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 **BG0000294**

SITENAME Karshalevo

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1. SITE IDENTIFICATION

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 1.1 Type
 1.2 Site code

 B
 BG0000294

1.3 Site name

Karshalevo

1.4 First Compilation date	1.5 Update date
2006-04	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).
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2.1 Site-centre location [decimal degrees]:

Longitude Latitude 22.5864 42.3526

2.3 Marine area [%] 2.2 Area [ha]:

6313.475 0.0

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code Region Name

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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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 C		Global	
5210 8			21.25485			Α	С	Α	Α	
6110 8			0.64		М	D				
8230 8			6.66		М	С	С	С	С	
9130€			8.69		М	В	С	В	В	
9170 8			787.42		М	В	С	В	В	
9180 8			102.58		М	В	С	В	В	
91CA B			23.8		G	D				
91E0 8			17.18		М	Α	С	Α	А	
91H0			132.92		М	С	С	С	С	
91M0 8			307.2		М	В	С	В	В	
91W0 B			17.42		М	D				

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				Po	Population in the site					Site assessment				
G	Code	Scientific Name	s	NP	т	Size		Unit	Cat.	D.qual.	A B C D	A B	С	
						Min	Max				Pop.	Con.	Iso.	Glo.
I	1093	Austropotamobius torrentium			р			i	С	М	С	Α	С	Α
М	1308	Barbastella barbastellus			р				Р	DD	D			
F	5088	Barbus cyclolepis			р				С	DD	С	Α	В	Α
Α	1193	Bombina variegata			р	4	4	localities	V	Р	С	А	С	А
М	1352	Canis lupus			р	1	2	i		G	С	Α	С	Α
I	1088	Cerambyx cerdo			р				R	DD	С	С	С	С
F	1149	Cobitis taenia			р	152920	152920	area	Р	Р	С	Α	В	В
R	1220	Emys orbicularis			р			localities	Р	DD	С	С	С	С
Ι	1083	<u>Lucanus cervus</u>			р	11375	22376	i	R	М	С	В	С	В
М	1355	<u>Lutra lutra</u>			р	12	12	i		G	С	Α	С	Α
М	1361	<u>Lynx lynx</u>			р				P	DD	С	В	С	В
I	1089	Morimus funereus			р	28394	32981	i	R	М	С	В	С	В
М	1323	Myotis bechsteinii			р	9	17		Р	М	D			
М	1307	Myotis blythii			p				Р	DD	D			
М	1321	Myotis emarginatus			р	11	50	i	V	M	С	С	С	С
М	1306	Rhinolophus blasii			р				Р	DD	D			
М	1305	Rhinolophus euryale			р				Р	DD	D			
М	1304	Rhinolophus ferrumequinum			р	11	50	i	Р	M	С	В	С	С
М	1303	Rhinolophus hipposideros			р	11	50	i	Р	M	С	В	С	С
I	1087	Rosalia alpina			р				R	DD	С	В	С	В
R	1219	Testudo graeca			р			localities	Р	DD	С	С	С	С
R	1217	Testudo hermanni			р			localities	Р	DD	С	Α	С	Α
Α	1171	Triturus karelinii			р			localities	Р	DD	С	Α	С	В
М	1354	<u>Ursus arctos</u>			р		1	i	R	G	С	В	В	В
М	2635	<u>Vormela</u> <u>peregusna</u>			р				V	DD	С	В	В	В

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 <u>reference portal</u>)

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	GERALIN COLLE				Cat.	Species Annex	Other categories		

			Min	Max	CIRIVIP	IV	V	A	В	С	D
R	Ablepharus kitaibelii				Р					Х	
F	Alburnoides bipunctatus				R					Х	
I	<u>Apatura ilia</u>				Р						Х
F	Barbatula bureschi				R				Х		
I	Brenthis hecate				Р						Х
Α	Bufo viridis				С					Χ	
I	Colias caucasica				Р			Х			
R	Coluber caspius				Р					Χ	
R	<u>Coronella</u> <u>austriaca</u>				Р					Х	
R	Elaphe longissim	a			Р			Х			
I	Erebia medusa				С						Х
I	Glaucopsyche alexis				Р						Х
F	Gobio gobio				R						Х
Α	<u>Hyla arborea</u>				С					Χ	
R	<u>Lacerta viridis</u>				С					X	
F	<u>Leuciscus</u> <u>cephalus</u>				С						X
I	Melitaea aurelia				Р						X
I	Melitaea trivia				Р					Χ	
R	Natrix tessellata				Р					Χ	
I	Neptis sappho				Р						X
I	Parnassius apollo	2			Р					Χ	
I	<u>Parnassius</u> <u>mnemosyne</u>				С					X	
F	Phoxinus phoxinus				С						X
I	<u>Pieris ergane</u>				С						Х
R	Podarcis muralis				С					Χ	
R	Podarcis taurica				С					X	
I	<u>Pseudophilotes</u> <u>vicrama</u>				Р						X
Α	Rana dalmatina				С					Х	
F	Salmo macedonicus				С				Х		
I	Scolitantides orion				Р					Х	
I	Thymelicus acteon				Р						Х
R	Vipera ammodytes				P					X	
I	Zerynthia polyxena				Р					Х	

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 <u>reference portal</u>)

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

4.1 General site character

	~ ~
Habitat class	% Cover
N16	20.0
N17	6.0
N20	8.0
N08	8.0
N22	4.0
N06	15.0
N21	5.0
N15	13.0
N23	12.0
N12	5.0
N10	4.0
Total Habitat Cover	100

Other Site Characteristics

The SCI includes the middle and lower courses of the rivers Dragovishtitza and Bistritza. The first one comes from the Republic of Serbia, the second - from the Osogovo Mountain. The forest habitats are mainly oak forests and Alnus glutinosa forests around the rivers.

4.2 Quality and importance

pSCI "Kurshalevo" include a vast area around the rivers Bistritza and Dragovishtitza. The rivers are preserved in their natural or semi-natural condition. They are following thair natural riverbeds and the territories of their riparian terraces are slightly fragmented.

4.3 Threats, pressures and activities with impacts on the site

The most important impacts and activities with high effect on the site

Negative Im	pacts		
Rank	Threats and pressures [code]	Pollution (optional) [code]	inside/outside [i o b]
M	F03.02.01		i
M	A04		i
L	E01.03		i
М	B01.02		i
L	D01.02		i
L	D02.01		0
M	J01		0
M	E03.01		i
М	J01		i
Н	E03		0
М	A04		0
L	F02.03		i
Н	B03		i

Positive Impacts									
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]						
M	A04		0						
M	A04		i						
L	D02.01		0						
L	F02.03		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 Balkani Wildlife Society; office@balkani.org; tel.:+359 2 963 14 70.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=BG0000294& siteType=HabitatDirective

5. SITE PROTECTION STATUS (optional)

5.1 Design	ation types a	t nation	al and regiona	al level:		Back to to
Code	Cover [º	%]	Code	Cover [%]	Code	Cover [%]
BG00	100.0					
5.2 Relation	on of the desc	ribed sit	e with other s	sites:		
5.3 Site de	esignation (o _l	otional)				
6. SITE	MANAGEME	NT				
6.1 Body(i	es) responsib	ole for th	e site manage	ement:		Back to to
Organisatio	n:	Region	al Inspectorate	of Environment and Wa	ter - Sofia	
Address:		136 Tz 2304	ar Boris III Blvd	., floor 10, Sofia 1618;	15 Blagoi Gebrev	Str., floor 1, Pernik
Email:		riosv@	riew-sofia.org			
Organisatio	n:	Ministr	y of Environmer	nt and Water		
Address:		22 Mar	ia Luiza Blvd., S	Sofia 1000		
Email:		natura	2000@moew.go	vernment.bg		
_	ement Plan(s anagement pla	-	st:			
	ıt in preparatio	2				
X No	т пт ргерагастог					
	vation meası	ıres (opt	cional)			
7. MAP (F THE SIT	ES				
						Back to to
INSPIRE ID	:					
Map deliver	ed as PDF in el	ectronic fo	ormat (optional)			
Yes	X No					
Reference(s	s) to the origina	ıl map use	ed for the digital	isation of the electronic	boundaries (option	onal).