



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 BG0000217
SITENAME Zhdreloto na reka Tundzha

TABLE OF CONTENTS

- [1. SITE IDENTIFICATION](#)
- [2. SITE LOCATION](#)
- [3. ECOLOGICAL INFORMATION](#)
- [4. SITE DESCRIPTION](#)
- [5. SITE PROTECTION STATUS](#)
- [6. SITE MANAGEMENT](#)
- [7. MAP OF THE SITE](#)

1. SITE IDENTIFICATION

[Back to top](#)

1.1 Type	1.2 Site code
B	BG0000217

1.3 Site name

Zhdreloto na reka Tundzha

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:	2007-03
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. 122/02.03.2007 (promulgated SG 21/2007).

[Back to top](#)

[Back to top](#)

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

[Back to top](#)**Longitude**

26.539166666666667

Latitude

41.961944444444445

2.2 Area [ha]:

7856.99

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**

BG42	Южен централен / Yuzhen tsentralen
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

[Back to top](#)

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 <i>i</i>			1.57		M	B	C	B	B
6210 <i>i</i>			23.4		M	B	C	A	B
6220 <i>i</i>			1330.59		M	A	B	A	B
62A0 <i>i</i>			13.48		G	B	C	A	B
8230 <i>i</i>			17.7		G	B	C	A	B
91AA <i>i</i>			446.47		M	B	C	B	B
91M0 <i>i</i>			133.65		M	D			
92A0 <i>i</i>			62.44		G	C	B	A	B

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.
F	1130	Aspius aspius			p	134	134	i	R	G	C	B	B	B
F	5088	Barbus cyclolepis			p				C	DD	C	A	C	A
A	1188	Bombina bombina			p			localities	P	DD	C	A	C	B
A	1193	Bombina variegata			p	1	1	localities	V	P	C	A	C	A
M	1352	Canis lupus			p	1	2	i	C	G	C	A	C	B
I	1088	Cerambyx cerdo			p				P	DD	C	C	C	C
F	1149	Cobitis taenia			p	39001	39001	i	R	G	C	C	C	A
I	4032	Dioszeghyana schmidtii			p	10968	13560	i	R	P	C	A	B	A
R	5194	Elaphe sauromates			p			localities	P	DD	C	A	C	A
R	1220	Emys orbicularis			p	5	5	localities	R	M	C	A	C	A
P	2327	Himantoglossum caprinum			p	463	463	i	R	G	C	B	C	B
I	1083	Lucanus cervus			p				P	DD	C	C	C	C
M	1355	Lutra lutra			p	3	5	i		G	C	A	C	A
R	1222	Mauremys caspica			p	1	1	localities	V	P	C	A	B	A
M	1310	Miniopterus schreibersii			p				P	DD	D			
I	1089	Morimus funereus			p				P	DD	C	C	C	C
M	2617	Myomimus roachi			p	0	1	localities	V	M	C	B	C	B
M	1307	Myotis blythii			p	51	100	i	P	M	C	B	C	C
M	1316	Myotis capaccinii			p				P	DD	D			
M	1321	Myotis emarginatus			p				P	DD	D			
M	1324	Myotis myotis			p	51	100	i	P	M	C	B	C	C
I	1037	Ophiogomphus cecilia			p	1	1	localities	R	G	C	A	B	A
M	1306	Rhinolophus blasii			p				P	DD	D			
M	1305	Rhinolophus euryale			p	51	100	i	P	M	C	B	C	C
M	1304	Rhinolophus ferrumequinum			p	51	100	i	R	M	C	B	C	C
M	1303	Rhinolophus hipposideros			p	51	100	i	P	M	C	B	C	C

M	1302	Rhinolophus mehelyi			p	11	50	i	P	P	C	C	C	C
F	5339	Rhodeus amarus			p	187740	187740	i	C	G	C	A	C	B
M	1335	Spermophilus citellus			p				P	DD	D			
R	1219	Testudo graeca			p	1	1	localities	V	P	C	A	C	A
R	1217	Testudo hermanni			p	15	15	localities	C	G	C	A	C	A
A	1171	Triturus karelinii			p	3	3	localities	V	P	C	A	C	B
I	1032	Unio crassus			p			i	R	M	C	B	C	B
M	2635	Vormela peregusna			p				P	DD	C	B	C	B

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
P		Alkanna primuliflora						R				X		
I		Apatura ilia						P						X
A		Bufo viridis						C					X	
P		Bupleurum odontites						V						X
F		Chondrostoma vardarense						C				X		
R		Coluber caspius						P					X	
R		Coluber najadum						C					X	
M		Cricetulus migratorius						P						X
R		Elaphe longissima						C					X	
M		Erinaceus concolor						C						X
R		Eryx jaculus						V						X
P		Fritillaria pontica						R			X			
A		Hyla arborea						C					X	

R		Lacerta trilineata						P					X	
R		Lacerta viridis						P					X	
M		Micromys minutus						P					X	
P		Moehringia grisebachii						V				X		
R		Natrix tessellata						P					X	
M		Neomys anomalus						P					X	
R		Ophisaurus apodus						P					X	
A		Pelobates syriacus balcanicus						P					X	
R		Podarcis taurica						C					X	
A		Rana dalmatina						R					X	
P		Scabiosa atropurpurea						V						X
F		Silurus glanis						C					X	
R		Typhlops vermicularis						P						X
P		Verbascum purpureum						R				X		
F		Vimba melanops						C				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

[Back to top](#)

Habitat class	% Cover
N06	1.0
N08	35.0
N15	29.0
N23	5.0
N19	1.0
N10	22.0
N16	7.0

Total Habitat Cover	100
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Other Site Characteristics

An extremely deforested area, cut by dense network of deep gorges and wide pastures and scrub fields. There are rocks along the river.

4.2 Quality and importance

The site is located along an important migratory route and is a suitable habitat for raptor birds. The species enlisted as 'Other species-D' are included in Annex III of the Bulgarian Biodiversity Act as protected species.

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	F02.03		i
L	J01		i
M	B01.02		i
M	L09		i
L	E03.01		o
L	D01.02		i
L	E03.01		i
M	F02.01.02		i
M	E06		i
M	L09		o
M	B02.02		i
L	J01		o
M	F03.01		i

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]
L	F02.03		i
M	E06		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 I. Ivanov, D. Georgiev, M. Angelov, D. Bechev -Green Balkans, Stara Zagora, D. Dobrev, A. Stoyanov - Institute of Zoology, 1 Tsar Osvoboditel Blvd., Sofia; N. Tsankov - Sofia, Faculty of Biology; S. Stoyanov - Institute of Botany, 23 Acad.G. Bonchev Str., Sofia. Initially listed publications: "Angelov A., 1963. Fauna of Bulgaria - invertebrates. Narodna Prosveta, 406 pp."Angelova V., Ts. Peshev, 1962/63. Small mammals from the South-Eastern parts of Bulgaria. Ann. Of Sofia Univ. (in Bulgarian)"Arnold E., J. Burton, D. Ovenden, 1992. A field guide to the Reptiles and Amphibians of Britain and Europe. Collins Publ., London, 272 pp."Beshkov V., 1993. Bats. National strategy for biodiversity conservation, 631 - 644. (in Bulgarian)"Cramp, St. 1983. Handbook of the Birds of Europe the Middle East and North Africa. The Birds of the Western Palearctic. Volume 4. Oxford University Press, 48-62 pp."Cramp, St., K E L Simmons et al. 1977 Handbook of the Birds of Europe the Middle East and North Africa. The Birds of the Western Palearctic. Volume I : Ostrich to Ducks. Oxford University Press."Darakchiev, A. 1988. Status, numbers and dinamique of the ornitofauna in the Stranndja-Sakar regione, Final report ¹ 11659 F 2, Plovdiv University, 41 pp." Delany S., C. Reyes, E. Hubert, S. Pihl, E. Rees, L. Haanstra, A. Strien, 1999. Results from the International Waterbird Census in the Westwrn Palearctic and Southwest Asia 1995 and 1996. Wetlands International Publication, ¹ 54, 178 pp."Dobrovolov, I., S. Dobrovolova, 1987. Electrophoretic characteristic of some representatives of Cobitis and Noemacheilus proteins in Bulgarian rivers. Ichthyological issues. P. 27. Issue 6. 913-918 pp. (in Russian)"Ivanova, P.P., I.S.Dobrovolov. 1999. Morphological and biochemical comparison of Sabanejewia aurata balcanica (Karaman, 1922) and Sabanejewia romanica (Bacescu, 1943), (Pisces, Cobitidae). Proceeding of Institute of Fisheries - Varna, V.25, 71-82 pp."Ivanova, P.P., I.S.Dobrovolov. 1999.

Morphological and electrophoretical comparison of some representatives of genus *Cobitus* Linne (Pisces). Comptes rendus de l'Academie bulgare des Sciences, v.52, 1 11-12, 79-82 pp."Ivanova, P.P., I.S.Dobrovolov. 2002. Morphological and biochemical-genetic comparison of *Cobitis albicollis* Chichkoff, 1932 populations (Pisces, Cobitidae) from Bulgaria. Acta zool. Bulg. 54 (3), 35-45 pp."Ivanova, P.P., I.S.Dobrovolov. 2003. Presence of *Cobitis elongata* (Pisces, Cobitidae) in Bulgarian freshwater. Journal of Ichthyology 43(1): 91-95 pp. (In Russian)."Karapetkova M., M. Zhivkov, 1995. Fish in Bulgaria. Sofia. "Gea Libris", 247 pp."Karapetkova, M., Zhivkov, M., Aleksandrova-Kolemanova K. 1993. Status and assessment of fish resources in Bulgaria. In: National Biodiversity Conservation Strategy. Volume I. Editor in charge: Marieta Sakalyan . 515-546 p."Kostadinova, I. (compiler), 1997. Important Bird Areas in Bulgaria. BSPB, Sofia."Kostadinova, I., S. Dereliev, 2001. Results from the midwinter census of waterfowl in Bulgaria for the period 1997-2001 year, Sofia. Macdonald D., P. Barret, 1993. Mammals of Britain & Europe. Collins field guide, Harper Collins Publ., London, 312 pp."Marin S., I Ivanov, D. Georgiev, Z. Boev, 2004. On the food of the Imperial Eagle (*Aquila heliaca*) in Sakar Mountain and Dervent Heights, Bulgaria. Raptors Worldwide, WWGBP/MME, Budapest, May - 2003, p. 589-592."Markov G., 1960. Contribution to research on hamsters (Cricetidae) in Bulgaria. Bull. Ins. Zool. Mus., 9: 239-304. (in Bulgarian)"Markov G., 1964. Insectivores and Rodents in Tracia. Fauna of Tracia, Voll. 1, BAS, 19-53. (in Bulgarian)"Markov G., 1974. Insectivores and Rodents of Middle and Eastern Stara Planina Mountains. Bull. Ins. Zool. Mus., 41: 11-22. (in Bulgarian)"Michev, T., L. Profirov. 2003. Mid-winter Numbers of Waterbirds in Bulgaria (1977-2001). Results from 25 years of mid-winter counts carried out at the most important Bulgarian wetlands. Sofia - Moscow." Mihov S., 2002. Field guide of amphibians in Bulgaria, Bourgas Wetlands, 45 pp."Nankinov, D., S. Simeonov, T. Michev, B. Ivanov. 1997. Fauna of Bulgaria. Vol. 26: Aves, Part 22. Sofia, Academic Publishing House "Prof. M. Drinov"."Ornithological database of Green Balkans Federation of Nature Conservation NGOs. "Patev, P. 1950. Birds in Bulgaria. BAS, Sofia, 364 pp. "Peshev Ts, T. Dinev, B. Angelova, 1960. *Myomimus personatus* Ogn - a new rodent species for the European fauna. Bull. Ins. Zool. Mus., 9: 305-314. (in Bulgarian)"Popov V., 1993. Small mammals. National strategy for biodiversity conservation, 615 - 630. (in Bulgarian)"Popov V., K. Njagolov, 1991. A new record of *Suncus etruscus* (Savi, 1822) (Mammalia, Soricidae) for Bulgaria. Acta Zool. Bulg., 41: 69-71."Roche J., 2000. Die Vogelstimmen Europas auf 4 CDs - Rufe und Gesänge. "Kosmos"."Simeonov S., T. Michev. 1991. Birds of the Balkan Peninsula. Peter Beron, Sofia, 245 pp."Simeonov, S., T. Michev, 1991. The birds of the Balkan Peninsula. "Peter Beron", Sofia, 249 pp."Simeonov, S., T. Michev, D. Nankinov. 1990. Fauna in Bulgaria. Vol. 20 Aves. Part 2. S., BAS, 350 pp."Spiridonov G., N. Spassov, 1989. Otter (*Lutra lutra* L., 1758) in Bulgaria, status and conservation. Hist. Natur. Bul., 1:57-64."Spiridonov G., N. Spassov, 1993. Large mammals. National strategy for biodiversity conservation, 645 - 663. (in Bulgarian)"Spiridonov G., NNPS, Ministry of Environment; Meshinev T., Velchev V., Apostolova I., Inst. Of Botany, BASci.; Iankov P., BSPB/BirdLife-Bulgaria; Inst. Of Zoology, BASci., 1996. CORINE Biotopes Database"Swensson L., 1992. Identification guide to European Passerines. Stockholm."Swensson L., P. Grant, 2000. Bird guide. Harper Collins Publishers, London, 392 pp. "Tsvetkov V., at al. 1969. Wild birds. Barn Owl. S., Zemizdat, p. 60-61. (in Bulgarian)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=BG0000217&siteType=HabitatDirective>

5. SITE PROTECTION STATUS (optional)

[Back to top](#)

5.1 Designation types at national and regional level:

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

5.2 Relation of the described site with other sites:

5.3 Site designation (optional)

6. SITE MANAGEMENT

[Back to top](#)

6.1 Body(ies) responsible for the site management:

Organisation:	Regional Inspectorate of Environment and Water: Stara Zagora, Haskovo
Address:	
Email:	

6.2 Management Plan(s):

An actual management plan does exist:

- ☐ Yes
- ☐ No, but in preparation
- ☒ No

6.3 Conservation measures (optional)

There is a proposal for designating the site as a Protected Area. So far no Management Plan has been complied.

7. MAP OF THE SITES

[Back to top](#)

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).