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	**BG0002052**
SITENAME	**Yazovir Zhrebchevo**

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1. SITE IDENTIFICATION

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1.1 Type	1.2 Site code
A	BG0002052

1.3 Site name

Yazovir Zhrebchevo

1.4 First Compilation date	1.5 Update date
2005-10	2015-07

1.6 Respondent:

Name/Organisation:	Ministry of Environment and Water, "National Nature Protection Service" Directorate
Address:	Sofia Maria Luiza Blvd. 22 1000 Sofia
Email:	r.dimova@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 – 749/24.10.2008 (promulgated SG 97/2008).

2. SITE LOCATION

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2.1 Site-centre location [decimal degrees]:

Longitude
25.8764

Latitude
42.591

2.2 Area [ha]:

2513.0042

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

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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			
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	A086	Accipiter nisus			c				P	DD	D			
B	A086	Accipiter nisus			w		2	i		G	D			
B	A229	Alcedo atthis			w	2	2	i		G	C	B	C	C
B	A054	Anas acuta			w		1	i		G	C	B	C	C
B	A056	Anas clypeata			w		4	i		G	C	A	C	C
B	A052	Anas crecca			w	17	363	i		G	B	A	C	A
B	A052	Anas crecca			c	250	250	i		G	B	A	C	A
B	A050	Anas penelope			w	4	284	i		G	A	A	C	A
B	A053	Anas platyrhynchos			w	140	2194	i		G	B	A	C	A
B	A051	Anas strepera			w		4	i		G	C	A	C	C
B	A041	Anser albifrons			w		2200	i		G	B	A	C	A
B	A043	Anser anser			w		3	i		G	B	A	C	A
B	A028	Ardea cinerea			r	27	27	p		G	A	A	C	A
B	A028	Ardea cinerea			w	71	272	i		G	A	A	C	A
B	A059	Aythya ferina			w		69	i		G	B	A	C	B
B	A061	Aythya fuligula			w		38	i		G	C	A	C	C
B	A021	Botaurus stellaris			p	2	2	p		G	B	A	C	B
B	A021	Botaurus stellaris			w		1	i		G	C	A	C	C
B	A396	Branta ruficollis			w		36	i		G	C	B	C	C

B	A067	Bucephala clangula			w		14	i		G	C	A	C	C
B	A087	Buteo buteo			w	5	23	i		G	C	B	C	C
B	A403	Buteo rufinus			w		1	i		G	C	B	C	C
B	A144	Calidris alba			w		1	i		G	C	B	C	C
B	A081	Circus aeruginosus			p	2	3	p		G	C	A	C	A
B	A082	Circus cyaneus			w		2	i		G	C	B	C	C
B	A037	Cygnus columbianus bewickii			w		6	i		G	A	A	C	A
B	A038	Cygnus cygnus			w		53	i		G	B	B	C	B
B	A036	Cygnus olor			w		14	i		G	B	A	C	B
B	A027	Egretta alba			w	32	367	i		G	A	B	C	A
B	A096	Falco tinnunculus			w		1	i		G	D			
B	A097	Falco vespertinus			r	1	1	p		G	C	B	C	C
B	A125	Fulica atra			c	625	625	i		G	C	A	C	C
B	A125	Fulica atra			w		630	i		G	C	A	C	C
B	A153	Gallinago gallinago			w		10	i		G	B	A	C	A
B	A002	Gavia arctica			w		3	i		G	C	A	C	C
B	A075	Haliaeetus albicilla			p	1	1	p		G	B	A	C	A
B	A075	Haliaeetus albicilla			w	1	1	i		G	B	A	C	A
B	A184	Larus argentatus			w		8	i		G	C	A	C	B
B	A459	Larus cachinnans			c	44	44	i		G	B	A	C	A
B	A459	Larus cachinnans			w	2	178	i		G	B	A	C	A
B	A182	Larus canus			w		4	i		G	C	A	C	B
B	A179	Larus ridibundus			w	5	560	i		G	C	B	C	C
B	A179	Larus ridibundus			c	170	170	i		G	C	B	C	C
B	A068	Mergus albellus			w		18	i		G	B	A	C	B
B	A070	Mergus merganser			w		3	i		G	B	A	C	B
B	A069	Mergus serrator			w		3	i		G	C	B	C	C
B	A073	Milvus migrans			r	1	1	p		G	C	B	C	C
B	A160	Numenius arquata			w		1	i		G	C	A	C	A
B	A020	Pelecanus crispus			w		1	i		G	C	A	C	C
B	A017	Phalacrocorax carbo			c	181	181	i		G	C	B	C	C
B	A017	Phalacrocorax carbo			w	103	541	i		G	C	B	C	C
B	A393	Phalacrocorax pygmeus			w		15	i		G	C	A	C	C
B	A005	Podiceps cristatus			w		182	i		G	B	A	C	B
B	A005	Podiceps cristatus			c	15	15	i		G	B	A	C	B
B	A006	Podiceps grisegena			w		1	i		G	C	A	C	C
B	A008	Podiceps nigricollis			w		20	i		G	C	B	C	C
B	A118	Rallus aquaticus			w		1	i		G	C	B	C	C
B	A004	Tachybaptus ruficollis			w		29	i		G	C	B	C	C

B	A048	Tadorna tadorna			c	4	4	i		G	C	B	C	C
B	A048	Tadorna tadorna			w		7	i		G	C	A	C	C
B	A165	Tringa ochropus			w		5	i		G	C	B	C	C
B	A165	Tringa ochropus			c				P	DD	C	B	C	C
B	A142	Vanellus vanellus			w		36	i		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	A218	Athene noctua			1	1							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

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4.1 General site character

Habitat class	% Cover
N06	100.0
N12	
N08	
N09	
N23	
Total Habitat Cover	NaN

Other Site Characteristics

Zhrebchevo Reservoir is located in Southern Bulgaria, on the Tundzha river in the pre-Balkan plain south of Tvurditsa. The site includes the water body of the reservoir, which is about 14 km long, the adjacent flooded territories and the fishponds of Nikolaevo, located to the north-west. To the northe it borders on Hemus Highway and to the south ? on the hills of Surnena Gora. To the east it is limited by the hill of Mezhdenik and to the west ? by the Nova Zagora ? Veliko Turnovo road. The reservoir is used mainly for irrigation, but also for recreation and sports. Its northern part is shallower, with low banks and shallows with hygrophyte vegetation. To the south and east the reservoir is surrounded by forested hills. The fishponds are partly overgrown with water fringe vegetation.

4.2 Quality and importance

Zhrebchevo Reservoir is considered to be a site with international importance for the wintering waterfowl. Every year over 20,000 waterfowl of 33species concentrate there. The reservoir, together with the fishponds supports 77 bird species ? mainly wintering ones, 23 of which are listed in the Red Data Book for Bulgaria (1985). Of the birds occurring there 62 species are of European conservation concern (SPEC) (BirdLife International, 2004), 3 of them being listed in category SPEC 1 as globally threatened, 5 in SPEC 2 and 18 in SPEC 3 as species threatened in Europe. The area provides suitable habitats for 20 species, included in Annex 2 of the Biodiversity Act, which need special conservation measures, of which 16 are listed also in Annex I of the Birds Directive. The reservoir, together with the fishponds, is of international importance for the wintering Common Teal Anas crecca, Mallard Anas platyrhynchos, White-fronted Goose Anser albifrons and Great White Egret Egretta alba. It is one of the few places in the country where the globally threatened Red-Breasted Goose Branta ruficollis overwinter inland, far from the coastal areas. The White-tailed Eagle Haliaeetus albicilla regularly occurs in the area during the winter. During the breeding season the area is of a European Union importance for the Marsh Harrier Circus aeruginosus.

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]
L	E03.01		i
L	A07		o
L	E03		i
L	F01		i
M	F06		i
L	J02.01		i
L	J02.10		i
M	F02.01.02		i
L	J02.11		i
H	F02.03		i
L	G01		i
L	J02.01.03		i
L	H05		o
L	G05		i
L	G01.01		i
M	A02		o
L	D06		i
L	G02.08		i
L	H06.01		i
L	F03.01		o
L	A01		o
L	J02		i
H	F03.01		i

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i|o|b]
L	J02.11		i
L	A01		o

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

4.5 Documentation

Initial proposal and description of the site made by Dr. Petar Iankov, Ivailo Angelov - 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; 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, Prirodozashtitna poredica, Kn. 4, Sofia: 204-219.; Nikolov, Hr., S. Marin, A. Darakchiev. 1999. Malkiat kormoran v Bulgaria. Razprostranenie, chislenost I zaplahi. ? Nauch. Tr. Plov. Univ., Animalia, 35, 6, 67-81.; Petkov, N. 1997a. Kachulata potapnica (Aythya fuligula). ? Za pticite, 2 (esen/zima), 13.; 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.); Iankov, P., N. Petkov, A. Kovachev, D. Plachiisky. (in print). Pygmy Cormorant in Bulgaria 2001/2002. Final Report. 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 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; 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=BG0002052&siteType=BirdsDirective

5. SITE PROTECTION STATUS (optional)

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5.1 Designation types at national and regional level:

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
BG00	100.0				

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 by the national conservation legislation. In 2005 the area was designated as Important Bird Area by BirdLife International.

6. SITE MANAGEMENT

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6.1 Body(ies) responsible for the site management:

Organisation:	Regional Inspectorate of Environment and Water -Stara Zagora;East-Aegean River Basin Directorate;Forestry Departments - Gurkovo, Tvarditsa;
Address:	
Email:	

6.2 Management Plan(s):

An actual management plan does exist:

- [ ] Yes
- [X] No, but in preparation
- [ ] No

7. MAP OF THE SITES

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INSPIRE ID:

Map delivered as PDF in electronic format (optional)

[ ] Yes [X] No

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