



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 BG0002079

SITENAME Osogovo

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1. SITE IDENTIFICATION

1.1 Type	1.2 Site code Back to top
A	BG0002079

1.3 Site name

Osogovo

1.4 First Compilation date	1.5 Update date
2005-10	2015-07

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:	2007-03
National legal reference of SPA designation	Site classified as SPA by Council of Ministers Decision No. 122/02.03.2007 (promulgated SG 21/2007).
Explanation(s):	Site classified as SPA by Council of Ministers Decision No. 122/02.03.2007 (promulgated SG 21/2007). Issued designation order by the Minister of Environment and Water with prohibitions and restrictions on activities contradicting the conservation objectives of the site – Order No. RD – 780/29.10.2008 (promulgated SG 103/2008).

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude	Latitude
22.60638888888889	42.17305555555555

2.2 Area [ha]:	2.3 Marine area [%]
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24125.0874	0.0
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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

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

[illegible]

B	A234	Picus canus			p	1	7	p		G	C	A	C	C
B	A307	Sylvia nisoria			r	8	8	p		G	C	B	C	C

- **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
B	A247	Alauda arvensis			500	500	p						X	
B	A218	Athene noctua			5	5	p						X	
B	A366	Carduelis cannabina			70	70	p						X	
B	A363	Carduelis chloris			105	105	p						X	
B	A347	Corvus monedula			55	55	p							X
B	A113	Coturnix coturnix			75	75	p						X	
B	A377	Emberiza cirlus			3	3	p						X	
B	A269	Erithacus rubecula			550	550	p						X	
B	A359	Fringilla coelebs			1000	1000	p						X	
B	A244	Galerida cristata			50	50	p						X	
B	A251	Hirundo rustica			55	55	p						X	
B	A233	Jynx torquilla			3	3	p						X	
B	A271	Luscinia megarhynchos			100	100	p						X	
B	A383	Miliaria calandra			55	55	p						X	
B	A280	Monticola saxatilis			6	6	p						X	
B	A214	Otus scops			70	70	p						X	
B	A329	Parus caeruleus			200	200	p						X	
B	A443	Parus lugubris			80	80	p						X	
B	A235	Picus viridis			24	24	p						X	
B	A235	Picus viridis			24	24	p						X	
B	A345	Pyrrhocorax graculus			26	26	p				X			
B	A317	Regulus regulus			70	70	p						X	
B	A276	Saxicola torquata			3	3	p						X	
B	A210	Streptopelia turtur			125	125	p						X	
B	A311	Sylvia atricapilla			230	230	p						X	
B	A283	Turdus merula			925	925	p						X	
B	A285	Turdus philomelos			123	123	p						X	
B	A282	Turdus torquatus			75	75	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
N10	2.0
N23	1.0
N08	7.0
N12	1.0
N16	47.0
N15	
N19	18.0
N07	
N17	
N21	
N22	
N06	
N09	24.0
Total Habitat Cover	NaN

Other Site Characteristics

The site is located in south-western Bulgaria, to the south of Kjustendil. It covers the bigger part of the Osogovo Mountain. Its north-western and northern limits pass along the mountain slopes above the main road E871 (from Gjueshevo border check-point to Kjustendil) and beyond the town of Kjustendil. The Osogovo massif consists of two high flat mountain tops, directed from the north-west to the south-east and from the south-west to the north-east. The highest peak of the massif, Ruen (2251 m), rises at their crossing point. The deep valleys take the waters of the Bistritsa, the Novoselska and the Leshnitsa rivers, which form the right-hand tributary system of the Struma. At places on the tops and in the valleys there are isolated patches of exposed rocks, small rocky complexes and eroded terrain. Because of the harsher climatic conditions in the Osogovo and the greater abundance of water, the brown forest soils, related to the development of beech forest vegetation, prevail there. Dark-brown forest soils with coniferous forest vegetation cover the higher parts, while the mountain tops are occupied by mountain-meadow soils with well-developed grass associations. The biggest part of the area is covered by beech forests of *Fagus sylvatica* and mixed forest of beech and Scots Pine *Pinus sylvestris*. Smaller sections of oak *Quercus dalechampii* occur in the lower parts. There are patches of preserved old beech forests with high ecological value. The coniferous forests are mainly Scots pine *Pinus sylvestris* or mixed Scots Pine and Beech. There are also small patches of Fir *Abies alba* and Spruce *Pinus peuce*. Siberian Juniper *Juniperus communis nana*, often in associations with secondary shrub and grass formations, occurs in the high-mountain belt.

4.2 Quality and importance

Osogovo supports 111 breeding bird species, 11 of which are listed in the Red Data Book for Bulgaria (1985). Of the birds occurring there 35 species are of European conservation concern (SPEC) (BirdLife International, 2004), 10 of them being listed in category SPEC 2 and 25 in SPEC 3 as species threatened in Europe. The area provides suitable habitats for 18 species, included in Annex 2 of the Biodiversity Act, which need special conservation measures, of which 17 are listed also in Annex I of the Birds Directive. The site is of European conservation concern for the Rock Partridge *Alectoris graeca*, whose breeding population in the region is considerable. The area holds representative populations of Honey Buzzard *Pernis apivorus* and Long-legged Buzzard *Buteo rufinus*. The Golden Eagle *Aquila chrysaetos*, the Peregrine Falcon *Falco peregrinus* and the Eagle Owl *Bubo bubo* also breeds there.

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	Pollution (optional)	inside/outside

Positive Impacts			
Rank	Activities, management	Pollution (optional)	inside /outside

	[code]	[code]	[i o b]
H	F06		i
L	E03		i
L	F03.02.03		i
L	J02.05.02		i
L	F03.01		i
M	A10		i
L	G01		i
H	B		i
H	C01.04		i
M	A04.03		i
L	A03		i
L	F02.03		i
M	A01		i
L	G02		i
H	C01.07		i
M	B02.02		i
L	B02.03		i
L	J02		i
L	F03.02.02		i
M	K01.01		i
L	D01.02		i
M	J02.05		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

	[code]	[code]	[i o b]
M	A01		i
L	F02.03		i
L	J02.05.02		i
L	E01.03		i
L	D01.02		i
L	A05.01		i
L	G01		i
H	B01		i
L	A04		i

4.4 Ownership (optional)

4.5 Documentation

Initial proposal and description of the site made by Dr. P. Iankov, Dr. V. Delov, S. Barova, I. Angelov, M. Aleksandrova, T. Robertson - Bulgarian Society for the Protection of Birds, Bulgaria, 1111 Sofia, P.O.Box 50, phone (+359 2) 9715855, fax (+359 2) 9715856, www.bspb.org ; R. Nedialkov, E. Ilieva, K. Zareva, D. Zlatanova. Data revised by a team of Bulgarian Academy of Sciences (<http://www.bas.bg>). Documents: BDZP /BirdLife Balgariya. 2005. Nacionalna banka za ornitologichna informacia 1988-2005, Balgarsko Druzhestvo za zastita na pticite; Botev, B. and Tz. Peshev, (eds). 1985. Red Data Book of Republic Bulgaria. 2: Animals. Sofia: Bulgarian Academy of Science. (In Bulgarian.); MOSV. 2005. Arhiv na zastitenite teritorii v Balgaria. Baza dannii (nepubl.); Petrov, .C 1997b. Beliat shturkel (Ciconia ciconia) v Bulgaria. Prirodzashtitna poredica, Kniga 2, BDZP, Plovdiv.; Simeonov, S., T. Michev. 1985. Suvremenno razprostranenie i chislenost na buhala (Bubo bubo(L.) v Bulgaria. Ekologia, 15, 60-65.; Simeonov, S., Ia. Marinov. 1994. Pticite na Osogovska planina. God. SU. Sv. Kliment Ohridski, Biologicheski fakultet. Kn. 1 Zoologia, 85, 237-251.; BirdLife International. 2000. Threatened birds of the world. Barcelona and Cambridge, UK: Lynx Edicions and BirdLife International, 695pp. BirdLife International. 2004. Birds in Europe: Population estimates, trends and conservation status. Cambridge, UK: BirdLife International (BirdLife Conservation Series No. 12). 373pp.; BSPB/BirdLife International. 2005. World Bird Database Important Birds Areas. Bulgaria. Cambridge. (unpublished); Guidelines for evaluation of protected zones according, which include habitats for birds to art.7, par.3, under the art.6 par.1.3 and 1.4 of the Biodiversity Act. 2005. (In Bulgarian.); Kostadinova, I., M. Mihailov, (comp.) 2002. Guide for NATURA 2000 in Bulgaria. BSPB nature conservation series No5. BSPB, Sofia, 80pp. (In Bulgarian.); Kostadinova, I. 2005. Application of C criteria for Identification of Important Bird Areas of European Union importance in Bulgaria. Preliminarily implementation and analysis of the gaps. In: Petrova, A. (ed.), Current state of Bulgarian biodiversity problems and perspectives. Pp. 533-548. Bulgarian Bioplatform, Sofia; Kouzmanov, G., G. Stoyanov, R. Todorov. 1996. Sur la Biologie et la Protection de l'Aigle royal Aquila chrysaetos en Bulgarie. - In: Meyburg, B.-U. & R.D. Chancellor eds. 1994. Raptor Conservation Today, WWGBP/ The Pica Press, 505-515.; Michev, T., Tz. Petrov, L. Profirov. 1989. Status, breeding, distribution, numbers and conservation of the White Stork in Bulgaria MOEW. 1998. CORINE Biotopes Database of the sites of European Importance for the biodiversity. Bulgaria, MOSV (nepubl.); Osieck, E. 2000 Filling in the requirements of the EU Birds Directive: Lessons from the Dutch Case. In: European IBA Workshop. 29 March - 2 April 2000, Brussels, Belgium. Proceedings. BirdLife International, 86-99; Waliczky, Z. 2000 Important Bird Areas of European Union Importance: explanation of the EU Criteria applied in IBA 2000 In: European IBA Workshop. 29 March - 2 April 2000, Brussels, Belgium. Proceedings. BirdLife International, 12-16

Link(s): [http://natura2000.moew.government.bg/Home/ProtectedSite?](http://natura2000.moew.government.bg/Home/ProtectedSite?code=BG0002079&siteType=BirdsDirective)

[code=BG0002079&siteType=BirdsDirective](http://natura2000.moew.government.bg/Home/ProtectedSite?code=BG0002079&siteType=BirdsDirective)

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	99.0	BG01	1.0		

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
BG01	TSARNATA REKA	+	1.0

designated at international level:

Type	Site name	Type	Cover [%]
Other	IBA	=	100.0

5.3 Site designation (optional)

Only one protected area is designated on the territory of Osogovo Tsarnata reka Reserve. It covers less than 2% of the site area and protects typical forest ecosystem. A procedure for designation of a protected area along Bistritsa river, in northwest part of Osogovo is under execution. In 1998 the CORINE Site with the same name is appointed because of its European value for rare and threatened habitats, plant and animal species, including birds. It overlaps with the SPA. In 2005 it was designated also as Important Bird Area by BirdLife International.

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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Organisation:	Regional Inspectorate of Environment and Water - Pernik; Forestry Department - Nevestino; State Game-breeding Center - "Osogovo"; West-Aegean Rive Basin Directorate;
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:	
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Map delivered as PDF in electronic format (optional)

<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
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Reference(s) to the original map used for the digitalisation of the electronic boundaries (optional).

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