# 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 **BG0000624** 

SITENAME Lyubash

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## 1. SITE IDENTIFICATION

1.1 Type	1.2 Site code	Back to top
В	BG0000624	

### 1.3 Site name

Lyubash

1.4 First Compilation date	1.5 Update date
2007-09	2021-11

## 1.6 Respondent:

Name/Organisation: Ministry of Environment and Water, "National Nature Protection Service" Directorate

Address: Sofia Kn. Maria Luiza Blvd. 22 1000 Sofia

Email: natura2000@moew.government.bg

# 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:	2007-12				
Date site confirmed as SCI:	2008-12				
Date site designated as SAC:	2020-12				
National legal reference of SAC designation:	Designation Order No. RD – 1033/17.12.2020 (promulgated SG 19 /2021) issued by the Minister of Environment and Water.				

	Adopted by Council of Ministers Decision No. 802/04.12.2007 (promulgated SG 107/2007). Issued by the
Explanation(s):	Minister of Environment and Water designation Order No. RD - 1033/17.12.2020 (promulgated SG 19
	/2021) with prohibitions and restrictions on activities contradicting the conservation objectives of the site.

# 2. SITE LOCATION

Latitude 22.7269 42.7943

2.2 Area [ha]:

2.3 Marine area [%]

1267.0432 0.0

2.4 Sitelength [km]:

0.0

#### 2.5 Administrative region code and name

NUTS level 2 code Region Name

BG41	Югозападен / Yugozapaden
55.12	iorosanagen, ragozapaden

### 2.6 Biogeographical Region(s)

Continental (100.0 %)

## 3. ECOLOGICAL INFORMATION

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

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Annex I	Habita	t types	•			Site assessment				
Code	PF	NP	Cover [ha]	Cave [number]	Data quality	A B C D	A B C	A B C		
						Representativity	Relative Surface	Conservation	Global	
6110 <b>8</b>			0.02		G	D				
6210 <b>8</b>	X		51.12		M	A	С	В	В	
62A0 <b>8</b>			264.92		M	A	С	А	В	
6430 <b>8</b>			0.02		G	D				
6510 <b>8</b>			0.62		G	С	С	В	С	
8210 <b>8</b>			22.55		G	В	С	Α	В	
8310 <b>8</b>				8	G	С	С	С	С	
9150 <b>8</b>			38.16		М	С	С	В	В	
91708			122.09		М	В	С	В	В	
9180			88.17		M	С	С	С	С	
91W0			7.28		M	В	С	В	В	

- **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	Т	T Size		Unit	Unit Cat. D. qual. A B C D A B C						
						Min	Max				Pop.	Con.	lso.	Glo.	

M	1352	Canis lupus		р	1	2	i		G	С	Α	С	Α
P	2327	Himantoglossum  caprinum		p	400	600	i		G	С	A	С	В
М	2635	Vormela peregusna		р	1	1	localities	Р	М	С	Α	С	В

- 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 i	Population in the site					Motivation						
Group	CODE	Scientific Name	S	NP	Size		Unit	Cat.	Speci		Othe	r categ	ories				
					Min	Max		C R V P	IV	V	Α	В	С	D			
Р		Anthyllis aurea						R				X					
Р		Edraianthus serbicus						R				X					
Р		Lathyrus pancicii			200	300	i					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 <u>reference portal</u>)
- 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

Habitat class	% Cover
N20	1.0
N09	36.2
N16	59.5
N22	0.1
N08	3.0
N23	0.2
Total Habitat Cover	100

### Other Site Characteristics

The site is characterized by considerable areas of calcareous terrains, build by Jurassic limestones. Ljubash Mountain hosts the single known locality of Lathyrus pancicii, which is globally critical endangered. The infrastructure is poorely developed. The anthropogenic pressure is on a very low level currently.

# 4.2 Quality and importance

The site represents beech forests of Cephalanthero-Fagion alliance. The dry calcareous grasslands are of high conservation va	lue.
Himantoglossum caprinum population is one of the best in the country.	

# 4.3 Threats, pressures and activities with impacts on the site

The most important impacts and activities with high effect on the site

Negative Impac	Negative Impacts								
Rank	Threats and pressures [code]	Pollution (optional) [code]	inside/outside [i o b]						
М	B02.02		i						
L	F03.01		o						
L	F03.01		i						
L	D01.02		o						
L	D01.02		i						
М	B01.02		i						
L	B01		o						
L	E01.03		o						
L	A01		o						

Positive Impacts				
	Activities,	Pollution	inside	
Rank	management	(optional)	/outside	
	[code]	[code]	[i o b]	
L	F03.01		i	
L	A01		О	
L	D01.02		i	
L	E01.03		О	
М	A04		i	
L	F03.01		О	
L	D01.02		o	

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

Initial proposal and description of the site made by Antoaneta Petrova - Botanical Garden, Sofia, Bulgarian Academy of Sciences; Iva Apostolova, Tenyo Meshinev - Institute of Botany, Bulgarian Academy of Sciences. New data provided by project "Mapping and assessment of the conservation status of the natural habitats and species - Phase 1" (see link).

Link(s): <a href="http://natura2000.moew.government.bg/Home/ProtectedSite?">http://natura2000.moew.government.bg/Home/ProtectedSite?</a>
<a href="code=BG0000624&siteType=HabitatDirective">code=BG0000624&siteType=HabitatDirective</a>

# 5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
BG00	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:	Regional Inspectorate of Environment and Water: Pernik				
Address:					
Email:					
6.2 Management Plan(s): An actual management plan does exist:					
Yes					

### 6.3 Conservation measures (optional)

No, but in preparation

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INSPIRE ID:	
Map delivered as PDF i	n electronic format (optional)
Yes X No	
Reference(s) to the ori	ginal map used for the digitalisation of the electronic boundaries (optional).

The management should emphasize on the control on spreading bushes over the territory.

7. MAP OF THE SITES