



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 BG0002062

SITENAME Ludogorie

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1. SITE IDENTIFICATION

1.1 Type A	1.2 Site code BG0002062	Back to top
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1.3 Site name

Ludogorie

1.4 First Compilation date 2005-10	1.5 Update date 2015-07
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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:	2007-03
National legal reference of SPA designation	Site classified as SPA by Council of Ministers Decision No. 122/02.03.2007 (promulgated SG 21/2007).
Explanation(s):	Site classified as SPA by Council of Ministers Decision No. 122/02.03.2007 (promulgated SG 21/2007). Issued designation order by the Minister of Environment and Water with prohibitions and restrictions on activities contradicting the conservation objectives of the site - Order No. RD - 837/17.11.2008 (promulgated SG 11/2009), amended by Order No. RD - 79/28.01.2013 (promulgated SG 10/2013).

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude
26.803055555555556

Latitude
43.809999999999995

2.2 Area [ha]:

91389.0638

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

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.
B	A402	Accipiter brevipes			r	1	1	p		G	C	A	C	B
B	A402	Accipiter brevipes			c		63	i		G	B	A	C	A
B	A085	Accipiter gentilis			p	12	12	p		G	B	A	C	C
B	A085	Accipiter gentilis			c		43	i		G	B	A	C	A
B	A086	Accipiter nisus			c		255	i		G	B	A	C	A
B	A086	Accipiter nisus			p	13	13	p		G	C	A	C	C
B	A168	Actitis hypoleucos			c				P	DD	C	B	C	C
B	A168	Actitis hypoleucos			r	1	1	p		G	C	B	C	C
B	A053	Anas platyrhynchos			c				P	DD	D			
B	A053	Anas platyrhynchos			p	3	22	p		G	D			
B	A255	Anthus campestris			r	30	78	p		G	B	A	C	B
B	A255	Anthus campestris			c		150	i		G	B	A	C	B
B	A090	Aquila clanga			c		3	i		G	B	A	C	B
B	A404	Aquila heliaca			c		5	i		G	B	A	C	A
B	A404	Aquila heliaca			p		1	p		G	B	B	C	B
B	A089	Aquila pomarina			r	6	6	p		G	C	A	C	A
B	A089	Aquila pomarina			c		7839	i		G	A	A	C	A
B	A028	Ardea cinerea			c		59	i		G	C	B	C	C
B	A029	Ardea purpurea			c				P	DD	C	B	C	C
B	A215	Bubo bubo			p	6	6	p		G	C	A	C	A
B	A133	Burhinus oedicnemus			c		1	i		G	C	B	B	C
B	A087	Buteo buteo			c		1505	i		G	B	A	C	C
B	A087	Buteo buteo			p	19	32	p		G	C	A	C	C
B	A403	Buteo rufinus			c		24	i		G	B	A	C	A

B	A242	Melanocorypha calandra			c		39	i		G	C	B	C	B
B	A230	Merops apiaster			c		7252	i		G	C	A	C	A
B	A230	Merops apiaster			r	700	700	p		G	C	A	C	A
B	A073	Milvus migrans			r	3	3	p		G	B	A	C	A
B	A073	Milvus migrans			c		40	i		G	B	A	C	A
B	A074	Milvus milvus			c		1	i		G	C	B	C	B
B	A077	Neophron percnopterus			c		1	i		G	B	A	C	A
B	A094	Pandion haliaetus			c		6	i		G	B	A	C	B
B	A020	Pelecanus crispus			c		318	i		G	C	B	C	C
B	A019	Pelecanus onocrotalus			c		90	i		G	B	A	C	A
B	A072	Pernis apivorus			c		1604	i		G	B	A	C	B
B	A072	Pernis apivorus			r	4	15	p		G	C	A	C	B
B	A017	Phalacrocorax carbo			c		8	i		G	C	B	C	B
B	A234	Picus canus			p	20	30	p		G	C	A	C	B
B	A034	Platalea leucorodia			c		1	i		G	C	A	C	B
B	A008	Podiceps nigricollis			c				P	DD	C	B	C	C
B	A008	Podiceps nigricollis			r	1	1	p		G	C	B	C	C
B	A118	Rallus aquaticus			c				P	DD	C	B	C	C
B	A118	Rallus aquaticus			p	5	5	p		G	C	B	C	C
B	A307	Sylvia nisoria			c				P	DD	C	B	C	A
B	A307	Sylvia nisoria			r	10	25	p		G	C	B	C	A
B	A004	Tachybaptus ruficollis			r	1	5	p		G	C	B	C	C
B	A397	Tadorna ferruginea			c				P	DD	B	A	C	A
B	A397	Tadorna ferruginea			r	13	13	p		G	B	A	C	A
B	A166	Tringa glareola			c		2	i		G	C	B	C	B
B	A165	Tringa ochropus			c		3	i		G	C	B	C	B
B	A142	Vanellus vanellus			c		5	i		G	C	B	B	C
B	A142	Vanellus vanellus			r	1	7	p		G	C	B	C	C

- **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
B	A247	Alauda arvensis			4400	4400	p						X	
B	A218	Athene noctua			30	30	p						X	
B	A366	Carduelis cannabina			70	70	p						X	
B	A363	Carduelis chloris			1350	1350	p						X	

B	A347	Corvus monedula			215	215	p								X
B	A113	Coturnix coturnix			1100	1100	p								X
B	A377	Emberiza cirlus			40	40	p								X
B	A382	Emberiza melanocephala			150	150	p								X
B	A269	Erithacus rubecula			9000	9000	p								X
B	A359	Fringilla coelebs			35000	35000	p								X
B	A244	Galerida cristata			450	450	p								X
B	A251	Hirundo rustica			2000	2000	p								X
B	A233	Jynx torquilla			75	75	p								X
B	A271	Luscinia megarhynchos			3000	3000	p								X
B	A383	Miliaria calandra			4500	4500	p								X
B	A214	Otus scops			60	60	p								X
B	A329	Parus caeruleus			340	340	p								X
B	A443	Parus lugubris			45	45	p								X
B	A235	Picus viridis			280	280	p								X
B	A276	Saxicola torquata			3	3	p								X
B	A210	Streptopelia turtur			410	410	p								X
B	A311	Sylvia atricapilla			3600	3600	p								X
B	A283	Turdus merula			7000	7000	p								X
B	A285	Turdus philomelos			5434	5434	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
N10	
N19	
N22	
N20	6.0
N16	47.0
N15	3.0
N12	34.0
N07	
N08	1.0
N06	
N23	2.0
N21	1.0
N09	6.0
Total Habitat Cover	NaN

Other Site Characteristics

The area corresponds to that of the geographic region of Ludogorie but covers also parts of western Dobrudzha. It is located in North-eastern Bulgaria. It includes the territories of 14 municipalities in the districts of Ruse, Silistra and Razgrad. The relief is plain-hilly with the typical forms of canyon-like dry riverbeds, loess surfaces and karst fields. Half of the areas territory is occupied by broadleaved forests and the other half by farmland with a small share of pastures. The forests are mixed Tilia tomentosa combined with Carpinus betulus or Quercus cerris, at places with Quercus dalechampii, Acer campestre. Coppice forests prevail. There are also big plots of artificial plantations of acacia Robinia pseudoacacia. The grass associations are xerothermal, dominated by Dichanthium ischaemum, Poa bulbosa, Poa concinna, Chrysopogon gryllus and ephemeral or meso-xerothermal species around the settlements.

4.2 Quality and importance

The area supports 115 bird species, mainly breeding ones, 22 of which are listed in the Red Data Book for Bulgaria (1985). Of the birds occurring there 51 species are of European conservation concern (SPEC) (BirdLife International, 2004), 2 of them being listed in category SPEC 1 as globally threatened (the Imperial Eagle Aquila heliaca and the Corncrake Crex crex), 18 in SPEC 2 and 32 in SPEC 3 as species threatened in Europe. The area provides suitable habitats for 31 species, included in Annex 2 of the Biodiversity Act, which need special conservation measures, of which 29 are listed also in Annex I of the Birds Directive. The Ludogorie is one of the most important site in the country on a European Union scale for the conservation of a complex of 9 species that breed there - Lesser Spotted Eagle Aquila pomarina, Black Kite Milvus migrans, Long-legged Buzzard Buteo rufinus, Ruddy Shelduck Tadorna ferruginea, Woodlark Lullula arborea, Ortolan Bunting Emberiza hortulana, Nightjar Caprimulgus europaeus, Roller Coracias garrulus and the Lesser Grey Shrike Lanius minor. Most of these species prefer borderline habitats between woodland and open areas or mosaic habitats. A lot of birds of prey also breed in Ludogorie in considerable numbers, using the forest and rocky dry river valleys for nesting and the grassland and arable land for feeding there.

4.3 Threats, pressures and activities with impacts on the site

4.4 Ownership (optional)

4.5 Documentation

Initial proposal and description of the site made by Viktor Vasilev - Bulgarian Society for the Protection of Birds, Bulgaria, 1111 Sofia, P.O.Box 50, phone (+359 2) 9715855, fax (+359 2) 9715856, www.bspb.org ; Jeko Spiridonov - Wilderness fund, (+359 2) 988 0914; 983 92 94, e-mail: office@wf-bg.org .Data revised by a team of Bulgarian Academy of Sciences (<http://www.bas.bg>).Documents: BDZP/BirdLife Balgariya. 2005. Nacionalna banka za ornitologichna informacia 1988-2005, Balgarsko Druzhestvo za zastita na pticite;Botev, B. and Tz. Peshev, (eds). 1985. Red Data Book of Republic Bulgaria. 2: Animals. Sofia: Bulgarian Academy of Science. (In Bulgarian.);Iankov, P. 2002.(red.). Svetovno zastrasheni vidove ptici v Bulgaria. Nacionalni planove za dejstvie za opazvaneto im. Chast 1. BDZP-MOSV, Prirodzashtitna poredica, Kn. 4, Sofia: 204-219.;MOSV. 2005. Arhiv na zastitenite teritorii v Balgaria. Baza danni (nepubl.);Petrov, C., P.Iankov, T. Michev, B. Milchev, L. Profirov. 1991. Razprostranenie, chislenost I merki za opazvane na chernia shturkel, Ciconia nigra (L.) v Bulgaria. Izv. Muz. IU. Bulgaria, T. 17, 25-32.;Simeonov, S., T. Michev. 1985. Suvremenno razprostranenie I chislenost na buhala (Bubo bubo(L.) v Bulgaria. Ekologia, 15, 60-65.; BirdLife International. 2000. Threatened birds of the world. Barcelona and Cambridge, UK: Lynx Edicions and BirdLife International, 695pp. Birdlife International. 2004. Birds in Europe: Population estimates, trends and conservation status. Cambridge, UK: Birdlife International (Birdlife Conservation Series No. 12).373pp.;BSPB/BirdLife International. 2005. World Bird Database Important Birds Areas.Bulgaria. Cambridge. (unpublished);Guidelines for evaluation of protected zones according, which include habitats for birds to art.7, par.3, under the art.6 par.1.3 and 1.4 of the Biodiversity Act. 2005. (In Bulgarian.);Kostadinova, I., M. Mihailov, (comp.) 2002. Guide for NATURA 2000 in Bulgaria. BSPB nature conservation series No5. BSPB, Sofia, 80pp. (In Bulgarian.);Kostadinova, I. 2005. Application of C criteria for Identification of Important Bird Areas of European Union importance in Bulgaria. Preliminary implementation and analysis of the gaps. In: Petrova, A. (ed.), Current state of Bulgarian biodiversity problems and perspectives. Pp. 533-548. Bulgarian Bioplatform, SofiaKouzmanov, G. 1996. L`Aigle pomarin Aquila pomarina en Bulgarie. In: Meyburg, B.-U. & R. D. Chancellor eds. Eagle Studies. World Working Group on Birds of Prey (WWGBP), Berlin, London & Paris, 319-326.;Michev, T., Tz. Petrov, L. Profirov. 1989. Status, breeding, distribution, numbers and conservation of the White Stork in Bulgaria;MOEW. 1998. CORINE Biotopes Database of the sites of European Importance for the biodiversity. Bulgaria, MOSV (nepubl.);Osieck, E. 2000 Filling in the requirements of the EU Birds Directive: Lessons from the Dutch Case. In: European IBA Workshop. 29 March - 2 April 2000, Brussels, Belgium. Proceedings. BirdLife International, 86-99;Shurulinkov, P., B. Nikolov, R. Tsonev. 2001. On the distribution of the Black-headed Bunting (Emberiza melanocephala) in Bulgaria. In.: Tryjanowski P., Osiejuk T., Kupczyk M. (Eds). Bunting studies in Europe. Bogucki Wyd. Nauk., Poznan, 81-87.Waliczky, Z. 2000 Important Bird Areas of European Union Importance: explanation of the EU Criteria applied in IBA 2000 In: European IBA Workshop. 29 March - 2 April 2000, Brussels, Belgium. Proceedings. BirdLife International, 12-16

Link(s): <http://natura2000.moew.government.bg/Home/ProtectedSite?code=BG0002062&siteType=BirdsDirective>

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
BG03	0.04	BG00	99.855	BG06	0.105

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
BG06	KARAKUZ	+	0.1
BG06	MYUSHTEREKA	+	0.005
BG03	OSTRATA KANARA	+	0.04

designated at international level:

Type	Site name	Type	Cover [%]
Other	IBA	=	100.0

5.3 Site designation (optional)

The territory of Ludogorie is not protected by the national nature conservation legislation. There are only three protected areas designated for preservation of typical landscapes, which cover much less than 1% of the sites territory. About 40% of the area is covered by Ludogorie CORINE Site, which was designated in 1998 because of its European value for rare and threatened habitats, plant and animal species, including birds. In 2005 it was designated also as Important Bird Area by BirdLife International.

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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Organisation:	Regional Inspectorate of Environment and Water -Ruse;Danubean River Basin Directorate;State Game-breeding Centers "Karakuz" ,"Seslav";Forestry Departments Isperih; Novi Pazar, Razgrad, Silistra;Hunting Departments "Voden"; "Iri Hisar"
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

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).