



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

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| | |
|-----------------|----------------------|
| 1.1 Type | 1.2 Site code |
| B | BG0000617 |

1.3 Site name

| |
|----------------|
| Reka Palakaria |
|----------------|

| | |
|-----------------------------------|------------------------|
| 1.4 First Compilation date | 1.5 Update date |
| 2006-09 | 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: | 2007-12 |
| 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). |
|------------------------|--|

2. SITE LOCATION

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2.1 Site-centre location [decimal degrees]:

Longitude23.3178

Latitude42.4041

2.2 Area [ha]:

3054.3557

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 |
|-------------------|--------------------------|
| BG41 | Югозападен / Yugozapaden |

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 |
| 6430B | | | 54.42 | | M | B | C | B | B |
| 6510B | | | 334.72 | | M | A | B | B | B |
| 6520B | | | 30.11 | | G | C | C | C | C |
| 9170B | | | 1.5 | | M | D | | | |
| 91E0B | | | 111.95 | | G | B | C | B | B |
| 91W0B | | | 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 peregrusna | | | 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 |
|---------------------|---------|
| N19 | 1.0 |
| N17 | 4.0 |
| N16 | 1.0 |
| N23 | 2.0 |
| N09 | 9.0 |
| N08 | 2.0 |
| N12 | 81.0 |
| 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: tributaries 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] |
| L | A10.01 | | i |
| H | A04 | | o |
| H | A03 | | o |
| L | A10.01 | | o |
| M | E03.01 | | o |
| H | A04.03 | | o |
| H | A04.03 | | i |
| M | A04 | | i |
| M | F06 | | o |
| M | E03.03 | | o |
| H | A03 | | i |
| 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, bbf@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)

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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:

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)

| | |
|------------------------------|--|
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
|------------------------------|--|

Reference(s) to the original map used for the digitalisation of the electronic boundaries (optional).

