



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 IT2060003
SITENAME Alta Val Brembana - Laghi Gemelli

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code IT2060003	Back to top
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1.3 Site name

Alta Val Brembana - Laghi Gemelli

1.4 First Compilation date 1995-11	1.5 Update date 2022-12
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1.6 Respondent:

Name/Organisation:	Regione Lombardia Direzione Generale Ambiente e Clima - Struttura Natura e biodiversità
Address:	Piazza Città di Lombardia 1, 20124 Milano
Email:	ambiente_clima@pec.regione.lombardia.it

1.7 Site indication and designation / classification dates

Date site classified as SPA:	0000-00
National legal reference of SPA designation	No data
Date site proposed as SCI:	1995-06
Date site confirmed as SCI:	No data
Date site designated as SAC:	2014-04
National legal reference of SAC designation:	DM 30/04/2014 - G.U. 114 del 19-05-2014

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude	Latitude
9.839722	46.013611

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

ITC4	Lombardia
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2.6 Biogeographical Region(s)

Alpine (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
4060 B			444.29		G	B	C	B	B
4070 B			129.31		G	D			
6150 B			1286.5		G	A	C	A	A
6230 B			794.18		G	B	C	B	B
6430 B			5.29		G	B	C	B	B
7140 B			26.45		G	B	C	B	B
8110 B			674.55		G	A	C	A	A
8220 B			243.19		G	B	C	A	B
9110 B			3.68		G	D			
9410 B			53.2		G	D			
9420 B			198.38		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	A474	Acanthis flammea			r				C	DD	D			
B	A085	Accipiter gentilis			p				R	DD	D			
B	A086	Accipiter nisus			r				R	DD	D			
B	A086	Accipiter nisus			c				R	DD	D			

M	1375	Capra ibex						P		X				
I		Carabus (Orinocarabus) castanopterus						C				X		
P		Carex foetida						P			X			
I		Cephennium (Cephennium) reissi						P				X		
P		Coeloglossum viride						P					X	
I		Coelotes pastor tirolensis						C				X		
I		Coelotes pickardi tirolensis						C				X		
P		Coincya monesis cheiranthos						P						X
R	1283	Coronella austriaca						R	X					
I		Cychrus cylindricollis						P				X		
P		Dactylorhiza maculata						P					X	
I		Dichotrachelus imhoffi						P				X		
P		Drosera rotundifolia						P			X			
P		Dryas octopetala octopetala						P						X
I		Duvalius winklerianus magistrettii						P				X		
I		Duvalius winklerianus winklerianus						P				X		
P		Eriophorum scheuchzeri						P						X
P		Eriophorum vaginatum						P						X
P		Eritrichium nanum						P						X
P		Festuca scabriculum luedii						P				X		
P		Gentiana punctata						P						X
P		Gentiana purpurea						P			X			
P		Gentiana brachyphylla						P						X
P		Gymnadenia conopsea						P						X
P		Laserpitium krapfii gaudinii						P				X		
I		Leptusa areraensis elegantula						P				X		
I		Leptusa fauciunbeminae						P				X		
I		Leptusa grignaensis						P				X		
I		Leptusa lombarda						P				X		
M	1334	Lepus timidus						P		X				
P		Listera cordata						P			X			
I		Megacraspedus bilineatella						R				X		
I		Nebria (Nebriola) fontinalis						P				X		
I		Nebria (Oreonebria) lombarda						P				X		
I		Nebria fontinalis						P				X		

P		Nigritella rhellicani						P							X
I		Ocydromus catharinae						R				X			
P		Orchis mascula mascula						P					X		
I		Otiorhynchus (Metopiorrhynchus) cornirostris						P				X			
I		Otiorhynchus (Rusnepranus) arenosus						P				X			
I		Otiorhynchus (Rusnepranus) heeri						P				X			
P		Phyteuma globulariifolium						P				X			
P		Phyteuma hedraianthifolium						P				X			
P		Phyteuma scheuchzeri						P				X			
I		Platynus (Platynidius) teriolensis						P				X			
R	1256	Podarcis muralis						C	X						
P		Primula daonensis						P							X
P	1629	Primula glaucescens						P	X						
P		Primula hirsuta						P							X
P		Primula integrifolia						P							X
P		Primula latifolia graveolens						P							X
P		Pseudorchis albida						P					X		
I		Pterostichus (Platypterus) lombardus						P				X			
P		Rhododendron ferrugineum						P							X
I		Rhyacophila hirticornis orobica						P							X
A	1177	Salamandra atra						C	X						
P		Sanguisorba dodecandra						P				X			
P		Saussurea discolor						P				X			
P		Saxifraga androsacea						P				X			
P		Saxifraga bryoides						P							X
P		Saxifraga cuneifolia cuneifolia						P							X
P		Saxifraga oppositifolia						P							X
P		Saxifraga sequieri						P				X			
P		Scheuchzeria palustris						P				X			
P		Sempervivum wulfenii wulfenii						P							X
P		Telekia speciosissima						P							X
I		Trechus bremanus						P				X			
I		Trechus insubricus						P				X			
P		Viola comollia						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
N06	4.0
N22	23.0
N11	48.0
N08	17.0
N17	8.0
Total Habitat Cover	100

Other Site Characteristics

Non si evidenziano altre caratteristiche nel sito.

4.2 Quality and importance

L'importanza del sito è data dall'elevata diversità di habitat, in condizioni di buona conservazione, dalle formazioni forestali di aghifoglie alle praterie naturali dei crinali e dei versanti più acclivi, fino alla vegetazione delle pietraie e delle rupi silicee. Va sottolineata l'estesa presenza di coltri detritiche più o meno consolidate che ospitano stazioni di Viola comollia e Androsace alpina e di pareti rocciose silicee con vegetazione casmofitica di rupi silicee fra cui si annoverano Androsace vandelli, Phyteuma hedraianthyfolium, Primula hirsuta. Degni di nota sono i megaforbieti in cui spicca l'endemita orobico Sanguisorba dodecandra e i varietà a Festuca scabriculum che caratterizza i versanti sud occidentali dell'arco alpino. Significativa è la presenza di piccole torbiere di transizione con una ricca vegetazione igrofila a Sheuchzeria palustris. Sulle pendici del M. Cabbianca da segnalare, nelle stazioni più acclivi, la presenza di Pinus cembra. Tra le specie di maggior pregio spicca, oltre alle già citate, Listera cordata. Particolarmente diversificata risulta la zoocenosi vertebrata dell'orizzonte alpino e nivale, in cui elemento significativo risulta la presenza regolare di Aquila chrysaetos. Buone le presenze numeriche di tetraonidi tra cui spicca Lagopus mutus e il fasianide Alectoris graeca. Il modesto grado di antropizzazione dell'area di pertinenza del sito favorisce il buon livello di conservazione degli habitat che lo caratterizzano.

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	I01		b
H	F03.01		i
M	G01.03		i
M	K02		b
M	G01.03.02		i
M	D02.01.01		b
H	J02.06.06		i
H	J02.05		i
M	G01.04		i
H	A04.03		b
M	D01.01		i
L	F02.03		i
M	F03.02.03		i
M	M02.03		i

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside /outside [i o b]
L	B02.05		b
H	A03		b
H	A04		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

ANDREIS C.(ed.), 1996 - Indagine floristico-vegetazionale e faunistica (finalizzata alla stesura del Pinao Territoriale di Coordinamento) - Università degli Studi di Milano, Dpt. Di Biologia, Sez. Botanica Sistemtica, Provincia di Bergamo.

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT04	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 Gestore del Parco Regionale Orobie Bergamasche
Address:	Via Camozzi, 11 - 24121 Bergamo
Email:	segreteria@parcorobie.it

6.2 Management Plan(s):

An actual management plan does exist:

<input checked="" type="checkbox"/> Yes	Name: Piano di Gestione del SIC IT2060003 "Alta Val Brembana Laghi Gemelli"
	Link: http://www.natura2000.servizirl.it/
<input type="checkbox"/> No, but in preparation	
<input type="checkbox"/> No	

6.3 Conservation measures (optional)

Misure di conservazione sito-specifiche (DGR 1029 del 5/12/2013)

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).

118 III NE; Carta T 1:25000 Gauss-Boaga