



# 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

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<b>1.1 Type</b> A	<b>1.2 Site code</b> BG0002062
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### 1.3 Site name

Ludogorie
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<b>1.4 First Compilation date</b> 2005-10	<b>1.5 Update date</b> 2015-07
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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 Maria Luiza Blvd. 22 1000 Sofia
<b>Email:</b>	r.dimova@moew.government.bg

### 1.7 Site indication and designation / classification dates

<b>Date site classified as SPA:</b>	2007-03
<b>National legal reference of SPA designation</b>	Site classified as SPA by Council of Ministers Decision No. 122/02.03.2007 (promulgated SG 21/2007).
<b>Explanation(s):</b>	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

### 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

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Species					Population in the site						Site assessment					
Group	Code	Scientific Name	S	NP	Type	Size		Unit	Cat.	Data quality	A B C D			A B C		
						Min	Max		C R V P		Pop.	Cons.	Isol.	Glob.		
B	A402	<a href="#">Accipiter brevipes</a>			c		63	i		G	B	A	C	A		
B	A402	<a href="#">Accipiter brevipes</a>			r	1	1	p		G	C	A	C	B		
B	A085	<a href="#">Accipiter gentilis</a>			c		43	i		G	B	A	C	A		
B	A085	<a href="#">Accipiter gentilis</a>			p	12	12	p		G	B	A	C	C		
B	A086	<a href="#">Accipiter nisus</a>			c		255	i		G	B	A	C	A		
B	A086	<a href="#">Accipiter nisus</a>			p	13	13	p		G	C	A	C	C		
B	A168	<a href="#">Actitis hypoleucos</a>			r	1	1	p		G	C	B	C	C		
B	A168	<a href="#">Actitis hypoleucos</a>			c				P	DD	C	B	C	C		
B	A053	<a href="#">Anas platyrhynchos</a>			c				P	DD	D					
B	A053	<a href="#">Anas platyrhynchos</a>			p	3	22	p		G	D					
B	A255	<a href="#">Anthus campestris</a>			c		150	i		G	B	A	C	B		
B	A255	<a href="#">Anthus campestris</a>			r	30	78	p		G	B	A	C	B		
B	A090	<a href="#">Aquila clanga</a>			c		3	i		G	B	A	C	B		
B	A404	<a href="#">Aquila heliaca</a>			p		1	p		G	B	B	C	B		
B	A404	<a href="#">Aquila heliaca</a>			c		5	i		G	B	A	C	A		

B	A089	<a href="#">Aquila pomarina</a>		r	6	6	p		G	C	A	C	A
B	A089	<a href="#">Aquila pomarina</a>		c		7839	i		G	A	A	C	A
B	A028	<a href="#">Ardea cinerea</a>		c		59	i		G	C	B	C	C
B	A029	<a href="#">Ardea purpurea</a>		c				P	DD	C	B	C	C
B	A215	<a href="#">Bubo bubo</a>		p	6	6	p		G	C	A	C	A
B	A133	<a href="#">Burhinus oedicnemus</a>		c		1	i		G	C	B	B	C
B	A087	<a href="#">Buteo buteo</a>		p	19	32	p		G	C	A	C	C
B	A087	<a href="#">Buteo buteo</a>		c		1505	i		G	B	A	C	C
B	A403	<a href="#">Buteo rufinus</a>		p	10	10	p		G	C	A	C	A
B	A403	<a href="#">Buteo rufinus</a>		c		24	i		G	B	A	C	A
B	A224	<a href="#">Caprimulgus europaeus</a>		c				C	DD	C	A	C	A
B	A224	<a href="#">Caprimulgus europaeus</a>		r	100	300	p		G	C	A	C	A
B	A031	<a href="#">Ciconia ciconia</a>		c		9165	i		G	B	A	C	B
B	A031	<a href="#">Ciconia ciconia</a>		r	29	29	p		G	C	A	C	B
B	A030	<a href="#">Ciconia nigra</a>		r	6	6	p		G	C	A	C	B
B	A030	<a href="#">Ciconia nigra</a>		c		116	i		G	C	A	C	B
B	A080	<a href="#">Circaetus gallicus</a>		r	5	8	p		G	C	A	C	C
B	A080	<a href="#">Circaetus gallicus</a>		c		21	i		G	C	A	C	C
B	A081	<a href="#">Circus aeruginosus</a>		c		312	i		G	B	A	C	A
B	A082	<a href="#">Circus cyaneus</a>		c		62	i		G	B	A	C	A
B	A083	<a href="#">Circus macrourus</a>		c		12	i		G	B	A	C	A
B	A084	<a href="#">Circus pygargus</a>		c		71	i		G	B	A	C	A
B	A084	<a href="#">Circus pygargus</a>		r		2	p		G	C	A	C	C
B	A231	<a href="#">Coracias garrulus</a>		c				P	DD	B	A	C	A
B	A231	<a href="#">Coracias garrulus</a>		r	10	20	p		G	B	A	C	A
B	A122	<a href="#">Crex crex</a>		c				P	DD	C	B	C	C
B	A122	<a href="#">Crex crex</a>		r	15	15	p		G	C	A	C	B
B	A238	<a href="#">Dendrocopos medius</a>		p	100	220	p		G	C	A	C	B
B	A429	<a href="#">Dendrocopos syriacus</a>		p	140	285	p		G	C	A	C	A
B	A236	<a href="#">Dryocopus martius</a>		p	20	40	p		G	C	B	C	C
B	A027	<a href="#">Egretta alba</a>		c		7	i		G	C	B	C	B
B	A379	<a href="#">Emberiza hortulana</a>		r	1690	1690	p		G	B	A	C	A
B	A379	<a href="#">Emberiza hortulana</a>		c				P	DD	B	A	C	A
B	A511	<a href="#">Falco cherrug</a>		c	1	2	i		G	B	B	B	B
B	A511	<a href="#">Falco cherrug</a>		r	1	1	p		G	A	B	B	A
B	A098	<a href="#">Falco columbarius</a>		c		3	i		G	B	A	C	A
B	A103	<a href="#">Falco peregrinus</a>		c		3	i		G	B	A	C	A
B	A099	<a href="#">Falco subbuteo</a>		r	6	6	p		G	B	A	C	C
B	A099	<a href="#">Falco subbuteo</a>		c		35	i		G	B	A	C	C
B	A096	<a href="#">Falco tinnunculus</a>		c		39	i		G	B	A	C	B

B	A096	<a href="#">Falco tinnunculus</a>			p	16	32	p		G	C	A	C	C
B	A097	<a href="#">Falco vespertinus</a>			c		175	i		G	B	A	C	A
B	A442	<a href="#">Ficedula semitorquata</a>			r	15	40	p		G	C	A	C	C
B	A442	<a href="#">Ficedula semitorquata</a>			c				P	DD	C	A	C	C
B	A123	<a href="#">Gallinula chloropus</a>			p	19	19	p		G	C	A	B	C
B	A123	<a href="#">Gallinula chloropus</a>			c				P	DD	C	A	B	C
B	A092	<a href="#">Hieraetus pennatus</a>			c		36	i		G	B	A	C	B
B	A092	<a href="#">Hieraetus pennatus</a>			r	3	3	p		G	B	A	C	B
B	A022	<a href="#">Ixobrychus minutus</a>			c				P	DD	C	B	C	C
B	A022	<a href="#">Ixobrychus minutus</a>			r	2	9	p		G	C	B	C	C
B	A338	<a href="#">Lanius collurio</a>			c				P	DD	C	A	C	B
B	A338	<a href="#">Lanius collurio</a>			r	2450	2450	p		G	C	A	C	B
B	A339	<a href="#">Lanius minor</a>			c				P	DD	B	A	C	A
B	A339	<a href="#">Lanius minor</a>			r	100	201	p		G	B	A	C	A
B	A246	<a href="#">Lullula arborea</a>			p	500	960	p		G	C	A	C	B
B	A242	<a href="#">Melanocorypha calandra</a>			c		39	i		G	C	B	C	B
B	A230	<a href="#">Merops apiaster</a>			c		7252	i		G	C	A	C	A
B	A230	<a href="#">Merops apiaster</a>			r	700	700	p		G	C	A	C	A
B	A073	<a href="#">Milvus migrans</a>			c		40	i		G	B	A	C	A
B	A073	<a href="#">Milvus migrans</a>			r	3	3	p		G	B	A	C	A
B	A074	<a href="#">Milvus milvus</a>			c		1	i		G	C	B	C	B
B	A077	<a href="#">Neophron percnopterus</a>			c		1	i		G	B	A	C	A
B	A094	<a href="#">Pandion haliaetus</a>			c		6	i		G	B	A	C	B
B	A020	<a href="#">Pelecanus crispus</a>			c		318	i		G	C	B	C	C
B	A019	<a href="#">Pelecanus onocrotalus</a>			c		90	i		G	B	A	C	A
B	A072	<a href="#">Pernis apivorus</a>			c		1604	i		G	B	A	C	B
B	A072	<a href="#">Pernis apivorus</a>			r	4	15	p		G	C	A	C	B
B	A017	<a href="#">Phalacrocorax carbo</a>			c		8	i		G	C	B	C	B
B	A234	<a href="#">Picus canus</a>			p	20	30	p		G	C	A	C	B
B	A034	<a href="#">Platalea leucorodia</a>			c		1	i		G	C	A	C	B
B	A008	<a href="#">Podiceps nigricollis</a>			r	1	1	p		G	C	B	C	C
B	A008	<a href="#">Podiceps nigricollis</a>			c				P	DD	C	B	C	C
B	A118	<a href="#">Rallus aquaticus</a>			c				P	DD	C	B	C	C
B	A118	<a href="#">Rallus aquaticus</a>			p	5	5	p		G	C	B	C	C
B	A307	<a href="#">Sylvia nisoria</a>			c				P	DD	C	B	C	A
B	A307	<a href="#">Sylvia nisoria</a>			r	10	25	p		G	C	B	C	A
B	A004	<a href="#">Tachybaptus ruficollis</a>			r	1	5	p		G	C	B	C	C
B	A397	<a href="#">Tadorna ferruginea</a>			r	13	13	p		G	B	A	C	A



**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	47.0
N23	2.0
N10	
N19	
N12	34.0
N09	6.0
N21	1.0
N08	1.0
N06	
N20	6.0
N22	
N07	
N15	3.0
<b>Total Habitat Cover</b>	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 area's 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.

### 4.5 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.bsrb.org](http://www.bsrb.org) ; Jeko Spiridonov - Wilderness fund, (+359 2) 988 0914; 983 92 94, e-mail: [office@wf-bg.org](mailto: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, Prirodoshitna 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, Sofia Kouzmanov, 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 [%]
BG06	0.105	BG03	0.04	BG00	99.855

### 5.2 Relation of the described site with other sites:

designated at national or regional level:

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

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 site's 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 Ispernih; 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                     |

**7. MAP OF THE SITES**

INSPIRE ID:

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Map delivered as PDF in electronic format (optional)

- |                          |     |                                     |    |
|--------------------------|-----|-------------------------------------|----|
| <input type="checkbox"/> | Yes | <input checked="" type="checkbox"/> | No |
|--------------------------|-----|-------------------------------------|----|

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