



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 IT4050028
SITENAME Grotte e Sorgenti petrificanti di Labante

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1. SITE IDENTIFICATION

1.1 Type	1.2 Site code	Back to top
B	IT4050028	

1.3 Site name

Grotte e Sorgenti petrificanti di Labante

1.4 First Compilation date	1.5 Update date
2006-04	2022-12

1.6 Respondent:

Name	Regione Emilia-Romagna - Direzione Generale Cura del territorio e dell'ambiente - Servizio Aree protette, foreste e
/Organisation:	sviluppo della montagna
Address:	Viale Aldo Moro, 30 - 40127 Bologna
Email:	segrprn@regione.emilia-romagna.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:	2006-07
Date site confirmed as SCI:	No data
Date site designated as SAC:	2019-03
National legal reference of SAC designation:	DM 13/03/2019 - G.U. 79 del 03-04-2019

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude 11.037055 Latitude 44.258516

2.2 Area [ha]:

4.7

2.3 Marine area [%]

0.0

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code

Region Name

ITD5	Emilia-Romagna
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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
6110B			0.01		G	B	C	B	B
6210B	X		0.25		G	B	C	B	C
7220B			0.15		G	A	B	B	B
8310B			0.46		G	A	C	B	B
91E0B			0.46		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.
I	6199	Euplagia quadripunctaria			p				P	DD	C	B	C	C
B	A251	Hirundo rustica			c				C	DD	D			
B	A274	Phoenicurus phoenicurus			c				C	DD	D			
M	1304	Rhinolophus ferrumequinum			p				P	DD	C	B	C	B
M	1303	Rhinolophus hipposideros			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	
R		Chalcides chalcides						P						X	
M	1327	Eptesicus serotinus						p	X						
R	5670	Hierophis viridiflavus						P	X						
M	5365	Hypsugo savii						P	X						
P		Limodorum abortivum						P							X
A		Lissotriton vulgaris						P			X				
M	1341	Muscardinus avellanarius						P	X						
M	1312	Nyctalus noctula						P	X						
A	6976	Pelophylax esculentus						P		X					
M	2016	Pipistrellus kuhlii						P	X						
M	1309	Pipistrellus pipistrellus						P	X						
A	1209	Rana dalmatina						P	X						
A		Triturus alpestris						P			X				
R	6091	Zamenis longissimus						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
N09	22.0
N16	40.0
N07	5.0
N15	10.0
N08	13.0
N22	10.0

Total Habitat Cover	100
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Other Site Characteristics

La sorgente di San Cristoforo di Labante è all'origine di un imponente deposito di Travertino in rapida evoluzione, nel quale si è formato un complesso di grotte primarie tra i più grandi nei travertini d'Italia. Presenza di ex-cava di Travertino a cielo aperto

4.2 Quality and importance

Al geosito (sorgente, rupe, grotta) si associano gli habitat naturali (rocciosi) e seminaturali (praterie) e una popolazione di Chiroterri troglodili.

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	K05		i
L	D05		o
M	G08		i
L	F02		i

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

Minarini G., 2000 - Le grotte di Labante. Quaderni di SottoTerra, GSB - USB Bologna. Forti P., 2002 - Nota inedita dell'Istituto Italiano di Speleologia, Università di Bologna. Federazione Speleologica Regionale (FSRER), 2002 - Catasto delle grotte dell'Emilia Romagna. Longhi Marina, 2003 - Studio Idrologico della sorgente carsica di San Cristoforo di Labante (Castel d'Aiano BO). Tesi di laurea in Scienze Geologiche relatore Prof. Paolo Forti, correlatore Dott. Gian Andrea Pini.

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 GESTORE: Regione Emilia-Romagna
Address:	recapiti ed email consultabili sul web: http://ambiente.regione.emilia-romagna.it/it/parchi-natura2000/consultazione/enti-di-gestione/enti-gestione-parchi
Email:	-

6.2 Management Plan(s):

An actual management plan does exist:

<input checked="" type="checkbox"/>	Yes	Name: Piani di Gestione del sito IT4050028 - Grotte e Sorgenti pietrificanti di Labante Link: http://ambiente.regione.emilia-romagna.it/it/parchi-natura2000/rete-natura-2000/strumenti-di-gestione/misure-specifiche-di-conservazione-piani-di-gestione/elenco-documenti-approvati-per-sito-piani-di-gestione
<input type="checkbox"/>	No, but in preparation	
<input type="checkbox"/>		

No

6.3 Conservation measures (optional)

Le Misure Specifiche di Conservazione sono consultabili alla pagina web del sito: <http://ambiente.regione.emilia-romagna.it/it/parchi-natura2000/rete-natura-2000/siti/it4050028>

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).

237SO 1:25.000 UTM