



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 BG0002028
SITENAME Kompleks Straldzha

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1. SITE IDENTIFICATION

1.1 Type A	1.2 Site code BG0002028	Back to top
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1.3 Site name

Kompleks Straldzha

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 - 550/05.09.2008 (promulgated SG 83/2008).

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude 26.78638888888889 **Latitude** 42.62222222222222

2.2 Area [ha]: 2872.9817 **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

BG34	Югоизточен / Yugoiztochen
BG34	Югоизточен / Yugoiztochen

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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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	B	C	C
B	A086	Accipiter nisus			p	5	5	p		G	A	A	C	A
B	A086	Accipiter nisus			w		1	i		G	A	A	C	A
B	A168	Actitis hypoleucos			c				P	DD	C	B	C	C
B	A168	Actitis hypoleucos			r	4	4	p		G	C	B	C	C
B	A229	Alcedo atthis			p	2	3	p		G	C	B	C	C
B	A054	Anas acuta			c	6	38	i		G	A	B	C	A
B	A054	Anas acuta			w		104	i		G	A	B	C	A
B	A056	Anas clypeata			c	105	215	i		G	A	B	C	B
B	A056	Anas clypeata			w	1	18	i		G	A	B	C	B
B	A052	Anas crecca			w		46	i		G	B	A	C	A
B	A052	Anas crecca			c	17	18	i		G	B	A	C	A
B	A050	Anas penelope			c	83	83	i		G	B	B	C	B
B	A050	Anas penelope			w	3	136	i		G	B	B	C	B
B	A053	Anas platyrhynchos			p	10	23	p		G	A	A	C	A
B	A053	Anas platyrhynchos			w	70	525	i		G	A	A	C	A
B	A053	Anas platyrhynchos			c	106	782	i		G	A	A	C	A
B	A055	Anas querquedula			c	30	540	i		G	C	B	C	B
B	A055	Anas querquedula			r	1	1	p		G	C	B	C	B
B	A051	Anas strepera			c				P	DD	C	B	C	C
B	A051	Anas strepera			w	1	2	i		G	C	B	C	C
B	A041	Anser albifrons			w		1	i		G	B	A	C	A
B	A043	Anser anser			w		14	i		G	C	A	C	B
B	A091	Aquila chrysaetos			c		1	i		G	C	B	C	C
B	A404	Aquila heliaca			c	1	1	i		G	C	B	C	C

B	A404	Aquila heliaca			r		1	i		G	C	B	C	C
B	A089	Aquila pomarina			r	2	2	i		G	C	B	C	C
B	A028	Ardea cinerea			w		16	i		G	C	B	C	C
B	A028	Ardea cinerea			c	2	86	i		G	C	B	C	C
B	A028	Ardea cinerea			r	1	9	p		G	C	B	C	C
B	A029	Ardea purpurea			c		1	i		G	C	B	C	C
B	A024	Ardeola ralloides			r		30	p		G	C	B	C	B
B	A024	Ardeola ralloides			c		1	i		G	C	B	C	C
B	A059	Aythya ferina			c	66	66	i		G	C	A	C	C
B	A059	Aythya ferina			w	9	282	i		G	C	A	C	C
B	A061	Aythya fuligula			c				P	DD	C	B	C	C
B	A061	Aythya fuligula			w		2	i		G	C	B	C	C
B	A060	Aythya nyroca			r	1	2	p		G	C	B	C	C
B	A021	Botaurus stellaris			p	1	5	p		G	B	B	C	A
B	A396	Branta ruficollis			w		9	i		G	C	A	C	B
B	A133	Burhinus oedicnemus			r	7	7	p		G	B	A	C	A
B	A087	Buteo buteo			r	2	5	i		G	D			
B	A087	Buteo buteo			w		9	i		G	D			
B	A403	Buteo rufinus			p	2	2	p		G	C	B	C	C
B	A149	Calidris alpina			w		15	i		G	C	B	C	C
B	A149	Calidris alpina			c				P	DD	C	B	C	C
B	A136	Charadrius dubius			r	9	38	p		G	C	B	C	C
B	A136	Charadrius dubius			c				P	DD	C	B	C	C
B	A137	Charadrius hiaticula			c				P	DD	C	B	C	C
B	A196	Chlidonias hybridus			c	10	10	i		G	C	B	C	C
B	A197	Chlidonias niger			c	5	5	i		G	C	B	C	C
B	A197	Chlidonias niger			r		10	i		G	C	B	C	C
B	A031	Ciconia ciconia			r	4	4	p		G	C	A	C	C
B	A031	Ciconia ciconia			c	152	152	i		G	C	A	C	C
B	A030	Ciconia nigra			c		1	i		G	C	B	C	C
B	A080	Circus gallicus			r	1	1	p		G	C	B	C	C
B	A081	Circus aeruginosus			w	1	1	i		G	C	A	C	C
B	A081	Circus aeruginosus			p	2	5	p		G	C	A	C	C
B	A082	Circus cyaneus			w		4	i		G	C	B	C	C
B	A084	Circus pygargus			r	5	6	p		G	B	A	C	A
B	A084	Circus pygargus			c	1	1	i		G	B	A	C	A
B	A231	Coracias garrulus			r	20	20	p		G	C	A	C	B
B	A122	Crex crex			r	21	21	p		G	C	A	C	A
B	A122	Crex crex			c	10	10	i		G	C	A	C	A
B	A037	Cygnus columbianus bewickii			w		8	i		G	C	B	C	C
B	A038	Cygnus cygnus			w		33	i		G	B	A	C	B
B	A036	Cygnus olor			c	51	51	i		G	B	A	C	B
B	A036	Cygnus olor			w		11	i		G	B	A	C	B
B	A429	Dendrocopos syriacus			p	10	14	p		G	C	A	C	C
B	A027	Egretta alba			c	8	11	i		G	B	A	C	B
B	A027	Egretta alba			w		80	i		G	B	A	C	B

B	A017	Phalacrocorax carbo			r	4	6	i		G	B	B	C	B
B	A393	Phalacrocorax pygmeus			c		3	i		G	C	B	C	C
B	A393	Phalacrocorax pygmeus			w	2	2	i		G	C	B	C	C
B	A034	Platalea leucorodia			c	11	11	i		G	C	B	C	C
B	A032	Plegadis falcinellus			r	4	12	p		G	C	B	C	C
B	A032	Plegadis falcinellus			c	75	75	i		G	C	B	C	C
B	A005	Podiceps cristatus			w		3	i		G	C	B	C	C
B	A005	Podiceps cristatus			c	3	11	i		G	C	B	C	C
B	A120	Porzana parva			r	3	4	p		G	B	B	C	B
B	A119	Porzana porzana			r	2	3	p		G	C	B	C	B
B	A118	Rallus aquaticus			c				P	DD	C	C	C	C
B	A118	Rallus aquaticus			p	20	20	p		G	C	C	C	C
B	A118	Rallus aquaticus			w				P	DD	C	C	C	C
B	A132	Recurvirostra avosetta			c	10	10	i		G	C	B	C	C
B	A190	Sterna caspia			c		1	i		G	C	B	C	C
B	A004	Tachybaptus ruficollis			w		2	i		G	C	B	C	C
B	A397	Tadorna ferruginea			w		1	i		G	C	B	C	C
B	A397	Tadorna ferruginea			r	1	1	p		G	B	A	C	A
B	A048	Tadorna tadorna			w	2	6	i		G	C	B	C	C
B	A048	Tadorna tadorna			c				P	DD	C	B	C	C
B	A161	Tringa erythropus			c				P	DD	C	B	C	C
B	A164	Tringa nebularia			c				P	DD	C	B	C	C
B	A165	Tringa ochropus			w		1	i		G	C	B	C	C
B	A165	Tringa ochropus			c				P	DD	C	B	C	C
B	A163	Tringa stagnatilis			c		1	i		G	C	B	C	C
B	A162	Tringa totanus			c	1	20	i		G	C	B	C	C
B	A142	Vanellus vanellus			w	21	1000	i		G	A	B	C	A
B	A142	Vanellus vanellus			r	5	6	p		G	A	B	C	A
B	A142	Vanellus vanellus			c	23	60	i		G	A	B	C	A

- **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			15	15	p						X	
B	A366	Carduelis cannabina						P					X	
B	A363	Carduelis chloris						P					X	

B	A113	Coturnix coturnix			20	20	p							X	
B	A382	Emberiza melanocephala			5	5	p							X	
B	A269	Erithacus rubecula						P						X	
B	A359	Fringilla coelebs						P						X	
B	A244	Galerida cristata			1	1	p							X	
B	A251	Hirundo rustica			70	70	p							X	
B	A383	Miliaria calandra			63	63	p							X	
B	A214	Otus scops			3	3	p							X	
B	A235	Picus viridis			1	1	p							X	
B	A210	Streptopelia turtur			40	40	p							X	
B	A283	Turdus merula			11	11	p							X	
B	A284	Turdus pilaris			10	10	i							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	11.0
N23	3.0
N07	1.0
N08	1.0
N09	18.0
N10	10.0
N12	56.0
N15	
Total Habitat Cover	NaN

Other Site Characteristics

Straldzha Marsh complex includes Tserkovski water reservoir with an area of about 180 ha and the nearby wet meadows and marshy areas, remnants of the eastern part of the former Straldzha Marsh (the biggest marsh in the countrys interior in the past). It is located 1-2 km south of the Burgas - Sofia main road, in its section south of the village of Venets. The reservoir itself is an open water basin, the eastern part of which is partially overgrown with hygrophite vegetation, dominated by reed Typha spp.. It is surrounded by a low hill to the north (234.6 m altitude) and plain arable lands to the south (with about 140 m altitude). Lower terrain, occupied by wet meadows, marshy areas with a system of drainage canals and small temporary water pools in rainy spring, stretch to the west of the reservoir. The wet meadows are overgrown with mesophyte grass vegetation, dominated by Carex spp., Poa pratensis, Poa sylvicola, Lolium perenne, etc. (Bondev 1991). Strips of poplar Populus spp., Acacia Robinia pseudoacacia and some other culture species form the only sections of tree vegetation in the region.

4.2 Quality and importance

Straldzha marsh was the biggest inland wetland in Bulgaria until the mid-1920s, when gradual drainage of the area started to take place. At that time species such as Dalmatian and White Pelicans Pelecanus crispus and P. onocrotatus, as well as Crane Grus grus bred there in considerable numbers. By the 1940s the wetland was completely drained, but in wet years considerable parts of it become flooded and overgrown with reeds. Nowadays Straldzha Marsh Complex supports 143 bird species, 50 of which are listed in the Red Data Book for Bulgaria (1985). Of the birds occurring there 70 species are of European conservation concern (SPEC) (BirdLife International, 2004), 6 of them

being listed in category SPEC 1 as globally threatened, 20 in SPEC 2 and 44 in SPEC 3 as species threatened in Europe. The area provides suitable habitats for 55 species included in Annex 2 of the Biodiversity Act, which need special conservation measures, of which 50 are listed also in Annex I of the Birds Directive. The reservoir is a site with international importance for migrating and wintering waterfowl. Regularly more than 20,000 waterfowl of 30 species concentrate there. It is a site of international importance for wintering White-fronted Goose *Anser albifrons*, the globally threatened Red-breasted Goose *Branta ruficollis*, and the Mallard *Anas platyrhynchos*. The wet meadows host significant breeding populations of the globally threatened Corncrake *Crex crex*, the crakes *Porzana parva* and *P. porzana* and Montagu's Harrier *Circus pygargus*, while during migration the reservoir is a concentration point for various waterfowl, including White Pelican, Glossy Ibis *Plegadis falcinellus*, Spoonbill *Platalea leucorodia*, etc.

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	A04		i
M	C01.01.01		i
M	F03.01		o
L	A05.02		o
M	F03.01		i
M	C01.01.01		o
L	H05		i
M	D02.01		o
M	C01.01		i
L	J02.01.03		i
L	A05.02		i
L	A05.01		o
L	J01		i
L	A10		i
L	D01.02		o
L	D01.04		o
L	A05.01		i
L	J01		o
L	C01.03		i
M	J02		i
L	J02.10		i
M	J02.01.02		i
L	D02.01		i
M	A01		o
M	A03		o
M	C01.01		o
M	A04		o
L	A01		i
M	H05		o
M	A10		o
M	A03		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

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside /outside [i o b]
L	A05.02		i
L	A05.02		o
M	A04		i
L	A05.01		i
M	A04		o
L	A05.01		o
L	C01.03		i

4.4 Ownership (optional)

4.5 Documentation

Initial proposal and description of the site made by Dr. Petar Iankov, Tihomir Stefanov, Dr. Ventseslav Delov - 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 .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;Bondev, I. 1991. Rastitelnostta na Balgariya. S. Universitetsko izdatelstvo Sv. Kliment Ohridski, 183 s.;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 ptitsi v Balgariya. Natsionalni planove za deystvie za

opazvaneto im. Chast 1. BDZP-MOSV, Prirodozashtitna poreditsa, Kn. 4, Sofiya: 204-219.;Iankov, P. 2004 Svedeniya za redki I zastrasheni vidove ptitsi ot Karnobatskiya kray. V: Prirodata na Karnobatskiya kray, T. 1. Obshtina Karnobat, Istoricheski muzey, Izd. Zograf, 28-38.; Kostadinova, I. (sast.) 1997. Ornitologichno vazhni mesta v Bulgariya. BDZP, Prirodozashtitna poreditsa. Kniga 1, BDZP, Sofiya, 176 s.; Kostadinova, I., T. Stefanov, B. Petrov. 1999. Flora I fauna na rayona na bivsheto Straldzhansko blato, prirodozashtiten status I znachimi teritorii. Doklad na BDZP ¹ 1, Sofiya, BDZP, 62 s.;Nyagolov, K. 2004. Vidov sastav I status na ornitofaunata v Karnobatsko. V: Prirodata na Karnobatskiya kray, T. 1. Obshtina Karnobat, Istoricheski muzey, Izd. Zograf, 28-38.;Petkov, N. 1997b. Savremenno sastoyanie na belookata potapnitsa (Aythya nyroca) v Bulgariya. Diplomna rabota, Biologicheski Fakultet pri SU Sv. Kl. Ohridski, Sofiya, 104 s.;Petrov, .Tz 1997b. Belyat shtarkel (Ciconia ciconia) v Bulgariya. Prirodozashtitna poreditsa, Kniga 2, BDZP, Plovdiv.;Petrov, Tz., T. Michev. 1985. Gnezdovo razprostranenie, chislenost I opazvane na trastikoviya blatar, Circus aeruginosus (Linnaeus, 1758) v Bulgariya. V: Mezhd. Simp. Po proekt 8-MAB (YUNESKO). Opazvane na prirodnite teritorii I sadarzhashtiya se v tyah genetichen fond. Tom I. Blagoevgrad, 23-28.09.1985 g. S., BAN: 306-313.;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).;BirdLife International. 2005. World Bird Database Important Birds Areas.Bulgaria. Cambridge. (unpublished);Heath, M.F. and Evans, M.I., eds. 2000. Important Bird Areas in Europe: Priority sites for conservation, vol. 2 Southern Europe. Cambridge, UK: BirdLife International (BirdLife Conservation Series No. 8).;Kostadinova, I., S.Dereliev. 2001. Results the Mid-Winter Counts of Waterbirds in Bulgaria for the period 1997- 2001. BSPB Conservation Series. Book 3, BSPB, Sofia, BG;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. Preliminarily implementation and analysis of the gaps. In: Petrova, A. (ed.), Current state of Bulgarian biodiversity problems and perspectives. Pp. 533-548. Bulgarian Bioplatform, Sofia;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;Petkov, N. 1998a. Current Status of the Ferruginous Duck (Aythya nyroca) in Bulgaria. Partimadar, 6-7, MME, Budapest, 4449.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=BG0002028&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 [%]
BG00	100.0				

5.2 Relation of the described site with other sites:

designated at international level:

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

5.3 Site designation (optional)

The area does not have legal protection under the national conservation legislation. In 1998 about 95% of the area was appointed as CORINE Site because of its European value for threatened plants and animals, including wintering waterbirds. In 1997 the area was appointed 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 Inspectorates of Environment and Water - Burgas and Stara Zagora;East-Aegean River Basin Directorate;
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 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).