



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 BG0001011
SITENAME Osogovska planina

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1. SITE IDENTIFICATION

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| | |
|----------------------|-----------------------------------|
| 1.1 Type B | 1.2 Site code BG0001011 |
|----------------------|-----------------------------------|

1.3 Site name

| |
|-------------------|
| Osogovska planina |
|-------------------|

| | |
|--|-----------------------------------|
| 1.4 First Compilation date 2006-07 | 1.5 Update date 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: | 2007-10 |
| 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. 661/16.10.2007 (promulgated SG 85/2007).

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2. SITE LOCATION

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2.1 Site-centre location [decimal degrees]:

Longitude

22.648

Latitude

42.1592

2.2 Area [ha]:

34513.2448

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 |
| 4060B | | | 3071.27 | | M | A | B | A | A |
| 5130B | | | 22.54 | | G | B | C | B | B |
| 5210B | | | 15.53096 | | | A | C | A | A |
| 6110B | | | 4.14158 | | | B | C | B | B |
| 6150B | | | 0.63 | | G | D | | | |
| 6210B | | | 392.46 | | M | A | C | B | A |
| 6220B | | | 1324.21 | | M | B | B | B | B |
| 6230B | | | 2355.6 | | M | A | B | A | A |
| 62D0B | | | 456.15 | | M | B | B | B | B |
| 6430B | | | 120.84 | | M | A | C | A | A |
| 6520B | | | 755.3 | | M | A | B | B | B |
| 7140B | | | 22.1 | | G | A | B | B | A |
| 7220B | | | 0.03 | | G | A | C | A | A |

| | | | | | | | | | | | | | | |
|---|------|--|--|--|---|--------|--------|------------|---|----|---|---|---|---|
| I | 6199 | quadripunctaria | | | p | 106 | 254 | i | V | P | C | A | C | A |
| P | 2327 | Himantoglossum caprinum | | | p | 10 | 20 | i | R | M | C | B | C | B |
| I | 1083 | Lucanus cervus | | | p | 21621 | 42533 | i | R | M | C | B | C | B |
| M | 1355 | Lutra lutra | | | p | 2 | 2 | i | | G | C | A | C | B |
| M | 1361 | Lynx lynx | | | p | 2 | 2 | localities | C | G | B | A | B | A |
| M | 1310 | Miniopterus schreibersii | | | p | 501 | 1500 | i | R | G | C | A | C | B |
| I | 1089 | Mormus funereus | | | p | 150386 | 174679 | i | R | M | C | B | C | B |
| M | 1323 | Myotis bechsteinii | | | p | 72 | 144 | i | R | M | C | B | C | C |
| M | 1307 | Myotis blythii | | | p | 11 | 50 | i | R | G | C | B | C | C |
| M | 1316 | Myotis capaccinii | | | p | | | | P | DD | D | | | |
| M | 1321 | Myotis emarginatus | | | p | 11 | 50 | i | R | G | C | B | C | C |
| M | 1324 | Myotis myotis | | | p | 11 | 50 | i | R | G | C | B | C | C |
| I | 1084 | Osmoderma eremita | | | p | | | | P | DD | C | B | C | B |
| I | 4053 | Paracaloptenus caloptenoides | | | p | 3 | 3 | localities | R | M | C | B | C | B |
| I | 4042 | Polyommatus eroides | | | p | 2745 | 5490 | i | C | P | C | A | A | A |
| M | 1305 | Rhinolophus euryale | | | p | 51 | 100 | i | R | G | C | B | C | C |
| M | 1304 | Rhinolophus ferrumequinum | | | p | 11 | 50 | i | R | G | C | B | C | C |
| M | 1303 | Rhinolophus hipposideros | | | p | 11 | 50 | i | R | G | C | B | C | C |
| F | 5339 | Rhodeus amarus | | | p | 94612 | 94612 | i | R | G | C | B | C | B |
| I | 1087 | Rosalia alpina | | | p | 69291 | 126190 | i | R | M | C | B | C | B |
| M | 1335 | Spermophilus citellus | | | p | 2 | 2 | colonies | V | M | C | B | B | B |
| R | 1219 | Testudo graeca | | | p | | | localities | P | DD | C | A | B | A |
| R | 1217 | Testudo hermanni | | | p | 5 | 5 | localities | R | M | C | A | C | A |
| A | 1171 | Triturus karelinii | | | p | 5 | 5 | localities | R | M | C | A | C | A |
| M | 1354 | Ursus arctos | | | p | 1 | 2 | i | C | G | C | A | B | A |
| M | 2635 | Vormela peregusna | | | p | 1 | 1 | localities | P | P | 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 | | | IV | V | A | B | C | D |
| P | | Acer heldreichii | | | | | | V | | | | X | | |
| F | | Alburnoides bipunctatus | | | | | | | | | | | X | |
| P | | Anemone narcissiflora | | | | | | R | | | X | | | |
| P | | Anemone sylvestris | | | | | | R | | | X | | | |
| P | | Anthemis macrantha | | | | | | R | | | X | | | |
| P | | Aquilegia nigricans | | | | | | R | | | X | | | |
| P | | Arctostaphylos uva-ursi | | | | | | R | | | X | | | |
| P | | Arctostaphylos uva-ursi | | | | | | R | | | | | | X |
| P | | Betonica scardica | | | | | | R | | | X | | | |
| I | | Brachydesmus herzogowinensis trifidus | | | | | | P | | | | X | | |
| A | | Bufo bufo | | | | | | C | | | | | | X |
| A | | Bufo viridis | | | | | | V | | | | | X | |
| I | | Calosoma sycophanta | | | | | | R | | | X | | | |
| I | | Carabus cavernosus | | | | | | C | | | | X | | |
| F | | Chondrostoma vardarensis | | | | | | C | | | | X | | |
| I | | Coenonympha rhodopensis | | | | | | C | | | | X | | |
| I | | Colias caucasica | | | | | | C | | | | X | | |
| I | | Duvalis beshkovi | | | | | | P | | | | X | | |
| I | | Duvalius beshkovi | | | | | | R | | | | X | | |
| I | | Erebia medusa | | | | | | C | | | | | | X |
| I | | Erebia pronoe | | | | | | C | | | | | | X |
| M | | Felis silvestris | | | | | | C | | | X | | | |
| P | | Galanthus nivalis | | | | | | R | | | X | | | |
| P | | Geum rhodopaeum | | | | | | R | | | | X | | |
| I | | Glaucopsyche alexis | | | | | | C | | | | | | X |
| P | | Jasione bulgarica | | | | | | R | | | | X | | |
| F | | Leuciscus cephalus | | | | | | P | | | | | | X |
| P | | Lilium jankae | | | | | | R | | | | X | | |
| I | | Maculineaalcon | | | | | | C | | | | | | X |
| M | | Martes martes | | | | | | C | | | X | | | |
| I | | Molops piceus osogovensis | | | | | | R | | | | X | | |

| | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|---|--|--|---|---|--|---|---|
| I | | Neptis sappho | | | | | | C | | | | | | X | |
| I | | Nevrorthus apatelius | | | | | | C | | | X | | | | |
| F | | Oxynoemacheilus bureschi | | | | | | V | | | | X | | | |
| I | | Parnassius apollo | | | | | | C | | | | | | X | |
| I | | Parnassius mnemosyne | | | | | | C | | | | | | X | |
| P | | Peucedanum oligophyllum | | | | | | R | | | X | | | | |
| F | | Phoxinus phoxinus | | | | | | P | | | | | | | X |
| I | | Pterostichus brevis | | | | | | R | | | | X | | | |
| I | | Pterostichus vecors | | | | | | R | | | | X | | | |
| P | | Pulmonaria mollis | | | | | | V | | | X | | | | |
| A | | Rana dalmatina | | | | | | | | | | | | X | |
| A | | Rana graeca | | | | | | | | | | | | | X |
| A | | Rana temporaria | | | | | | | | | | | | | X |
| I | | Raphidia ulrikae | | | | | | V | | | X | | | | |
| F | | Salmo trutta fario | | | | | | C | | | | | | | X |
| I | | Scolitantides orion | | | | | | C | | | | | | X | |
| P | | Senecio pancici | | | | | | V | | | | X | | | |
| P | | Senecio subalpinus | | | | | | R | | | X | | | | |
| P | | Sibbaldia parviflora | | | | | | R | | | X | | | | |
| P | | Sorbus aria | | | | | | V | | | | | | | X |
| P | | Symphyandra wanneri | | | | | | R | | | X | | | | |
| I | | Trechus priapus | | | | | | R | | | | X | | | |
| A | | Triturus alpestris | | | | | | R | | | X | | | | |
| P | | Trollius europaeus | | | | | | R | | | X | | | | |
| P | | Verbascum jankaeum | | | | | | R | | | X | | | | |
| P | | Viola gracilis | | | | | | R | | | X | | | | |
| P | | Viola orbelica | | | | | | R | | | X | | | | |
| P | | Viola pyrenaica | | | | | | R | | | X | | | | |
| I | | Zerynthia polyxena | | | | | | 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:**

4. SITE DESCRIPTION

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4.1 General site character

| Habitat class | % Cover |
|----------------------------|------------|
| N22 | 2.0 |
| N16 | 27.0 |
| N21 | 4.0 |
| N10 | 2.0 |
| N15 | 15.0 |
| N20 | 2.0 |
| N07 | 1.0 |
| N23 | 2.0 |
| N06 | 10.0 |
| N14 | 12.0 |
| N08 | 23.0 |
| Total Habitat Cover | 100 |

Other Site Characteristics

A high mountain, covered predominantly by broadleaved forests and comparatively small patches of pine forests, mountain meadows, grasslands and rocks. Urbanization is low.

4.2 Quality and importance

The mountain rivers in Osogovska planina are preserved in natural or semi-natural condition. Rivers run in their natural beds and the territories of their riversides are slightly fragmented. Alluvial forests with *Alnus glutinosa* and *Fraxinus excelsior* (Habitat 91E0), which are of great priority for EU, are perfectly preserved. The river ichthyofauna is rich and varied. One fish species - *Barbatula bureschi*, and six amphibian species - *Bufo viridis*, *Bufo bufo*, *Rana dalmatina*, *Rana graeca*, *Rana temporaria*, *Triturus alpestris*, are protected according to Biodiversity Protection Act (Motivation D). The high number of Balkan trout (*Salmo trutta*), together with *Austropotamobius torrentium* and the other fish species, form an important food supply for the Otter. Comparatively well preserved forest habitats (especially old aged broadleaved forests), as well as the plenty of game (Roe Deer and Brown Hare) provide good conditions for the Wolf. The natural habitats are suitable for the Brown Bear too. The proposed protected zone is a very important site for achieving favourable conservation status of the Brown Bear. It is a stepping stones biocorridor for genetic material exchange between the Brown Bear populations of Eastern Serbia and Rila and Pirin mountains. Preservation of natural forest habitats in the area will provide favourable conditions for recovering stable metapopulations of the species, which will ensure its conservation in the future. Conservation of this territory is of great importance for the protection of another large carnivore, which was thought to be extinct in Bulgaria till recently - the Lynx. In the last several years the species is trying to recolonize western mountain regions of the country and the proposed site could be an important stepping stones biocorridor in this connection.

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 | F03.02.09 | | i |
| H | B | | i |
| L | D01.05 | | i |
| M | B01.02 | | i |

| Positive Impacts | | | |
|------------------|-------------------------------|-----------------------------|------------------------|
| Rank | Activities, management [code] | Pollution (optional) [code] | inside/outside [i o b] |
| H | A04 | | i |
| H | A05.01 | | i |
| L | E01.03 | | i |
| L | E01.02 | | o |

| | | | |
|---|-----------|--|---|
| H | B01 | | i |
| L | E01.02 | | o |
| L | G02.02 | | o |
| H | B01.02 | | o |
| L | C02 | | o |
| L | C02 | | i |
| L | A03 | | i |
| L | G02.02 | | i |
| L | E01.03 | | i |
| L | D06 | | o |
| H | J02.05.02 | | i |
| L | E06 | | i |
| H | G01.03 | | i |
| H | B02.02 | | i |
| L | E03.01 | | o |
| M | D01.02 | | o |
| M | A04 | | o |
| L | A03 | | o |
| M | B03 | | o |
| H | B02.02 | | o |
| H | B02.01 | | i |
| L | D01.05 | | o |
| H | B03 | | i |
| L | D02.01 | | i |
| L | E01.02 | | i |
| H | F03.02.03 | | i |
| L | D02.01 | | o |
| L | D01.01 | | o |
| H | F03.02 | | i |
| L | E03.01 | | i |
| L | E01.03 | | o |
| H | F04 | | i |
| L | D01.01 | | i |
| L | D06 | | i |
| H | F03.01 | | i |
| M | F03.01 | | o |
| H | F06 | | i |
| H | D01.02 | | i |
| L | K01.01 | | o |
| L | J01 | | i |
| M | E06 | | o |

| | | | |
|---|--------|--|---|
| L | D01.01 | | o |
| L | A03 | | o |
| L | E01.02 | | i |
| L | D01.05 | | o |
| L | D01.01 | | i |
| M | A04 | | o |
| L | A03 | | 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)

4.5 Documentation

Initial proposal and description of the site made by BBPS-SEMPERVIVA, semperviva@bluelink.net; S. Zidarova, V. Popov, I. Pandurski - Institute of Zoology, BAS; Balkani Wildlife Society, office@balkani.org; Green Balkans, officesf@greenbalkans.org; M. Lyubenova, A. Asenov, N. Nikolov; G. Hinkov; Tsv. Zlatanov. Data revised by a team of Bulgarian Academy of Sciences (<http://www.bas.bg>). 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=BG0001011&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 | 99.32293796661084 | BG01 | 0.6326245680260043 | BG03 | 0.0444374653947013 |

5.2 Relation of the described site with other sites:

designated at national or regional level:

| Type code | Site name | Type | Cover [%] |
|-----------|-------------------|------|--------------------|
| BG01 | Tzarnata reka | + | 0.6326245680260043 |
| BG03 | Vodopad Sveta Ana | + | 0.0444374653947013 |

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)

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).

