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	**BG0000443**
SITENAME	**Reka Omurovska**

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1. SITE IDENTIFICATION

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1.1 Type	1.2 Site code
B	BG0000443

1.3 Site name

Reka Omurovska

1.4 First Compilation date	1.5 Update date
2005-08	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:	2007-03
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. 122/02.03.2007 (promulgated SG 21/2007). Corrected and extended site borders by Council of Ministers Decision No. 588/06.08.2021 (promulgated SG 67/2021).

2. SITE LOCATION

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2.1 Site-centre location [decimal degrees]:

Longitude	Latitude

25.2733	42.3961

2.2 Area [ha]:	2.3 Marine area [%]
819.105	0.0

2.4 Sitelength [km]:

2.5 Administrative region code and name

NUTS level 2 code	Region Name
BG42	Южен централен / Yuzhen tsentralen
BG34	Югоизточен / Yugoiztochen

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
3150			12.26		G	B	C	B	B
3260			73.10086		G	A	C	C	B
6430			0.99999			A	C	B	B
92A0			30.25		M	A	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	1308	Barbastella barbastellus			p	6	10	i	V	M	D			
F	5088	Barbus cyclolepis			p				C	DD	C	B	C	B
A	1188	Bombina bombina			p			localities	P	DD	C	A	C	B
A	1193	Bombina variegata			p			localities	P	DD	C	A	B	A
M	1352	Canis lupus			p	0	1	i	P	M	C	B	C	B
I	1088	Cerambyx cerdo			p				R	DD	D			
F	1149	Cobitis taenia			p	156138	156138	i	R	G	C	B	C	A
I	4045	Coenagrion ornatum			p	8	8	localities	R	G	C	B	C	B

R	5194	Elaphe sauromates			p			localities	P	DD	C	A	C	B
R	1220	Emys orbicularis			p			localities	P	DD	C	A	C	B
I	1083	Lucanus cervus			p				R	DD	C	C	C	C
M	1355	Lutra lutra			p	5	10	i	P	G	C	C	C	C
I	1089	Morimus funereus			p				R	DD	D			
M	1323	Myotis bechsteinii			p	2	5	i	V	M	D			
M	1307	Myotis blythii			p	11	50	i	R	G	C	B	C	C
M	1321	Myotis emarginatus			p				P	DD	D			
M	1324	Myotis myotis			p	11	50	i	R	G	C	B	C	C
M	1303	Rhinolophus hipposideros			p	51	100	i	R	G	C	B	C	B
F	5339	Rhodeus amarus			p	1106768	1106768	i	C	G	B	A	C	A
I	1087	Rosalia alpina			p				V	DD	C	C	C	C
F	1146	Sabanejewia aurata			p	1551	1551	i	V	G	C	A	C	A
R	1217	Testudo hermanni			p			localities	P	DD	C	C	C	C
A	1171	Triturus karelinii			p			localities	P	DD	C	A	C	B
I	1032	Unio crassus			p	1051104	1051104	i	R	M	C	B	C	B
M	2635	Vormela peregusna			p				P	DD	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	D
R		Ablepharus kitaibelii						V					X	
F		Alburnus alburnus						P						X
M		Apodemus flavicollis						P			X			
M		Apodemus sylvaticus						P			X			
M		Arvicola terrestris						P			X			
A		Bufo viridis						C					X	
R		Coluber caspius						C					X	
F		Crassius carassius						P			X			
M		Crocidura leucodon						P			X			
M		Crocidura suaveolens						P			X			
M		Dryomys nitedula						P			X			
R		Elaphe longissima						V					X	
M		Erinaceus concolor						P			X			
M		Erinaceus roumanicus						P			X			

M		Felis silvestris						P					X	
A		Hyla arborea						C					X	
R		Lacerta trilineata						C					X	
R		Lacerta viridis						C					X	
F		Leuciscus cephalus						P						X
M		Micromys minutus						P			X			
M		Microtus arvalis						P			X			
M		Mustela nivalis						P			X			
M		Mustela putorius						P					X	
R		Natrix tessellata						C					X	
M		Neomys anomalus						P			X			
A		Pelobates syriacus						P					X	
R		Podarcis muralis						V					X	
R		Podarcis taurica						C					X	
A		Rana dalmatina						P					X	
M		Sorex araneus						P			X			
M		Talpa europaea						P			X			
R		Vipera ammodytes						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

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4.1 General site character

Habitat class	% Cover
N06	50.0
N07	50.0
Total Habitat Cover	100

Other Site Characteristics

The river valley crosses agricultural lands in the plain part. It is overgrown with reed, willows and poplars. The mountain part of the site covers ravines and streams of water, overgrown with Oaks and Hornbeams and thus, in some places difficult to pass. The Omurovska is a river in Southern Bulgaria, a left tributary of the Maritsa River. It is 57,5 km and is used for irrigation. Some sections of it dry out every year, but there is a water currency under the river-bed. Along its upper reaches the river is overgrown with willow, hazelbush, elm-trees, and alder trees. The adjacent areas are arable lands, pastures, and abandoned fields, and in some places forest areas. Along its lower reaches the river is slightly overgrown with vegetation, and in some places it has been deforestated. The adjacent areas are arable lands, mainly vegetable-growing gardens.

4.2 Quality and importance

The site provides linking among three other sites, proposed for the NATURA 2000 network: Maritsa, Bratan and Vereya. The site also has significant flora and fauna biodiversity.In table "Ecological Information - Other Important species", the species justified by 'A-National' are not necessarily included in the National Red Data Book, because its last edition is too old (1985), not up-dated and has no legislative value. The species indicated by 'A-National' are the protected flora and fauna species, included in the Bulgarian Biodiversity Act, and therefore this motivation is given highest priority.

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	F03.01		o
H	K01.03		i
L	F04		i
L	J01		i
L	A04		o
M	K01.01		o
M	A05.01		o
H	F04		o
L	D01.02		o
M	A07		o
H	J02.05.02		i
L	B02.02		i
M	A03		i
L	D02.02		i
M	B02.02		o
L	E04.01		i
L	A08		i
M	F03.01		i
L	D02.01		o
M	A09		i
M	E03.01		o
L	E03.03		i
M	E03.01		i
H	C01.01		o
M	E01		o
L	D02.02		o
M	A05.01		i
L	A07		i
H	K01.02		i
M	A04		i
L	A08		o
H	A03		o
H	C01.01		i
L	F03.02.03		i
H	F03.02		o
M	H05		o
L	F03.02		i
H	E01.01		o
M	F02.03		i

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside /outside [i|o|b]
L	A04		o
M	E01		o
L	B01		o
L	D02.02		i
M	A05.01		i
L	D02.01		o
L	E04.01		i
M	F02.03		i
M	A04		i
L	B01.02		o
L	J01		i
L	A07		i
L	A08		i
H	H04		i
L	D01.02		o
M	A05.01		o
L	D02.02		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 D.Ganev - RIEW Stara Zagora, 2 Stara Planina Str., Stara Zagora; Doncho Kirov - Green Balkans Federation, Plovdiv 4000, +359 32 62 69 77, office@greenbalkans.org .Initially listed documents: Arnold, E., J. Burton, D. Ovenden. 1992. A field guide to the Reptiles and Amphibians of Britain and Europe. Collins Publ., London, 272 pp.Benda, P., T. Ivanova, I. Horacek, V. Hanak, J. Gaisler, J. Cerveny, J. Gaisler, A. Georgieva, B. Petrov, V. Vohralik. 2003. Bats (Mammalia: Chiroptera) of the Eastern Mediterranean. Part 3. Review of bat distribution in Bulgaria. Acta Soc. Zool. Bohem., 67, 245-357.CORINE BIOTOPES database Cramp, St. 1983. Handbook of the Birds of Europe the Middle East and North Africa. The Birds of the Western Palearctic. Volume 4. Oxford University Press, 48-62 pp.Cramp, St., K. Simmons et al. 1977. Handbook of the Birds of Europe the Middle East and North Africa. The Birds of the Western Palearctic. Volume I :

Ostrich to Ducks. Oxford University Press.Delany, S., C. Reyes, E. Hubert, S. Pihl, E. Rees, L. Haanstra, A. Strien. 1999. Results from the International Waterbird Census in the Westwrn Paleactic and Southwest Asia 1995 and 1996. Wetlands International Publication, 54, 178 pp. Georgiev, D. 2003. A report of Mesocricetus newtoni (Mammalia: Cricetidae) from South-Eastern Bulgaria. Trav. Sci. Univ. Plovdiv, Animalia, 39 (6), 107-110.Ivanova, T. 2005. Important Bat Underground Habitats (IBUH) in Bulgaria. Acta zool. Bulg.Horacek, I., J. Cerveny, A. Tausl, D. Vitek. 1974. Notes on the Mammal fauna of Bulgaria (Insectivora, Chiroptera, Rodentia). Vestnik Cesk. Spol. Zool., XXXVIII, 1,19-31. Karapetkova, M., M. Zhivkov . 1995. Fish in Bulgaria. Sofia. Gea Libris, 247 pp.Kavrakova, V., D. Dimova, M. Dimitrov, R. Tsonev, T.Belev (ed.). 2005. Guide for identification of habitats of European significance in Bulgaria. WWF DCP, Green Balkans Federation. Sofia. 128 pp. Kostadinova, I. (compiler). 1997. Important Bird Areas in Bulgaria. BSPB, Sofia.Kostadinova, I., S. Dereliev. 2001. Results from the midwinter census of waterfowl in Bulgaria for the period 1997-2001 year, Sofia. Macdonald, D., P. Barret. 1993. Mammals of Britain & Europe. Collins field guide, Harper Collins Publ., London, 312 pp.Michev, T., L. Profirov. 2003. Mid-winter Numbers of Waterbirds in Bulgaria (1977-2001). Results form 25 years of mid-winter counts carried out at the most important Bulgarian wetlands. Sofia Moscow, 160. Mihov, S. 2002. Field guide of amphibians in Bulgaria, Bourgas Wetlands, 45 pp.Milchev, B., Z. Boev, V. Georgiev. 2004. Die Nahrung der Schleiereule (Tyto alba) in Sudost-Bulgarien. Egretta, 47, 66-77.Nankinov, D., S. Simeonov, T. Michev, B. Ivanov. 1997. Fauna of Bulgaria. Vol. 26: Aves, Part II. Sofia, Academic Publishing House Prof. M. Drinov, 427 pp. Nankinov, D. et al. 2004.Breeding totals of the ornithofauna in Bulgaria. Green Balkans, Plovdiv, 32 pp.Ornithological database of Green Balkans Federation of Nature Conservation NGOs. Patev, P. 1950. Birds in Bulgaria. BAS, Sofia, 364 pp. Peshev, T., D. Peshev, V. Popov. 2004. Fauna of Bulgaria. Vol. 27: Mammalia.Sofia. Academic Publishing House Prof. M. Drinov, 632 pp.Popov, V. 2003. Mammals in Bulgaria. Vitosha Nature Park Directorate, Sofia, Geosoft, 291 pp.Roché, J. 2000. Die Vogelstimmen Europas auf 4 CDs Rufe und Gesänge. Kosmos.Simeonov, S., T. Michev. 1991. The birds of the Balkan Peninsula. Peter Beron, Sofia, 249 pp. Simeonov, S., T. Michev, D. Nankinov. 1990. Fauna in Bulgaria. Vol. 20 Aves. Part I. S., BAS, 350 pp.Simeonov, S., T. Michev. 1991. Birds of the Balkan Peninsula. Peter Beron, Sofia, 245 pp. Swensson, L. 1992. Identification guide to European Passerines. Stockholm.Swensson L., P. Grant. 2000. Bird guide. Harper Collins Publishers, London, 392 pp. Sakalyan, M. (eds.). 1993. National Strategy for Biodiversity Conservation. Main Reports. Volume 1.Data revised by a team of Bulgarian Academy of Sciences (http://www.bas.bg).Data revised by a team of the Institute for Biodiversity and Ecosystem Research, 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=BG0000443&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	98.7	BG06	1.3		

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
BG06	Dermenika	*	1.3

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: Plovdiv, Stara Zagora
Address:	
Email:	

6.2 Management Plan(s):

An actual management plan does exist:

- [ ] Yes
- [ ] No, but in preparation
- [X] No

6.3 Conservation measures (optional)

Municipality Bratia DaskaloviBasin Directore PlovdivRegional adminisration - Slara Zagora

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).