



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
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1.3 Site name

Osogovska planina

1.4 First Compilation date 2006-07	1.5 Update date 2015-07
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1.6 Respondent:

Name/Organisation:	Ministry of Environment and Water, "National Nature Protection Service" Directorate
Address:	Sofia Maria Luiza Blvd. 22 1000 Sofia
Email:	r.dimova@moew.government.bg

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

2.1 Site-centre location [decimal degrees]:

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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
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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 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			3796.45692			B	B	A	A
5210B			15.53096			A	C	A	A
6110B			4.14158			B	C	B	B
6150B			172.56622			C	C	A	A
6210B			1725.66224			A	C	A	A
6230B			1725.66224			A	B	A	A
62A0B			2208.84766			A	B	A	A
62D0B			1380.52979			C	B	A	A
6430B			1035.39734			A	B	A	A
6520B			1035.39734			A	B	A	A
7140B			345.13244			A	A	A	A
8110B			517.69867			A	C	A	A
8220B			345.13244			A	B	A	A
8230B			27.95572			C	C	A	A
8310B				11	G	C	C	B	C
9110B			571.88446			A	B	B	B
9130B			8571.01921			A	B	A	A
9150B			146.33615			B	C	B	B
9170B			1115.12293			A	C	B	B
9180B			62.46897			A	C	B	B
91AA0B			136.32731			C	C	B	B
91BA0B			75.92913			A	C	B	B
91CA0B			568.088			A	C	A	A
91E0B			14.0814			A	C	A	A

91M0B		963.60979			B	C	A	B
91W0B		137.01758			A	C	A	A
9410B		37.61943			C	C	C	C
9530B		1083.37075			A	B	A	A

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				
Group	Code	Scientific Name	S	NP	Type	Size		Unit	Cat.	Data quality	A B C D			A B C
						Min	Max				C R V P	Pop.	Cons.	Isol.
I	1093	Austropotamobius torrentium			p	17445	17445	i	C	G	C	A	C	A
M	1308	Barbastella barbastellus			p	141	222	i	R	M	C	B	C	B
F	1137	Barbus plebejus			p				R		C	A	B	B
A	1193	Bombina variegata			p	17	17	localities	C	G	C	A	C	A
M	1352	Canis lupus			p	10	11	i		G	C	A	C	A
I	1088	Cerambyx cerdo			p				R		C	A	C	A
R	1220	Emys orbicularis			p	2	2	localities	V	P	C	A	B	B
I	6199	Euplagia 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				R		C	A	C	A
M	1355	Lutra lutra			p	2	2	i		G	C	A	C	B
M	1361	Lynx lynx			p				P		B	A	B	A
M	1310	Miniopterus schreibersii			p	501	1500	i	R	G	C	A	C	B
I	1089	Mormis funereus			p				R		C	A	C	A
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				R		C	A	B	A
I	4042	Polyommatus eroides			p				C		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	1134	Rhodeus sericeus amarus			p				R		C	B	C	B
I	1087	Rosalia alpina			p				R		C	A	C	A
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		G	C	A	B	A
M	2635	Vormela peregusna			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			C R V P	IV	V	A	B	C
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 vardareense						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								C			X			

		Nevrothus apatelius												
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 jankaeaeum					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:** International Conventions; **D:** other reasons

4. SITE DESCRIPTION

4.1 General site character

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Habitat class	% Cover
N22	2.0
N21	4.0
N23	2.0
N08	23.0
N20	2.0
N10	2.0
N16	27.0
N07	1.0
N06	10.0
N15	15.0

N14	12.0
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 ichthiofauna 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 *Austroptomobius 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]
M	B01.02		i
M	D01.02		o
H	B		i
M	F03.01		o
H	F04		i
L	A03		o
L	G02.02		i
H	G01.03		i
L	E01.03		i
H	F03.02		i
L	D01.05		o
L	J01		i
H	B01.02		o
L	E01.03		o
H	B02.02		i
L	D06		i
L	D02.01		i
H	B01		i
L	E03.01		o
H	J02.05.02		i
L	E06		i
H	F06		i
L	D01.01		o
H	F03.01		i
L	A03		i
L	C02		o
L	E01.02		o
H	B03		i
H	F03.02.03		i
L	D02.01		o
L	E03.01		i
H	F03.02.09		i
M	A04		o
L	C02		i
L	D01.01		i
L	G02.02		o
L	D01.05		i
H	B02.02		o
M	E06		o
M	B03		o
H	B02.01		i
L	E01.02		i

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]
L	D01.05		o
H	A04		i
H	A05.01		i
L	D01.01		i
L	E01.02		o
L	A03		o
L	E01.02		i
M	A04		o
L	A03		i
L	D01.01		o
L	E01.03		i

L	K01.01		o
L	D06		o
H	D01.02		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

4.5 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)

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
BG01	0.6326245680260043	BG00	99.32293796661084	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 [%]
BG03	Vodopad Sveta Ana	+	0.0444374653947013
BG01	Tzarnata reka	+	0.6326245680260043

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:

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

7. MAP OF THE SITES

INSPIRE ID:

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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).