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	**BG0000503**
SITENAME	**Reka Lom**

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1. SITE IDENTIFICATION

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1.1 Type	1.2 Site code
B	BG0000503

1.3 Site name

Reka Lom

1.4 First Compilation date	1.5 Update date
2005-11	2022-11

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

23.045	43.6939

2.2 Area [ha]: | **2.3 Marine area [%]**

1722.7142	0.0

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code	Region Name
BG31	Северозападен / Severozapaden
BG31	Северозападен / Severozapaden

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
3140			0.2983		G	A	C	B	B
3150			2.35		G	A	C	A	B
3260			114.52		G	A	C	A	C
3270			0.31		G	A	C	A	B
6510			284.53		M	A	C	A	B
8310				3	G	C	C	C	C
91E0			18.6		M	A	C	B	B
91M0			52.32		M	A	C	B	B
91Z0			32.37		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.
F	1130	Aspius aspius			p	1014350	1014350	area	P	P	C	A	B	A
F	1138	Barbus meridionalis			p	250000	250000	area	C	G	C	A	B	B

A	1188	Bombina bombina			p	4	4	grids1x1	V	P	C	A	B	B
M	1352	Canis lupus			p	0	1	i		G	C	B	C	C
I	1088	Cerambyx cerdo			p			grids1x1	P	DD	C	B	C	C
F	2533	Cobitis elongata			p	250000	250000	area	C	G	B	A	A	A
F	1149	Cobitis taenia			p	250000	250000	area	C	G	C	A	C	B
R	5194	Elaphe sauromates			p			grids1x1	P	DD	C	B	C	C
R	1220	Emys orbicularis			p	16	16	grids1x1	C	P	C	A	C	A
F	1157	Gymnocephalus schraetzer			p	104240	104240	area	P	P	C	A	B	B
I	1083	Lucanus cervus			p	3	3	grids1x1	R	M	C	C	C	C
M	1355	Lutra lutra			p	10	11	adults		G	C	A	C	A
I	1060	Lycaena dispar			p	1		grids1x1	R	P	C	B	B	C
M	2609	Mesocricetus newtoni			p				V	DD	C	B	C	C
M	1310	Miniopterus schreibersii			p	11	50	i	R	G	C	B	C	C
I	1089	Morimus funereus			p				P	DD	D			
M	1323	Myotis bechsteinii			p	1	5	i	V	M	D			
M	1316	Myotis capaccinii			p				P	DD	D			
M	1305	Rhinolophus euryale			p				P	DD	D			
M	1304	Rhinolophus ferrumequinum			p	6	10	i	R	G	D			
F	5339	Rhodeus amarus			p	250000	250000	area	C	G	C	A	C	B
F	6143	Romanogobio kesslerii			p	225000	225000	area	R	G	A	A	A	A
F	6145	Romanogobio uranoscopus			p	50000	50000	area	R	G	B	A	A	A
F	5329	Romanogobio vladykovi			c	14000	14000	area	R	G	C	A	B	A
F	1146	Sabanejewia aurata			p	265000	265000	area	C	G	C	A	C	A
M	1335	Spermophilus citellus			p	3	3	colonies	V	M	C	B	C	B
R	1217	Testudo hermanni			p	3	3	grids1x1	V	P	C	B	C	C
I	4064	Theodoxus transversalis			p			i	V	M	C	A	C	C
A	1993	Triturus dobrogicus			p			grids1x1	P	DD	C	A	B	A
I	1032	Unio crassus			p	1294278	1294278	i	C	M	C	A	C	A

- **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

F		Alburnoides bipunctatus						C					X	
F		Alburnus alburnus						C						X
F		Barbus barbus						R					X	
A		Bufo viridis						P					X	
R		Coluber caspius						P					X	
R		Elaphe longissima						P					X	
F		Gobio gobio						C						X
A		Hyla arborea						P					X	
R		Lacerta viridis						C					X	
F		Leuciscus cephalus						C						X
F		Leuciscus idus						R						X
R		Natrix tessellata						P					X	
F		Neogobius fluviatilis						R						X
F		Noemacheilus barbatulus						R			X			
A		Pelobates fuscus						P					X	
F		Perca fluviatilis						R						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
N20	5.0
N08	1.0
N06	5.0
N14	77.0
N10	10.0
N16	2.0
Total Habitat Cover	100

Other Site Characteristics

The Lom river has fresh water rubble bottom and embankment along whole course of the river. There is no dams and sources of polution. Preserved natural forest vegetation and disturbed grassland and pastures.

4.2 Quality and importance

On the right slope of asymmetric Lom valley there is preserved mixed forest of Pannonian-Balkanic turkey oak-sessile oak forests (91MO) but on the left slope there is Lowland hay meadows (Alopecurus pratensis, Sanguisorba officinalis 6510). Near the village of Rogletz the river has two channels which surround an island occupied with Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae) *91E0. In the river are well presented societies of rooted to the bottom macrophytes (Water courses of plain to mountain levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation - 3260). GPS - N 23 40`32`` E 022 55`57``.The river forms a lot of islands near Kriva bara occupied with Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae) *91E0. On the right bank of the river there are preserved mixed forest Pannonian-Balkanic turkey oak-sessile oak forests (91MO). In front of

Vasiliovtzi village there is a Moesian silver lime woods (91Z0) with high conservational value. Reka Lom se harakterizira s mnogo bogat vidov sastav na ihtiofaunata i mnogo dobro sastoianie na populaciite na otdelnite vidove. Ustanoveni sa obshto 17 vida ribi, ot koito 4 sa vkliucheni v Prilojenie 2 na Direktiva 92/43.

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	A09		i
H	E03.01		o
H	A04		i
L	A03		o
H	A04		o
H	E03.01		i
M	F03.02.03		i
M	J02.05.02		i
L	A08		o
L	A08		i
M	E03.02		i
L	F02.03		i
L	A09		o
L	E01.03		i
M	A03		i

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside /outside [i|o|b]
L	F02.03		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 World Wild Fund, DCP, Bulgarian Projects/Natura 2000; 67 Tsanko Tserkovski Str., Entr. A, App.3, 1421 Sofia, Bulgaria; www.panda.org/dcpo ; Tihomir Roussinov Stefanov - National Museum of Natural History, BAS, tisho@nmnh.bas.bg 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).Site-specific Conservation Objectives for Natura 2000 site BG0000503;

Link(s): http://natura2000.moew.government.bg/Home/ProtectedSite?code=BG0000503&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: Montana
Address:	
Email:	

6.2 Management Plan(s):

An actual management plan does exist:

☐	Yes
☐	No, but in preparation
☒	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).