



# 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

<b>1.1 Type</b> B	<b>1.2 Site code</b> BG0000426	<a href="#">Back to top</a>
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### 1.3 Site name

Reka Luda Yana
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<b>1.4 First Compilation date</b> 2005-09	<b>1.5 Update date</b> 2021-11
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### 1.6 Respondent:

<b>Name/Organisation:</b>	Ministry of Environment and Water, "National Nature Protection Service" Directorate
<b>Address:</b>	Sofia Kn. Maria Luiza Blvd. 22 1000 Sofia
<b>Email:</b>	natura2000@moew.government.bg

### 1.7 Site indication and designation / classification dates

<b>Date site classified as SPA:</b>	0000-00
<b>National legal reference of SPA designation</b>	No data
<b>Date site proposed as SCI:</b>	2007-03
<b>Date site confirmed as SCI:</b>	2008-12
<b>Date site designated as SAC:</b>	No data
<b>National legal reference of SAC designation:</b>	No data
<b>Explanation(s):</b>	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

### 2.1 Site-centre location [decimal degrees]:

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Longitude

Latitude

## 2.2 Area [ha]:

453.8446

## 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

## 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
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	<a href="#">Barbastella barbastellus</a>			p				P	DD	D			
F	5088	<a href="#">Barbus cyclolepis</a>			p				C	DD	C	B	C	B
A	1188	<a href="#">Bombina bombina</a>			p			localities	P	DD	C	A	C	B
A	1193	<a href="#">Bombina variegata</a>			p			localities	P	DD	C	A	B	A
M	1352	<a href="#">Canis lupus</a>			p	0	1	i	P	M	D			
I	1088	<a href="#">Cerambyx cerdo</a>			p				R	DD	C	C	C	C
F	1149	<a href="#">Cobitis taenia</a>			p	10133	10133	i	R	G	C	C	B	A
R	1220	<a href="#">Emys orbicularis</a>			p	1	1	localities	V	P	C	A	C	B
I	1083	<a href="#">Lucanus cervus</a>			p				R	DD	D			



M		<a href="#">Muscardinus avellanarius</a>						P			X		
M		<a href="#">Mustela nivalis</a>						C			X		
M		<a href="#">Nannospalax leucodon</a>						P				X	
R		<a href="#">Natrix tessellata</a>						P				X	
M		<a href="#">Neomys anomalus</a>						C				X	
I		<a href="#">Nymphalis xanthomelas</a>						P					X
A		<a href="#">Pelobates syriacus</a>						P				X	
R		<a href="#">Podarcis muralis</a>						C				X	
R		<a href="#">Podarcis taurica</a>						C				X	
A		<a href="#">Rana dalmatina</a>						C				X	
F		<a href="#">Rutilus rutilus</a>						C					X
R		<a href="#">Vipera ammodytes</a>						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

### 4.1 General site character

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Habitat class	% Cover
N06	90.0
N07	10.0
<b>Total Habitat Cover</b>	<b>100</b>

### 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 antropogeneous impacts. At the moment the site can't answer on requirements of Natura 2000. After strongly natural protection, the waterside might be apply as ecocorridor 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 updated 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	Pollution (optional)	inside/outside

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

	[code]	[code]	[i o b]
M	F02.03		i
M	E01		i
H	C02		i
L	A08		i
L	B02.04		i
M	E03.01		i
M	A01		i
H	L08		i
L	A03		i
M	B01.02		i
H	E03.02		i
L	C01.01		i
H	J02.04		i
H	F03.01		i
M	A04		i
H	E03		i

	[code]	[code]	[i o b]
M	E01		i
M	A04		i
L	A09		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 Palearctic 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?](http://natura2000.moew.government.bg/Home/ProtectedSite?code=BG0000426&siteType=HabitatDirective)

[code=BG0000426&siteType=HabitatDirective](http://natura2000.moew.government.bg/Home/ProtectedSite?code=BG0000426&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 [%]
BG00	99.99133	BG06	0.008667		

## 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

### 6.1 Body(ies) responsible for the site management:

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Organisation:	Regional Inspectorate of Environment and Water: Pazardzhik
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
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### 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).