



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

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| | |
|----------------------|-----------------------------------|
| 1.1 Type B | 1.2 Site code BG0000624 |
|----------------------|-----------------------------------|

1.3 Site name

| |
|---------|
| Lyubash |
|---------|

| | |
|-----------------------------------|------------------------|
| 1.4 First Compilation date | 1.5 Update date |
|-----------------------------------|------------------------|

| | |
|---------|---------|
| 2007-09 | 2018-12 |
|---------|---------|

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: | No data |
| National legal reference of SAC designation: | No data |
| Explanation(s): | Adopted by Council of Ministers Decision No. 802/04.12.2007 (promulgated SG 107/2007). |

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2. SITE LOCATION

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2.1 Site-centre location [decimal degrees]:

Longitude
22.7269

Latitude
42.79434

2.2 Area [ha]:

1267.0432

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

BG41

Югозападен / Yugozapaden

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 | | | 0.02 | | G | D | | | |
| 6210B | X | | 51.12 | | M | A | C | B | B |
| 62A0B | | | 264.92 | | M | A | C | A | B |
| 6430B | | | 0.02 | | G | D | | | |
| 6510B | | | 0.62 | | G | C | C | B | C |
| 8210B | | | 22.55 | | G | B | C | A | B |
| 8310B | | | | 8 | G | C | C | C | C |
| 9150B | | | 38.16 | | M | C | C | B | B |
| 9170B | | | 122.09 | | M | B | C | B | B |
| 9180B | | | 88.17 | | M | C | C | C | C |

| | | | | | | | | | |
|-------|--|------|--|---|---|--|---|---|---|
| 91W08 | | 7.28 | | 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. |
| M | 1352 | Canis lupus | | | p | 1 | 2 | i | | G | C | A | C | A |
| P | 2327 | Himantoglossum caprinum | | | p | 400 | 600 | i | | G | C | A | C | B |
| M | 2635 | Vormela peregusna | | | p | 1 | 1 | localities | P | M | C | A | 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 | | Anthyllis aurea | | | | | | R | | | | X | | |
| P | | Edraianthus serbicus | | | | | | R | | | | X | | |
| P | | Lathyrus pancicii | | | 200 | 300 | | | | | | 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 |
|----------------------------|------------|
| N16 | 59.5 |
| N09 | 36.2 |
| N08 | 3.0 |
| N23 | 0.2 |
| N20 | 1.0 |
| N22 | 0.1 |
| 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 poorly 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 value. *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 Impacts | | | |
|------------------|------------------------------|-----------------------------|------------------------|
| Rank | Threats and pressures [code] | Pollution (optional) [code] | inside/outside [i o b] |
| L | D01.02 | | o |
| L | B01 | | o |
| L | A01 | | o |
| M | B02.02 | | i |
| L | E01.03 | | o |
| L | F03.01 | | o |
| L | D01.02 | | i |
| L | F03.01 | | i |
| M | B01.02 | | i |

| Positive Impacts | | | |
|------------------|-------------------------------|-----------------------------|------------------------|
| Rank | Activities, management [code] | Pollution (optional) [code] | inside/outside [i o b] |
| L | F03.01 | | i |
| L | E01.03 | | o |
| L | F03.01 | | o |
| L | D01.02 | | o |
| L | D01.02 | | i |
| M | A04 | | i |
| L | A01 | | 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): <http://natura2000.moew.government.bg/Home/ProtectedSite?code=BG0000624&siteType=HabitatDirective>

5. SITE PROTECTION STATUS (optional)

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5.1 Designation types at national and regional level:

| 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

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6.1 Body(ies) responsible for the site management:

| | |
|---------------|--|
| Organisation: | Regional Inspectorate of Environment and Water: Pernik |
| Address: | |
| Email: | |

6.2 Management Plan(s):

An actual management plan does exist:

| |
|---|
| <input type="checkbox"/> Yes |
| <input type="checkbox"/> No, but in preparation |
| <input checked="" type="checkbox"/> No |

6.3 Conservation measures (optional)

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

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).