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 **BG0000426**

SITENAME **Reka Luda Yana**

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1. SITE IDENTIFICATION

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1.1 Type	1.2 Site code
B	BG0000426

1.3 Site name

Reka Luda Yana

1.4 First Compilation date	1.5 Update date
2005-09	2020-12

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:	2007-03
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).

2. SITE LOCATION

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2.1 Site-centre location [decimal degrees]:

Longitude	Latitude
24.354	42.3166

2.2 Area [ha]:

453.845

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
BG42	Южен централен / Yuzhen tsentralen

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
91E0			102.25		M	C	C	C	C
91M0			3.24		G	C	C	C	C

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				P	DD	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	D			
I	1088	Cerambyx cerdo			p				R	DD	C	C	C	C
F	1149	Cobitis taenia			p	10133	10133	i	R	G	C	C	B	A
R	1220	Emys orbicularis			p	1	1	localities	V	P	C	A	C	B
I	1083	Lucanus cervus			p				R	DD	D			
M	1355	Lutra lutra			p	3	5	i		G	C	C	C	C
I	1089	Morimus funereus			p				R	DD	D			
M	1316	Myotis capaccinii			p				P	DD	D			
I	4022	Probaticus subrugosus			p				V	DD	C	C	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	9356	9356	i	C	G	C	B	C	B
I	1087	Rosalia alpina			p				V	DD	D			
M	1335	Spermophilus citellus			p	1	1	colonies	V	G	C	C	C	C
R	1219	Testudo graeca			p	1	1	localities	V	P	C	C	C	C
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			i	R	M	C	C	C	C
M	2635	Vormela peregusna			p				P	DD	C	C	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		Coluber caspius						C					X	
R		Coronella austriaca						V						X
M		Crocidura leucodon						C					X	
M		Crocidura suaveolens						C					X	
M		Dryomys nitedula						P					X	
R		Elaphe longissima						P					X	
I		Erebia medusa						P						X
M		Erinaceus concolor						C			X			
M		Felis silvestris						C			X			
F		Gobio gobio						C						X
A		Hyla arborea						C					X	
R		Lacerta trilineata						R					X	
R		Lacerta viridis						C					X	
F		Leuciscus cephalus						C						X
I		Melitaea trivia						P						X
M		Micromys minutus						P					X	
M		Muscardinus avellanarius						P			X			
M		Mustela nivalis						C			X			
M		Nannospalax leucodon						P					X	
R		Natrix tessellata						P					X	
M		Neomys anomalus						C					X	
I		Nymphalis xanthomelas						P						X
A		Pelobates syriacus						P					X	
R		Podarcis muralis						C					X	
R		Podarcis taurica						C					X	
A		Rana dalmatina						C					X	
F		Rutilus rutilus						C						X
R		Vipera ammodytes						R					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
N07	10.0
N06	90.0
Total Habitat Cover	100

Other Site Characteristics

The middle and the lower reaches of the river Luda Yana. In the middle, the bottom is sandy-clay, but in the lower reaches - slimy. The waterside is considerable reedy also in the lower reaches of the river. The river rises from a peak in the Sushtinska Sredna gora Mountains (1449 m). Its upper current runs along a deep afforested valley. Near the town of Panagyurishte it enters a valley widening and after that runs back along a defile valley. The contemporary erosion and denudation are very intensive, especially near the deforested mountainous slopes near Panagyurishte. Water is used for irrigating, and part of it is lost in the alluvial deposits, so the river dries out almost every year.The site comprises the part of the river running along the Sredna gora Mountains, a plain area and the place where the river flows into the Maritsa river. It is an important bio-corridor, linking the mountain with the Maritsa river. The areas around the river are highly urbanized but the river valley is relatively well preserved.

4.2 Quality and importance

The Biodiversity is strongly influenced from negative antropogeneus impacts. At the moment the site can't answer on requirements of Natura 2000. After strongly natural protection, the waterside migth be apply as ecocorridot between the Gradna Gora and the river Maritsa. The site is an important bio-corridor, linking the mountain with the Maritsa river.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]
L	A03		i
M	F02.03		i
H	E03.02		i
L	C01.01		i
M	E03.01		i
H	E03		i
L	A08		i
M	E01		i
M	A04		i
M	A01		i
H	F03.01		i
L	B02.04		i
M	B01.02		i

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i|o|b]
M	E01		i
L	A09		i
M	A04		i

H	L08		i
H	C02		i
H	J02.04		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 S. Nozhdelov, G. Stoyanov - Green Balkans,office@greenbalkans.org; L. Pehlivanov, V. Biserkov - CLGE, 15 Y. Gagarin Str, Sofia; S. Shukerova, D. Kirin - Agricultural University, 12 Mendeleev str, Plovdiv; Z. Vakleva - University of Plovdiv, 24 Tz. Assen str, Plovdiv.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). 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=BG0000426&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 [%]
BG06	0.008667	BG00	99.99133		

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
BG06	Vodenicharska koriya	*	0.008667

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: Pazardzhik
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)

7. MAP OF THE SITES

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INSPIRE ID:

Map delivered as PDF in electronic format (optional)

- [ ] Yes
- [X] No

Reference(s) to the original map used for the digitalisation of the electronic boundaries (optional).