- [3. ECOLOGICAL INFORMATION](#)
- [4. SITE DESCRIPTION](#)
- [5. SITE PROTECTION STATUS](#)
- [6. SITE MANAGEMENT](#)
- [7. MAP OF THE SITE](#)

### 1. SITE IDENTIFICATION

<b>1.1 Type</b> A	<b>1.2 Site code</b> IT1120021	<a href="#">Back to top</a>
----------------------	-----------------------------------	-----------------------------

#### 1.3 Site name

Risaie vercellesi

<b>1.4 First Compilation date</b> 2006-07	<b>1.5 Update date</b> 2019-12
--	-----------------------------------

#### 1.6 Respondent:

**Name/Organisation:** Regione Piemonte - Direzione Ambiente, Governo e Tutela del territorio - Settore Biodiversità e Aree Naturali  
**Address:** Via Principe Amedeo, 17 - 10123 Torino  
**Email:** biodiversita@regione.piemonte.it

#### 1.7 Site indication and designation / classification dates

<b>Date site classified as SPA:</b>	2006-10
<b>National legal reference of SPA designation</b>	D.G.R. n.76-2950 del 22/05/2006

### 2. SITE LOCATION

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

[Back to top](#)

<b>Longitude</b> 8.2328	<b>Latitude</b> 45.2975
----------------------------	----------------------------

<b>2.2 Area [ha]:</b> 2241.0	<b>2.3 Marine area [%]:</b> 0.0
---------------------------------	------------------------------------

#### 2.4 Sitelength [km]:

0.0

#### 2.5 Administrative region code and name

<b>NUTS level 2 code</b> ITC1	<b>Region Name</b> Piemonte
----------------------------------	--------------------------------

#### 2.6 Biogeographical Region(s)

Continental <sup>(100.0</sup>  
%)

### 3. ECOLOGICAL INFORMATION

### 3.1 Habitat types present on the site and assessment for them

[Back to top](#)

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			4.0		G	B	C	B	B
3260B			10.0		G	A	C	B	A
6430B			8.5		G	B	C	B	B
9160B			3.75		G	C	C	C	C
91E0B			7.0		G	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.
B	A229	<a href="#">Alcedo atthis</a>			r	6	10	i		G	C	B	C	B
B	A029	<a href="#">Ardea purpurea</a>			c	10	20	i		M	C	C	B	B
B	A024	<a href="#">Ardeola ralloides</a>			c				P	DD	D			
B	A021	<a href="#">Botaurus stellaris</a>			r	4	4	i		G	B	B	C	B
B	A196	<a href="#">Chlidonias hybridus</a>			c				P	DD	D			
B	A197	<a href="#">Chlidonias niger</a>			r	50	100	i		G	A	B	C	B
B	A081	<a href="#">Circus aeruginosus</a>			r	2	2	i		G	C	B	C	B
B	A082	<a href="#">Circus cyaneus</a>			w	1	3	i		G	D			
F	5304	<a href="#">Cobitis bilineata</a>			p				P	DD	C	B	C	B
B	A027	<a href="#">Egretta alba</a>			w	80	100	i		G	C	B	C	B
B	A026	<a href="#">Egretta garzetta</a>			w	100	150	i		G	C	B	C	B
B	A026	<a href="#">Egretta garzetta</a>			c				P	DD	C	B	C	B
B	A103	<a href="#">Falco peregrinus</a>			w	1	5	i		G	D			
B	A131	<a href="#">Himantopus himantopus</a>			r	320	320	i		G	B	B	C	B
B	A022	<a href="#">Ixobrychus minutus</a>			r	2	2	p		G	C	B	C	B
B	A338	<a href="#">Lanius collurio</a>			r	3	3	p		G	C	B	C	B
I	1060	<a href="#">Lycaena dispar</a>			p				P	DD	D			
B	A023	<a href="#">Nycticorax nycticorax</a>			c				P	DD	D			
I	1037	<a href="#">Ophiogomphus cecilia</a>			p	50	100	i		M	C	C	A	C
B	A151	<a href="#">Philomachus pugnax</a>			c	6500	6500	i		G	D			
A	1167	<a href="#">Triturus carnifex</a>			p				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
B	A053	<a href="#">Anas platyrhynchos</a>			50	300	i	C						X	
B	A028	<a href="#">Ardea cinerea</a>			100	300	i	C				X		X	
A	1201	<a href="#">Bufo viridis</a>						P		X					

R	1284	<a href="#">Coluber viridiflavus</a>					P					X	
B	A207	<a href="#">Columba oenas</a>		10	30	i	R					X	
B	A123	<a href="#">Gallinula Chloropus</a>		50	100	i	C					X	
A	5358	<a href="#">Hyla intermedia</a>					P	X				X	
R	5179	<a href="#">Lacerta bilineata</a>					P					X	
M	1358	<a href="#">Mustela putorius</a>					P		X				
R	2469	<a href="#">Natrix natrix</a>					P					X	
B	A158	<a href="#">Numenius phaeopus</a>		10	50	i	R			X		X	
B	A115	<a href="#">Phasianus colchicus</a>		5	10	p	C					X	
R	1256	<a href="#">Podarcis muralis</a>					P	X					
A	1207	<a href="#">Rana lessonae</a>					P	X					
I		<a href="#">Sympetrum depressiusculum</a>		1	5	i	V						X
B	A161	<a href="#">Tringa erythropus</a>		50	200	i	C					X	
B	A164	<a href="#">Tringa nebularia</a>		50	200	i	C					X	
B	A165	<a href="#">Tringa ochropus</a>		10	30	i	C					X	
B	A162	<a href="#">Tringa totanus</a>		5	20	i	C					X	
B	A285	<a href="#">Turdus philomelos</a>		5	20	i	C					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
N16	1.0
N23	1.0
N06	1.0
N13	97.0
<b>Total Habitat Cover</b>	<b>100</b>

#### Other Site Characteristics

Area sostanzialmente tutta a coltura intensiva di riso, con marginali porzioni di terreno ad incolto e residuali superfici costituite da fontanili alberati e dacanneti. Sono presenti formazioni a dominanza di elofite riferibili a Magnocaricion a Phragmites australis, Phalaris arundinacea, Carex spp, Cyperus spp, Juncus spp, per un'estensione complessiva di quasi 15 ha

### 4.2 Quality and importance

Sito importante a livello regionale e nazionale sia per la sosta durante l'immigrazione primaverile di molti limicoli (e come sito riproduttivo per alcuni di essi), sia per la valenza trofica che ha per molte specie di ardeidi nidificanti nell'area o nelle immediate vicinanze.

### 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	H01		b
M	H02		b
M	A06.01.01		b
M	H05		b
M	F03.01		b
H	A02.02		b

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)

Type	[%]	
Public	National/Federal	0
	State/Province	0
	Local/Municipal	0
	Any Public	0
Joint or Co-Ownership	0	

Private	100
Unknown	0
sum	100

#### 4.5 Documentation

Carpegna et al., 2003 - Nota sullo svernamento del Falco di palude nelle risaievercellesi. Avocetta.//Della Toffola et al., 1999 - Dinamica della popolazione di Pittima reale in Piemonte. Avocetta.// Provincia di Vercelli, 2003/2008 - Pianofaunistico venatorio. Assessorato alla caccia e alla pesca.//Soldano M., 2005 - Biodiversità. Indagine naturalistica sugli aspetti rilevanti nella provincia di Vercelli. Provincia di Vercelli.

## 5. SITE PROTECTION STATUS (optional)

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

[Back to top](#)

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT07	11.0	IT33	12.0		

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

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IT07	Tronzano vercellese	*	11.0
IT33	Delle Grange	*	12.0

### 5.3 Site designation (optional)

## 6. SITE MANAGEMENT

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

[Back to top](#)

Organisation:	Ente di Gestione delle aree protette del Po vercellese alessandrino
Address:	Piazza Giovanni XXIII, 61 - 15048 Valenza AL
Email:	uffici.amministrativi@parcodelpo-vc.al.it

### 6.2 Management Plan(s):

An actual management plan does exist:

Yes  
 No, but in preparation  
 No

### 6.3 Conservation measures (optional)

- Misure di conservazione per la tutela della Rete Natura 2000 del Piemonte - approvate con D.G.R. n. 54-7409 del 7/4/2014, e successive modifiche

## 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).

136 1:10000 Gauß-Boaga (Transver --- CTR Piemonte 1:10.000 (Fuso 32 – sistema di riferimento UTM WGS84) – Sezioni: 136070, 136080, 136100, 136110, 136120

# FORMULARIO STANDARD ZSC IT1130004 "LAGO DI BERTIGNANO (VIVERONE) E STAGNO PRESSO LA STRADA PER ROPPOLO



## 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 IT1130004  
SITENAME Lago di Bertignano (Viverone) e stagno presso la strada per Roppolo

### TABLE OF CONTENTS

- [1. SITE IDENTIFICATION](#)
- [2. SITE LOCATION](#)
- [3. ECOLOGICAL INFORMATION](#)
- [4. SITE DESCRIPTION](#)
- [5. SITE PROTECTION STATUS](#)
- [6. SITE MANAGEMENT](#)
- [7. MAP OF THE SITE](#)

### 1. SITE IDENTIFICATION

<b>1.1 Type</b>	<b>1.2 Site code</b> <a href="#">Back to top</a>
B	IT1130004

#### 1.3 Site name

Lago di Bertignano (Viverone) e stagno presso la strada per Roppolo

<b>1.4 First Compilation date</b>	<b>1.5 Update date</b>
1995-11	2022-12

#### 1.6 Respondent:

**Name/Organisation:** Regione Piemonte - Direzione Ambiente, Governo e Tutela del territorio - Settore Biodiversità e Aree Naturali  
**Address:** Via Principe Amedeo, 17 - 10123 Torino  
**Email:** biodiversita@regione.piemonte.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>	1995-09
<b>Date site confirmed as SCI:</b>	No data
<b>Date site designated as SAC:</b>	2017-11
<b>National legal reference of SAC designation:</b>	DM 21/11/2017 - G.U. 283 del 04-12-2017

### 2. SITE LOCATION

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

[Back to top](#)

**Longitude** 8.0642      **Latitude** 45.4312

**2.2 Area [ha]:**      **2.3 Marine area [%]**

160.0

0.0

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code	Region Name
ITC1	Piemonte

2.6 Biogeographical Region(s)

Continental (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
3130			0.04		M	C	C	C	B
3150			1.61		M	A	C	B	A
3270			0.01		P	D			
6510			1.28		M	C	C	B	C
7140			0.001		P	D			
9160			0.49		M	B	C	B	C
91E0			0.57		M	B	C	B	B
9260			4.16		P	D			

- **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	A053	<a href="#">Anas platyrhynchos</a>			p				C	DD	C	C	C	C
B	A208	<a href="#">Columba palumbus</a>			p				C	DD	C	C	C	C
B	A615	<a href="#">Corvus cornix</a>			r				C	DD	C	C	C	C
B	A347	<a href="#">Corvus monedula</a>			r				P	DD	D			
B	A236	<a href="#">Dryocopus martius</a>			r				P	DD	C	B	C	B
I	6199	<a href="#">Euplagia quadripunctaria</a>			p				P	DD	C	B	C	B

B	A125	<a href="#">Fulica atra</a>			w			P	DD	C	C	C	C
B	A123	<a href="#">Gallinula chloropus</a>			r			C	DD	C	C	C	C
B	A342	<a href="#">Gamulus glandarius</a>			r			C	DD	C	C	C	C
P	1428	<a href="#">Marsilea quadrifolia</a>			p			V	DD	C	C	C	C
B	A023	<a href="#">Nycticorax nycticorax</a>			c			P	DD	D			
I	1037	<a href="#">Ophiogomphus cecilia</a>			p			P	DD	B	B	B	B
A	1199	<a href="#">Pelobates fuscus insubricus</a>			p			R	DD	A	B	A	B
B	A072	<a href="#">Pernis apivorus</a>			c			P	DD	D			
B	A115	<a href="#">Phasianus colchicus</a>			r			C	DD	C	C	C	C
B	A343	<a href="#">Pica pica</a>			r			C	DD	C	C	C	C
M	1303	<a href="#">Rhinolophus hipposideros</a>			p			P	DD	C	B	C	B
B	A209	<a href="#">Streptopelia decaocto</a>			r			P	DD	D			
B	A210	<a href="#">Streptopelia turtur</a>			r			C	DD	C	C	C	C
B	A351	<a href="#">Sturnus vulgaris</a>			r			C	DD	C	C	C	C
F	5331	<a href="#">Telestes muticellus</a>			p			R	DD	D			
A	1167	<a href="#">Triturus carnifex</a>			p			R	DD	C	B	C	B
B	A283	<a href="#">Turdus merula</a>			r			C	DD	C	C	C	C
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
I		<a href="#">Anax parthenope</a>						P						X
P		<a href="#">Elatine alsinastrum L.</a>						V						X
M	1327	<a href="#">Eptesicus serotinus</a>						P	X					
R	5670	<a href="#">Hierophis viridiflavus</a>						P					X	
P		<a href="#">Hottonia palustris L.</a>						R			X			
A	5358	<a href="#">Hyla intermedia</a>						P	X				X	
M	5365	<a href="#">Hypsugo savii</a>						P	X					
R	5179	<a href="#">Lacerta bilineata</a>						P					X	
P	1725	<a href="#">Lindernia procumbens</a>						V	X					
P	1725	<a href="#">Lindernia procumbens</a>						C	X					
P		<a href="#">Ludwigia palustris (L.) Elliott</a>						R			X			
P		<a href="#">Menyanthes trifoliata L.</a>						R						X



M	1314	<a href="#">Myotis daubentonii</a>						P	X										
R	1292	<a href="#">Natrix tessellata</a>						P	X										
M	1331	<a href="#">Nyctalus leisleri</a>						P	X										
P		<a href="#">Nymphaea alba L.</a>						R			X								
P		<a href="#">Oenanthe aquatica</a>						P											X
A	6976	<a href="#">Pelophylax esculentus</a>						P			X								
M	2016	<a href="#">Pipistrellus kuhlii</a>						P	X										
M	1317	<a href="#">Pipistrellus nathusii</a>						P	X										
M	1309	<a href="#">Pipistrellus pipistrellus</a>						P	X										
M	1326	<a href="#">Plecotus auritus</a>						P	X										
R	1256	<a href="#">Podarcis muralis</a>						P	X										
A	1209	<a href="#">Rana dalmatina</a>						P	X										
P		<a href="#">Riccia fluitans</a>						P											X
P		<a href="#">Salvinia natans (L.) All.</a>						R				X							
P		<a href="#">Schoenoplectus supinus (L.) Palla</a>						V				X							
M	1333	<a href="#">Tadarida teniotis</a>						P	X										
P		<a href="#">Trapa natans L.</a>						P				X							
P		<a href="#">Trapa natans L.</a>						P				X							
A		<a href="#">Triturus vulgaris meridionalis</a>						P											X
P		<a href="#">Utricularia australis R. Br.</a>						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

[Back to top](#)

Habitat class	% Cover
N23	100.0
Total Habitat Cover	100

##### Other Site Characteristics

Probabilmente unica stazione piemontese di *Cicuta virosa*.

##### 4.2 Quality and importance

Due aree umide poste a breve distanza in zona collinare morenica. Malgrado la superficie limitata dei due specchi d'acqua, questi ospitano un notevole numero di specie igrofile, alcune delle quali decisamente rare e, comunque, in via di estinzione nella Pianura Padana.

##### 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				Positive Impacts			
Rank	Threats and pressures	Pollution (optional)	inside/outside	Rank	Activities, management	Pollution (optional)	inside/outside

	[code]	[code]	[i o b]
M	J02.07		o
H	I		i
L	K02.03		i
H	I01		i
M	A07		b
H	D02.01.01		i
H	F02.03		i
M	A01		i
L	H01		b
L	K01.02		i
M	I01		b
M	A09		b

	[code]	[code]	[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

Bordignon L., 1998 - Gli Uccelli del Biellese. Collana Ambiente. Assessorato alla Tutela Ambientale. Provincia di Biella. // Desfayes M., 1993 - Flore des lacs et étangs de l'amphithéâtre morainique d'Ivrée et de quelques autres zones humides du Canavais. Rev. Valdôtaine Hist. Nat., 47: 75-82. // Selvaggi A., Zuffi E., Villa E., 2008 - Note floristiche piemontesi n. 92. Ludwiga palustris (L.) Elliott (Onagraceae) in Selvaggi A., Soldano A., Pascale M., Pascal R. (eds.). Riv. Piem. St. Nat., 29: 439-474. // Soldano A., Sella A., 2000 - Flora spontanea della provincia di Biella. Edizioni dell'Orso, Alessandria. // WWF Piemonte, 2006 - Sito di Importanza Comunitaria IT1130004 Lago di Bertignano (Viverone) e stagno presso la strada per Roppolo: Piano di Gestione. Regione Piemonte.

### 5. SITE PROTECTION STATUS (optional)

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

[Back to top](#)

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT13	2.0	IT35	100.0		

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

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IT13	Vincolo idrogeologico	*	2.0
IT35	Galassini	-	100.0

#### 5.3 Site designation (optional)

### 6. SITE MANAGEMENT

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

[Back to top](#)

#### 6.2 Management Plan(s):

An actual management plan does exist:

<input checked="" type="checkbox"/>	Yes	Name: Piano di gestione del Sito della Rete Natura 2000 IT1130004 "Lago di Bertignano (Viverone) e stagno presso la strada per Roppolo Link: <a href="http://www.regione.piemonte.it/parchi/cms/dati-territoriali-new/aree-protette-e-m2000/pianificazione-e-norme.html">http://www.regione.piemonte.it/parchi/cms/dati-territoriali-new/aree-protette-e-m2000/pianificazione-e-norme.html</a>
<input type="checkbox"/>	No, but in preparation	
<input type="checkbox"/>	No	

### 6.3 Conservation measures (optional)

- Misure di conservazione per la tutela della Rete Natura 2000 del Piemonte - approvate con D.G.R. n. 54-7409 del 7/4/2014, e successive modifiche- Misure di conservazione sito-specifiche approvate con D.G.R. n. 21-4635 del 06/02/2017- Piano di gestione del Sito approvato con D.G.R. n. 53-7314 del 30-07-2018

## 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).

43/III/NO 1:25000 Gauss-Boaga --- CTR Piemonte 1:10.000 (Fuso 32 - sistema di riferimento UTM WGS84) - Sezione 155130