



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 BG0000617
SITENAME Reka Palakaria

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code BG0000617	Back to top
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1.3 Site name

Reka Palakaria

1.4 First Compilation date 2006-09	1.5 Update date 2021-11
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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:	2007-12
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. 802/04.12.2007 (promulgated SG 107/2007). Correction of site borders by Council of Ministers Decision No. 588/06.08.2021 (promulgated SG 67/2021).

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude

Latitude

2.2 Area [ha]:

2.3 Marine area [%]

3054.3557

0.0

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code

Region Name

BG41	Югозападен / Yugozapaden
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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	Global
6430 B			54.42		M	B	C	B	B
6510 B			334.72		M	A	B	B	B
6520 B			30.11		G	C	C	C	C
9170 B			1.5		M	D			
91E0 B			111.95		G	B	C	B	B
91W0 B			4.31		G	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			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				P	DD	D			
F	1138	Barbus meridionalis			p	259388	259388	i	C	G	C	A	B	A
A	1193	Bombina variegata			p			localities	P	DD	C	A	C	A

M	1352	Canis lupus			p				P	DD	D				
I	1088	Cerambyx cerdo			p				R	DD	D				
F	1149	Cobitis taenia			p	99779	99779	i	R	G	C	A	B	A	
R	1220	Emys orbicularis			p			localities	P	DD	C	A	C	A	
I	1083	Lucanus cervus			p				R	DD	C	C	C	C	
M	1355	Lutra lutra			p	2	2	i		G	C	C	C	C	
I	1089	Morimus funereus			p				R	DD	C	C	C	C	
M	1321	Myotis emarginatus			p	6	11	i	V	G	D				
F	5339	Rhodeus amarus			p	14896	14896	i	C	G	C	A	C	B	
F	6143	Romanogobio kesslerii			p	128600	128600	area	V	P	C	B	A	B	
F	6145	Romanogobio uranoscopus			p	3077	3077	i	R	G	B	B	A	A	
I	1087	Rosalia alpina			p				V	DD	C	C	C	C	
F	1146	Sabanejewia aurata			p	13254	13254	i	C	G	C	B	A	A	
A	1171	Triturus karelinii			p			localities	P	DD	C	A	C	B	
I	1032	Unio crassus			p	39306	39306	i	R	M	C	B	C	B	
M	2635	Vormela peregusna			p				P	DD	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
P		Aegopodium podagraria						R						X
P		Angelica pancicii						R			X			
P		Armeria rumelica						R				X		
A		Bufo viridis						P					X	
P		Cirsium appendiculatum						C				X		
R		Coronella austriaca						P					X	
P		Dactylorhiza incarnata						R					X	
P		Dianthus cartusianorum						R			X			
R		Elaphe longissima						P					X	
M		Eptesicus serotinus						C					X	
P		Fraxinus excelsior						C						X
P		Geranium sylvaticum						C						X
P		Geum coccineum						C					X	

A	Hyla arborea						P					X	
P	Iris pseudacorus						C						X
R	Lacerta agilis						P					X	
R	Lacerta viridis						P					X	
P	Menyanthes trifoliata						R			X			
M	Myotis mystacinus						C					X	
M	Nyctalus leisleri						C					X	
M	Nyctalus noctula						C					X	
P	Orchis elegans						R						X
F	Phoxinus phoxinus						C						X
M	Pipistrellus nathusii						C					X	
M	Pipistrellus pipistrellus						C					X	
R	Podarcis muralis						P					X	
A	Rana dalmatina						P					X	
P	Ranunculus aquatilis						C						X
P	Salix alba						C						X
P	Salix fragilis						C						X
F	Salmo trutta fario						R						X
P	Senecio paludosus						C						X
P	Trollius europaeus						R			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

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Habitat class	% Cover
N09	9.0
N23	2.0
N17	4.0
N16	1.0
N19	1.0
N12	81.0
N08	2.0
Total Habitat Cover	100

Other Site Characteristics

The grassland complex is secondarily developed instead of intensively used arable lands, plantations with wheat and potatoes. Along the Palakariya River there is (poorly developed) alder tree and ash tree riverside vegetation in different phases of degradation due to the constant felling and active grazing activities.

4.2 Quality and importance

Coverage. The greatest part of the territory was agricultural land, which has not been used actively during the previous 15 years. The quality is not so high because the native vegetation has not been recovered completely. The signs of the field boundaries are still remarkable in some

areas. Here are also presented the remains of the infrastructural elements (concrete and terrestrial roads, areas for deposits, basins for chemicals, old irrigative channels, etc. The pollution in one point has been discovered as a result of human impacts along the river bank of Palakarya. Small part of the zone comprises the old agricultural yard of the co-operative farm and the motorised centre with fully ruderal type of vegetation. Although of the presence in the zone of 2 endemic plants species (which are comparatively widespread) and 4 plants, included in present edition of The Red Data Book of Bulgaria. Plants the importance of the zone is not high. Geographic coherence. Through the site is the realisation of the connection between the southeastern slopes of the Vitosha biotic complex with the analogic complex of the Rila Mountain. The necessity for the development of the site along the lower stream of the Palakariya River and by that will fulfill the connection with the corridor of Iskar River and the expansion of the territory of the priority for the EU habitat 91E0 (Alluvial forests with *Alnus glutinosa* and *Fraxinus excelsior* (Alno-Pandion, Alnion incanae, Salicion albae) is advisable. Ecological coherence is destroyed by the presence of the remainings from old infrastructure, the pollution from the human activities, ruderalisation as a result of stopping of agricultural works, changing of the regime of water: tribuaries due to water consumption.

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	A04.03		o
H	A04.03		i
M	F06		o
M	E03.03		o
H	A03		o
L	A10.01		i
H	A03		i
L	A10.01		o
M	A04		i
H	A04		o
M	E03.01		o
M	F02.03		o

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside /outside [i o b]
M	F02.03		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

4.4 Ownership (optional)

4.5 Documentation

Initial proposal and description of the site made by D. Peev - Institute of Botany, BAS, 23 Akad. G. Bonchev Str., Sofia; Balkani Wildlife Society, office@balkani.org; Green Balkans, office@greenbalkans.org; Bulgarian Biodiversity Foundation, bbfb@biodiversity.bg; Wilderness Fund. 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=BG0000617&siteType=HabitatDirective>

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
BG05	Vitosha	/	

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: Sofia
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)

7. MAP OF THE SITES

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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).