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 **BG0000578**

SITENAME **Reka Maritsa**

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1. SITE IDENTIFICATION

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1.1 Type	1.2 Site code
B	BG0000578

1.3 Site name

Reka Maritsa

1.4 First Compilation date	1.5 Update date
2005-12	2020-12

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).

2. SITE LOCATION

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2.1 Site-centre location [decimal degrees]:

Longitude	Latitude
25.7753	42.0039

2.2 Area [ha]:

14467.1727

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
BG42	Южен централен / Yuzhen tsentralen
BG42	Южен централен / Yuzhen tsentralen
BG34	Югоизточен / Yugoiztochen

2.6 Biogeographical Region(s)

Continental (100.0 %)

3. ECOLOGICAL INFORMATION

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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
3150			339.86		M	A	C	B	B
3260			1843.8		G	B	A	C	C
3270			353.35		G	B	A	B	B
6110			7.74		M	A	C	A	B
6210			126.04		M	A	C	A	A
6220			493.05		M	A	C	A	B
62A0			257.28		M	A	C	A	B
6430			29.47		M	A	C	A	A
6510			20.37		M	A	C	A	A
91AA			35.05		G	A	C	B	B
91E0			0.39		G	A	C	B	B
91F0			125.06		M	A	C	B	B
91M0			90.38		M	A	C	B	B
92A0			191.89		M	A	B	A	A

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	52025	52025	i	R	G	C	B	A	A
I	1093	Austropotamobius torrentium			p			i	P	M	D	C	C	C
M	1308	Barbastella barbastellus			p	11	50	i	V	M	D			
F	5088	Barbus cyclolepis			p				C	DD	B	B	C	B
A	1188	Bombina bombina			p			localities	P	DD	C	A	C	A
A	1193	Bombina variegata			p	1	1	localities	V	P	C	C	C	C
M	1352	Canis lupus			p				P	M	D			
I	1088	Cerambyx cerdo			p				R	DD	C	C	C	C
F	1149	Cobitis taenia			p	682748	682748	i	C	G	B	B	C	A
I	4045	Coenagrion ornatum			p	8	8	localities	R	G	C	A	C	A
R	5194	Elaphe sauromates			p			localities	P	DD	C	A	C	B
R	1220	Emys orbicularis			p	59	59	localities	C	G	B	A	C	A
I	1074	Eriogaster catax			p				V	DD	C	C	C	C
I	6199	Euplagia quadripunctaria			p				V	DD	C	B	C	B
I	1083	Lucanus cervus			p	20154	39647	i	R	M	C	C	C	C
M	1355	Lutra lutra			p	31	41	i		G	C	A	C	A
I	1060	Lycaena dispar			p	4028	8057	i	R	M	C	A	B	A
R	1222	Mauremys caspica			p			localities	P	DD	C	C	C	C
M	1310	Miniopterus schreibersii			p	11	50	i	R	G	C	B	C	C
I	1089	Morimus funereus			p				R	DD	C	C	C	C
M	2617	Myomimus roachi			p	0	1	localities	V	M	C	B	C	C
M	1323	Myotis bechsteinii			p	6	10	i	V	M	D			
M	1307	Myotis blythii			p	11	50	i	R	G	C	B	C	C
M	1316	Myotis capaccinii			p				V	DD	D			
M	1321	Myotis emarginatus			p	11	50	i	R	G	C	B	C	C
M	1324	Myotis myotis			p	11	50	i	R	G	C	B	C	C
I	1037	Ophiogomphus cecilia			p	11	11	localities	R	G	C	A	B	A
I	4053	Paracaloptenus caloptenoides			p				P	DD	D			
I	4022	Probaticus subrugosus			p	924	924	i	V	M	B	B	C	B

M	1305	Rhinolophus euryale			p				P	DD	D			
M	1304	Rhinolophus ferrumequinum			p	11	50	i	R	G	C	B	C	C
M	1303	Rhinolophus hipposideros			p	11	50	i	R	G	C	B	C	C
F	5339	Rhodeus amarus			p	3277611	3277611	i	C	G	B	A	C	A
I	1087	Rosalia alpina			p				V	DD	D			
F	1146	Sabanejewia aurata			p	285926	285926	i	R	G	B	A	C	A
M	1335	Spermophilus citellus			p	9	9	colonies	C	G	C	B	C	A
R	1219	Testudo graeca			p	2	2	localities	V	P	C	C	C	C
R	1217	Testudo hermanni			p	4	4	localities	V	P	C	C	C	C
A	1171	Triturus karelinii			p	3	3	localities	V	P	C	A	C	B
I	1032	Unio crassus			p	265138	265138	i	R	M	C	A	C	A
I	1014	Vertigo angustior			p			i	R	M	C	C	B	A
I	1016	Vertigo moulinsiana			p			i	R	M	C	C	B	A
M	2635	Vormela peregusna			p				P	DD	D			

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
R		Ablepharus kitaibelii						V					X	
F		Alburnus alburnus						C						X
F		Anguilla anguilla						V			X			
I		Apatura ilia						C						X
I		Apatura iris						C						X
I		Apatura metis						C					X	
I		Brenthis hecate						C						X
A		Bufo viridis						C					X	
I		Callimenus macrogaster						R			X			
F		Chondrostoma vardarense						C				X		
F		Chondrostoma vardarense						C				X		
R		Coluber caspius						C					X	

R		Coluber najadum						V					X	
M		Cricetulus migratorius						R						X
M		Crocidura leucodon						C					X	
M		Crocidura suaveolens						C					X	
M		Dryomys nitedula						C					X	
R		Elaphe longissima						R					X	
M		Erinaceus concolor						C						X
M		Felis silvestris						C					X	
I		Glaucopsyche alexis						C						X
M		Glis glis						C					X	
F		Gobio gobio						R						X
A		Hyla arborea						C					X	
R		Lacerta trilineata						R					X	
R		Lacerta viridis						C					X	
F		Leuciscus cephalus						C						X
M		Martes foina						C					X	
M		Meles meles						C					X	
I		Melitaea trivia						C						X
M		Micromys minutus						R						X
M		Muscardinus avellanarius						P						X
M		Mustela nivalis						C						X
M		Nannospalax leucodon						C					X	
R		Natrix tessellata						C					X	
M		Neomys anomalus						C					X	
M		Nyctalus noctula						P						X
P		Nymphaea alba						C			X			
I		Nymphalis xanthomelas						C						X
I		Parnassius mnemosyne						C					X	
A		Pelobates syriacus						R					X	
F		Perca fluviatilis						R						X
I		Pieris ergane						C						X
M		Pipistrellus pipistrellus						C						X
R		Podarcis muralis						R					X	
R		Podarcis taurica						R					X	
I		Pseudophilotes vicrama						C						X
A		Rana dalmatina						C					X	
I		Scolitantides orion						C					X	
F		Silurus glanis						R					X	
M		Suncus etruscus						R						X
I		Thymelicus acteon						C						X

R		Typhlops vermicularis						V						X
F		Vimba melanops						C				X		
R		Vipera ammodytes						P					X	
I		Zerynthia polyxena						C					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
N09	80.0
N06	3.0
N08	16.0
N21	1.0
Total Habitat Cover	100

Other Site Characteristics

The first section of the site includes 105 km along the river. The area consists mainly of open areas, the forest regions are very scarce and mainy consist of artificial poplar-tree spots. The bio-corridor includes the 'Martvicata' PA and the 'Orizare' SPA. The Martvicata PA is an old river bed. The open water surface covers about a dka, surrounded by dense vegetation of willows, alders and poplars. There is almost no marsh vegetation (rush and reed). The wetland and the adjacent artificially planted vegetation are fenced and there is a hunting hut inside, securing some guarding of the area. The site includes two atrificial fish-ponds - Tri vodici and Zvanichevo with managed water regime, which consentarte a great variety of wintering birds. The greater part of the site is covered by deserted arable land, currently used as pastures. Orizare includes the river-bed, the vegetation on the banks and the water surface from lakes, formed by the sand extraction.5 ponds for extraction of inert matherials operate in this part of the river.The second section of the river is entirely diked. There are several ponds, where wintering waterfowl concentrate. 95% of the river bank is deforestated. This site includes several sub-sites. Zlato pole is an old meander, deepend by fomer sand querry. The water regime of that part is almost completely independent from the currency of the river and is supported by springs and two small tributaries. The eastern part often dries out during summer. A big part of the arable lands are deserted and now used for cattle grazing. Dolnata Ova is a humid meadow, located among arable land, close to the river. There are about 5 ponds used for inert materials extraction along the whole second section.

4.2 Quality and importance

The site is an important bio-corridor, linking the sites in the whole Southern Bulgaria. It is of high ornithological interest throughout the year. It is especially significant as a non-coastal wintering bird site, representing the biggest roosting site of the Pygmy Cormorant in Southern Bulgaria, reaching up to 4000-6000 individuals. Some sections of the site upstream preserve one of the last old river beds of the Maritsa River harboring natural riparian vegetation and providing suitable habitats for Nymphea alba. The site also includes a Protected Area, designated for the conservation of Leucojum aestivum - one of the very few satisfactory localities of the species along the river. There are parts of the site which represent artificial wetlands and ornitho-fauna there is highly dependant on the presence and level of water in the ponds. When the fishponds are operating, more than 170 species of birds are reported.In table "Ecological Information - Other Important species", the species justified by 'A-National' are not necessarily included in the National Red Data Book, because its last edition is too old (1985), not up-dated and has no legislative value. The species indicated by 'A-National' are the protected flora and fauna species, included in the Bulgarian Biodiversity Act, and therefore this motivation is given highest priority. The Sabanejewia aurata found within the site has recently been identified as Sabanejewia balcanica, derived from Sabanejewia aurata balcanica subspecies.

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	K02.03		i
H	A04		i
M	F03.01		i
M	K02.02		i

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i|o|b]
L	B01		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 Mladen Angelov, Elena Kmetova, Hristo Nikolov, Dilian Georgiev, Gradimir Gradev - Green Balkans Federation, Plovdiv 4000, +359 32 62 69 77, office@greenbalkans.org ; St. Beshkov - NMNH, Sofia, BAS.Initially listed documents:"Arnold, E., J. Burton, D. Ovenden. 1992. A field guide to the Reptiles and Amphibians of Britain and Europe. Collins Publ., London, 272 pp."Benda, P., T. Ivanova, I. Horacek, V. Hanak, J. Gaisler, J. Cerveny, J. Gaisler, A. Georgieva, B. Petrov, V. Vohralik. 2003. Bats (Mammalia: Chiroptera) of the Eastern Mediterranean. Part 3. Review of bat distribution in Bulgaria. Acta Soc. Zool. Bohem., 67, 245-357."CORINE BIOTOPES database" 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. 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." Danailov, M., P. Terzieva, I. Dobrovolov. 1998. Electrophoretical survey of Cobitis taenia, Cobitis peshevi and their hybrid from some Bulgarians rivers. Acta zoological bulgarica, 50, 2/3, 127-132. "Delany, S., C. Reyes, E. Hubert, S. Pihl, E. Rees, L. Haanstra, A. Strien. 1999. Results from the International Waterbird Census in the Westwrn Paleactic and Southwest Asia 1995 and 1996. Wetlands International Publication, 54, 178 pp."Georgiev, D. 2003. A report of Mesocricetus newtoni (Mammalia: Cricetidae) from South-Eastern Bulgaria. Trav. Sci. Univ. Plovdiv, Animalia, 39 (6), 107-110."Ivanova, T. 2005. Important Bat Underground Habitats (IBUH) in Bulgaria. Acta zool. Bulg."Horacek, I., J. Cerveny, A. Tausl, D. Vitek. 1974. Notes on the Mammal fauna of Bulgaria (Insectivora, Chiroptera, Rodentia). Vestnik Cesk. Spol. Zool., XXXVIII, 1,19-31."Karapetkova, M., M. Zhivkov . 1995. Fish in Bulgaria. Sofia. "Gea Libris", 247 pp."Kavrakova, V., D. Dimova, M. Dimitrov, R. Tsonev, T.Belev (ed.). 2005. Guide for identification of habitats of European significance in Bulgaria. WWF DCP, Green Balkans Federation. Sofia. 128 pp."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."Michev, T., L. Profirov. 2003. Mid-winter Numbers of Waterbirds in Bulgaria (1977-2001). Results form 25 years of mid-winter counts carried out at the most important Bulgarian wetlands. Sofia - Moscow, 160." Mihov, S. 2002. Field guide of amphibians in Bulgaria, Bourgas Wetlands, 45 pp."Milchev, B., Z. Boev, V. Georgiev. 2004. Die Nahrung der Schleiereule (Tyto alba) in Sudost-Bulgarien. Egretta, 47, 66-77."Nankinov, D., S. Simeonov, T. Michev, B. Ivanov. 1997. Fauna of Bulgaria. Vol. 26: Aves, Part ??. Sofia, Academic Publishing House "Prof. M. Drinov", 427 pp." Nankinov, D. et al. 2004.Breeding totals of the ornithofauna in Bulgari?. Green Balkans, Plovdiv, 32 pp."Ornithological database of Green Balkans Federation of Nature Conservation NGOs. "Patev, P. 1950. Birds in Bulgaria. BAS, Sofia, 364 pp. "Peshev, T., D. Peshev, V. Popov. 2004. Fauna of Bulgaria. Vol. 27: Mammalia.Sofia. Academic Publishing House "Prof. M. Drinov", 632 pp."Popov, V. 2003. Mammals in Bulgaria. Vitosha Nature Park Directorate, Sofia, "Geosoft", 291 pp."Roché, J. 2000. Die Vogelstimmen Europas auf 4 CDs - Rufe und Gesänge. "Kosmos"." Shurulinkov, P., R. Tsonev, B. Nikolov, G. Stoyanov, L. Assenov. 2005. Birds of Middle Danube Plain. Sofia. 120 pp. In Bulgarian."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. S., BAS, 350 pp."Simeonov, S., T. Michev. 1991. Birds of the Balkan Peninsula. Peter Beron, Sofia, 245 pp. "Swensson, L. 1992. Identification guide to European Passerines. Stockholm."Swensson L., P. Grant. 2000. Bird guide. Harper Collins Publishers, London, 392 pp. "Sakalyan, M. (eds.). 1993. National Strategy for Biodiversity Conservation. Main Reports. Volume 1. " Yanaki S. Sivkov. 1989. Morphological characteristics of gudgeon (Gobio albipinnatus Lukasch, 1933) (Pisces, Cyprinidae) from the Bulgarian section of the Danube. Acta zoologica bulgarica 38, 11-13.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=BG0000578&siteType=HabitatDirective**

5. SITE PROTECTION STATUS (optional)

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5.1 Designation types at national and regional level:

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
BG06	3.164113	BG00	96.835887		

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
BG06	Zlatno pole	+	1.3214
BG06	Shareniya ostrov	+	0.086583
BG06	Dolnata ova	+	0.3414
BG06	Lozenski pat	+	0.41473
BG06	Martvitzata	+	1.0

5.3 Site designation (optional)

6. SITE MANAGEMENT

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6.1 Body(ies) responsible for the site management:

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

6.2 Management Plan(s):

An actual management plan does exist:

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

6.3 Conservation measures (optional)

The site has no Management Plan. Even the parts that coincide already existing Protected Areas have no such plans.The respondents recommend entire restoration of the site, so that it could operate as a true bio-corridor. They insist on an entire ban of the inert-material extraction, Water Power Plant (Small or other) construction and riparian and island vegetation felling. Restoration of the old river-bed is also advisable.

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).