



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 BG0000192
SITENAME Reka Tundzha 1

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

1.1 Type B	1.2 Site code BG0000192	Back to top
---------------	----------------------------	-----------------------------

1.3 Site name

Reka Tundzha 1

1.4 First Compilation date 2004-10	1.5 Update date 2021-11
---------------------------------------	----------------------------

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:	2021-03
National legal reference of SAC designation:	Designation Order No. RD - 317/ 31.03.2021 (promulgated SG 51 /2021) issued by the Minister of Environment and Water.
Explanation(s):	Adopted by Council of Ministers Decision No. 122/02.03.2007 (promulgated SG 21/2007). Extended by Council of Ministers Decision No. 811/16.11.2010 (promulgated SG 96/2010). Issued by the Minister of Environment and Water designation Order No. RD - 317/ 31.03.2021 (promulgated SG 51/2021) with prohibitions and restrictions on activities contradicting the conservation objectives of the site.

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

[Back to top](#)

Longitude

26.245

Latitude

42.617

2.2 Area [ha]:

9502.9974

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
BG34	Югоизточен / Yugoiztochen

2.6 Biogeographical Region(s)Continental (100.0
%)

3. ECOLOGICAL INFORMATION

[Back to top](#)**3.1 Habitat types present on the site and assessment for them**

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
1530 B			770.37		G	A	B	A	A
3150 B			285.4		G	B	C	C	B
3260 B			304.99		G	B	B	C	B
3270 B			34.26		G	C	C	C	C
6110 B			0.65			D			
6210 B			78.55		G	B	C	B	B
62A0 B			5.49		G	C	C	B	C
6430 B			14.54		G	A	C	B	B
6510 B			425.77		M	A	B	B	B
7230 B			5.82		M	B	B	B	B
8230 B			8.38		M	B	C	B	B
91E0 B			161.82		M	A	C	B	A
91F0 B			458.22		M	A	B	C	B
91M0 B			20.16		G	A	C	C	C
92A0 B			26.39		G	A	C	C	C

- **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.
I	1093	Austropotamobius torrentium			p			i	C	M	C	A	C	A
M	1308	Barbastella barbastellus			p	11	50	i	V	M	C	B	C	C
F	5088	Barbus cyclolepis			p				C	DD	C	B	C	B
A	1188	Bombina bombina			p	3	3	localities	V	P	C	A	C	B
M	1352	Canis lupus			p		2	i	P	M	D			
I	1088	Cerambyx cerdo			p				R	DD	C	B	C	B
F	1149	Cobitis taenia			p	63539	63539	i	C	G	C	C	B	A
I	4045	Coenagrion ornatum			p	10	10	localities	R	G	C	A	C	A
P	4103	Dactylorhiza kalopissii			p	200	250	i		G	A	B	B	A
R	5194	Elaphe sauromates			p			localities	P	DD	C	A	C	A
R	1220	Emys orbicularis			p	4	4	localities	V	P	C	A	C	A
I	1083	Lucanus cervus			p				R	DD	C	C	C	C
M	1355	Lutra lutra			p	25	30	i		G	C	A	C	A
M	1310	Miniopterus schreibersii			p	51	100	i	P	M	C	B	C	C
I	1089	Morimus funereus			p				R	DD	C	B	C	B
M	1323	Myotis bechsteinii			p	11	50	i	V	M	C	B	C	C
M	1307	Myotis blythii			p	11	50	i	P	M	C	B	C	C
M	1316	Myotis capaccinii			p	11	50	i	P	M	C	B	C	C
M	1321	Myotis emarginatus			p	11	50	i	P	M	C	B	C	C
M	1324	Myotis myotis			p	11	50	i	P	M	C	B	C	C
I	1037	Ophiogomphus cecilia			p	6	6	localities	R	G	C	A	C	A
M	1306	Rhinolophus blasii			p				P	DD	D			
M	1305	Rhinolophus euryale			p	11	50	i	P	M	C	B	C	C
M	1304	Rhinolophus ferrumequinum			p	51	100	i	P	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	R	P	C	C	C	C
F	5339	Rhodeus amarus			p	171380	171380	i	C	G	C	A	C	A
M	1335	Spermophilus citellus			p	4	5	colonies	C	G	C	A	C	A
R	1219	Testudo graeca			p			localities	P	DD	C	A	C	A
R	1217	Testudo hermanni			p			localities	P	DD	C	B	C	A
A	1171	Triturus karelinii			p			localities	P	DD	C	A	C	B
I	1032	Unio crassus			p	3950	3950	i	R	M	C	A	C	B
M	2635	Vormela peregrusna			p	3	3	localities	P	M	C	A	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
A		Bufo viridis						P					X	
P		Camphorosma monspeliaca						V						X
F		Chondrostoma vardareense						P				X		
P		Chrysopogon gryllus						C						X
R		Coluber caspius						P					X	
M		Crocidura leucodon						C					X	
M		Crocidura suaveolens						C					X	
M		Erinaceus concolor						C						X
I		Glaucopsyche alexis						C						X
M		Glis glis						P					X	
A		Hyla arborea						C					X	
R		Lacerta trilineata						C					X	
R		Lacerta viridis						C					X	
M		Meles meles						C					X	
I		Melitaea aurelia						P						X
M		Micromys minutus						P					X	
M		Muscardinus avellanarius						C						X
R		Natrix tessellata						C					X	
I		Neptis sappho						P						X
I		Parnassius mnemosyne						C					X	
A		Pelobates syriacus						C					X	
I		Pieris ergane						C						X
P		Pistacia terebinthus						V						X
R		Podarcis taurica						C					X	
P		Populus nigra						R						X
I		Pseudophilotes vicrama						C						X
I		Pyrgus cinarae						C						X
A		Rana dalmatina						C					X	
I		Scolitantides orion						C					X	
M		Suncus etruscus						P						X
I		Thymelicus acteon						C						X
F		Vimba melanops						P				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	3.0
N17	2.0
N19	5.0
N25	70.0
N15	13.0
N23	2.0
N16	4.0
N09	1.0
Total Habitat Cover	100

Other Site Characteristics

The bigger part of the river is diked. The site includes several ponds, old river-beds and pastures along the river. The "Elaka" place is a preserved locality of the target species *Liparis loeselii* and *Dactylorhiza kalopissii*, as well as refugium of hydrophilic vegetation: floodplain forests, meadows and alkaline marshes - habitat types 91E0 * Alluvial forests with *Alnus glutinosa* and *Fraxinus excelsior* (Alno-Padion, Alnion incanae, Salicion albae); 6510 Lowland hay meadows (*Alopecurus pratensis*, *Sanguisorba officinalis*); 6410 Molinia meadows on calcareous, peaty or clay-silt-laden soils (*Molinion caeruleae*); 7230 Alkaline fens.

4.2 Quality and importance

The data on wintering *Phalacrocorax pygmeus* dates back to 1999, after that the roosting site in the town of Jambol doesn't exist. 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]
H	C01.01		i
M	A03		i
M	F03.02.03		i
M	F03.01		o
M	A04		o
M	F03.01		i
M	F03.02.03		o
M	A04		i
M	A03		o

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside /outside [i o b]

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 Federation, Stara Zagora; G. Hinkov, Tsv. Zlatanov - Forest Research Institute, BAS. 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 1 : Ostrich to Ducks. Oxford University Press." "Darakchiev, A. 1988. Status, numbers and dynamics of the ornithofauna in the Strandzha-Sakar region, 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 Western Palearctic and Southwest Asia 1995 and 1996. Wetlands International Publication, 1 54, 178 pp." "Dobrovola, I., S. Dobrovola, 1987. Electrophoretic characteristics 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. Dobrovola. 1999. Morphological and biochemical comparison of *Sabanejewia aurata balcanica* (Karaman, 1922) and *Sabanejewia romanica* (Bacescu, 1943), (Pisces, Cobitidae). Proceedings of Institute of Fisheries - Varna, V.25, 71-82 pp." "Ivanova, P.P., I.S. Dobrovola. 1999. Morphological and electrophoretic comparison of some representatives of genus *Cobitis* Linne (Pisces). Comptes rendus de l'Academie bulgare des Sciences, v. 52, 1 11-12, 79-82 pp." "Ivanova, P.P., I.S. Dobrovola. 2002. Morphological and biochemical-genetic comparison of *Cobitis albicollis* Chichkov, 1932 populations (Pisces, Cobitidae) from Bulgaria. Acta zool. Bulg. 54 (3), 35-45 pp." "Ivanova, P.P., I.S. Dobrovola. 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., et 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>). Data revised by a team of Institute for Biodiversity and Ecosystem Research, Bulgarian Academy of Sciences, R. Tzonev - Sofia University "St. Kliment Ohridski". 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=BG0000192&siteType=HabitatDirective>

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

[Back to top](#)

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
BG06	0.32	BG00	99.38	BG03	0.3

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
BG06	Ivanov giol	+	0.3
BG03	Nahodishte na mrazovetz	+	0.3
BG06	Veselinova gora	*	0.02

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
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)

The site has no Management Plan.

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).

--