



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 BG0000168

SITENAME Ludogorie

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1. SITE IDENTIFICATION

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1.1 Type	1.2 Site code
B	BG0000168

1.3 Site name

Ludogorie

1.4 First Compilation date	1.5 Update date
2004-06	2018-12

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:	2007-10
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. 661/16.10.2007 (promulgated SG 85/2007).

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2. SITE LOCATION

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2.1 Site-centre location [decimal degrees]:

Longitude

26.7772

Latitude

43.8081

2.2 Area [ha]:

59447.4621

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

BG32	Северен централен / Severen tsentralen
BG32	Северен централен / Severen tsentralen
BG32	Северен централен / Severen 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
6110 B			3.2		M	B	C	B	B
6210 B			721.74		M	B	C	B	B
6240 B			417.14		M	C	B	C	C
6250 B			508.26		M	A	B	B	A
8310 B				28	G	B	C	B	B
9180 B			12.37		M	B	C	B	B
91G0 B			654.17		M	B	C	B	B
91I0 B			8433.96		M	B	A	A	A
91M0 B			4033.35		M	B	C	B	B
91Z0 B			4965.42		M	A	A	A	A

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	358	564	i	R	M	C	B	C	C
I	4011	Bolbelasmus unicornis			p				P	DD	B	B	C	B
A	1188	Bombina bombina			p			localities	P	DD	C	A	B	A
M	1352	Canis lupus			p	0	4	i	P	M	C	A	C	B
I	1088	Cerambyx cerdo			p	199897	294948	i	R	M	B	B	C	B
F	1149	Cobitis taenia			p	109730	109730	i	R	G	C	B	C	C
R	5194	Elaphe sauromates			p			localities	P	DD	C	A	C	B
R	1220	Emys orbicularis			p	4	4	localities	V	P	C	A	C	A
I	6169	Euphydryas maturna			p	14061	7030	i	R	P	A	A	A	A
I	6199	Euplagia quadripunctaria			p	3298	10932	i	V	P	C	B	C	A
I	1083	Lucanus cervus			p	435268	856255	i	C	M	C	A	C	B
M	1355	Lutra lutra			p	4	6	i		G	C	B	C	B
I	1060	Lycaena dispar			p	1356	2713	i	R	M	C	A	B	B
M	2609	Mesocricetus newtoni			p				V	DD	C	B	C	C
M	1310	Miniopterus schreibersii			p	51	100	i	R	G	C	B	C	C
I	1089	Mormus funereus			p	499180	579816	i	R	M	C	B	C	B
M	1323	Myotis bechsteinii			p	337	674	i	C	M	C	B	C	C
M	1307	Myotis blythii			p	51	100	i	C	G	C	B	C	C
M	1316	Myotis capaccinii			p	11	50	i	V	G	C	B	B	C
M	1321	Myotis emarginatus			p	11	50	i	V	G	C	B	C	C
M	1324	Myotis myotis			p	51	100	i	C	G	C	B	C	C
M	1305	Rhinolophus euryale			p	11	59	i	R	G	C	B	C	C
M	1304	Rhinolophus ferrumequinum			p	11	50	i	C	G	C	B	C	C

M	1303	Rhinolophus hipposideros			p	11	50	i	C	G	C	B	C	C
M	1302	Rhinolophus mehelyi			p				R	DD	D			
M	1335	Spermophilus citellus			p	14	14	colonies	C	G	C	A	C	A
R	1219	Testudo graeca			p	3	3	localities	V	P	C	A	C	A
R	1217	Testudo hermanni			p	1	1	localities	V	P	C	A	B	A
A	1993	Triturus dobrogicus			p			localities	P	DD	C	C	C	C
A	1171	Triturus karelinii			p			localities	P	DD	C	C	C	C
M	2635	Vormela peregusna			p				P	DD	C	B	C	B
M		Canis aureus							P					
M		Felis silvestris												

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 kitaibeli						P					X	
P		Anemone sylvestris						R			X			
A		Bufo viridis						P					X	
P		Cephalanthera damasonium						C					X	
M		Cervus elaphus						P						X
R		Coluber caspius						C					X	
R		Coronella austriaca						P					X	
P		Cyclamen hederifolium						R					X	
R		Elaphe longissima						C					X	
M		Eptesicus serotinus						C					X	

P		Galanthus elwesii						C					X	
A		Hyla arborea						P					X	
I		Hypodryas maturna						C					X	
M		Hypsugo savii						C					X	
R		Lacerta praticola						P						X
R		Lacerta trilineata						R					X	
R		Lacerta viridis						C					X	
M		Lepus capensis						P						X
P		Melampyrum bihariense						R			X			
R		Natrix tessellata						P					X	
M		Nyctalus leisleri						C					X	
M		Nyctalus noctula						C					X	
I		Nymphalis xanthomelas						C						X
P		Orchis purpurea						R					X	
I		Parnassius mnemosyne						C					X	
M		Pipistrellus nathusii						C					X	
M		Pipistrellus pipistrellus						C					X	
R		Podarcis muralis						C					X	
R		Podarcis taurica						P					X	
A		Rana dalmatina						P					X	
P		Veronica krumovii						C			X			
P		Vicia dumetorum						R			X			
P		Vicia pisiformis						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

4.1 General site character

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Habitat class	% Cover
N16	77.0
N15	6.0
N09	9.0
N19	3.0
N21	2.0
N20	3.0
Total Habitat Cover	100

Other Site Characteristics

Broadleaf forests and pastures in vast hilly agricultural landscape

4.2 Quality and importance

Natural and semi-natural xerotherme and xeromesophillous broad-lived lowland forests in Ludogorsko plateau. The biggest lowland forest massif in the country. Includes old natural forests. Zoological importance.

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	D01.02		b
L	F03.01		o
H	B01.02		i
L	E01.03		o
L	L09		b
M	B02.02		i
L	D02.02		i
L	D01.04		i
M	A04		i
L	D02.01		i
L	F04		i
M	A03		i
L	E03.01		i
L	E04.01		i
L	E05		i
L	D01.05		i

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]
L	D01.05		i
L	B02.01		i
H	F03.01		i
L	E04.01		i
L	B02.04		i
L	F04		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 Boris Nikolov, Alexander Dutsov, Stoyan Nikolov - Bulgarian Ornithological Centre, 1 Tsar Osvoboditel Blvd., 1000 Sofia; Ivan Marinov - Institute of Forestry. Initial data from CORINE HABITATS database. 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=BG0000168&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	99.63378144545183	BG06	0.2948850798123268	BG03	0.07133347475282065

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
BG06	Myushtereka	+	0.07548487447710503
BG03	Ostrata kanara	*	0.0018067893024476395
BG03	Topchijsko dere	*	0.06952668545037301
BG06	Karakuz	+	0.21940020533522175

5.3 Site designation (optional)

Only small parts of the site are protected - 75ha as a Protected Habitat and 79ha as three Natural Monuments.

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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Organisation:	Regional Inspectorate of Environment and Water: Ruse
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).

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