



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 BG0001017
SITENAME Karvav kamak

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

[Back to top](#)

| | |
|----------------------|-----------------------------------|
| 1.1 Type B | 1.2 Site code BG0001017 |
|----------------------|-----------------------------------|

1.3 Site name

| |
|--------------|
| Karvav kamak |
|--------------|

| | |
|--|-----------------------------------|
| 1.4 First Compilation date 2006-08 | 1.5 Update date 2018-12 |
|--|-----------------------------------|

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: | 2007-10 |
| 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. 661/16.10.2007 (promulgated SG 85/2007).

[Back to top](#)

[Back to top](#)

2. SITE LOCATION

[Back to top](#)

2.1 Site-centre location [decimal degrees]:

Longitude

22.525

Latitude

42.66694444444444

2.2 Area [ha]:

17680.3729

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 |
| BG41 | Югозападен / Yugozapaden |

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 |
| 4060B | | | 135.87 | | G | A | C | A | A |
| 6210B | | | 28.98 | | M | A | C | B | B |
| 6410B | | | 0.62 | | G | D | | | |
| 6430B | | | 35.39 | | G | A | C | A | A |
| 6520B | | | 878.17 | | G | A | B | B | B |
| 7140B | | | 4.02 | | G | D | | | |
| 8230B | | | 3.21782 | | M | A | C | A | A |
| 8310B | | | | 2 | G | C | C | C | C |
| 9110B | | | 29.09 | | M | A | C | A | A |
| 9130B | | | 4821.02 | | M | A | B | A | A |

| | | | | | | | | | | | | |
|-------|--|--|---------|--|---|---|--|---|--|---|--|---|
| 9170B | | | 1840.71 | | M | A | | C | | B | | B |
| 9180B | | | 31.4 | | M | C | | C | | B | | B |
| 91E0B | | | 35.49 | | G | A | | C | | A | | A |
| 91M0B | | | 253.67 | | M | A | | C | | A | | B |
| 91W0B | | | 79.26 | | M | A | | C | | B | | B |

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 | 6046 | 6046 | i | C | M | C | A | C | A |
| M | 1308 | Barbastella barbastellus | | | p | 72 | 113 | i | R | M | C | B | C | C |
| A | 1193 | Bombina variegata | | | p | 5 | 5 | localities | R | M | C | A | C | A |
| M | 1352 | Canis lupus | | | p | 7 | 8 | i | | G | C | A | C | A |
| P | 2327 | Himantoglossum caprinum | | | p | | | | R | DD | C | B | C | B |
| I | 1083 | Lucanus cervus | | | p | | | | R | DD | C | B | C | B |
| M | 1355 | Lutra lutra | | | p | 2 | 2 | i | | G | C | C | C | C |
| M | 1361 | Lynx lynx | | | p | 1 | 1 | localities | P | P | C | A | C | A |
| M | 1310 | Miniopterus schreibersii | | | p | | | | P | DD | D | | | |
| I | 1089 | Morimus funereus | | | p | | | | P | DD | C | B | C | B |
| M | 1323 | Myotis bechsteinii | | | p | 11 | 50 | i | V | M | C | B | C | C |
| M | 1307 | Myotis blythii | | | p | | | | P | DD | D | | | |
| M | 1321 | Myotis emarginatus | | | p | 11 | 50 | i | V | G | C | B | C | C |
| M | 1324 | Myotis myotis | | | p | | | | P | DD | D | | | |
| 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 |
| I | 1087 | Rosalia alpina | | | p | | | | P | DD | C | B | C | B |
| A | 1171 | Triturus karelinii | | | p | 1 | 1 | localities | V | P | C | A | C | B |
| M | 1354 | Ursus arctos | | | p | 1 | 2 | i | | G | C | A | B | A |

| | | | | | | | | | | | | | | |
|---|------|-----------------------------------|--|--|---|---|---|------------|---|---|---|---|---|---|
| M | 2635 | Vormela peregusna | | | p | 1 | 1 | localities | P | P | 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 |
| M | | Felis silvestris | | | | | | C | | | X | | | |
| P | | Gentiana lutea | | | | | | R | | | X | | | |
| P | | Gentianella bulgarica | | | | | | V | | | | X | | |
| P | | Huetia cynapioides | | | | | | V | | | X | | | |
| M | | Martes martes | | | | | | R | | | X | | | |
| F | | Salmo trutta fario | | | | | | 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

4.1 General site character

[Back to top](#)

| Habitat class | % Cover |
|---------------|---------|
| N17 | 4.0 |

| | |
|----------------------------|------|
| N25 | 9.0 |
| N08 | 10.0 |
| N27 | 9.0 |
| N16 | 58.0 |
| N19 | 10.0 |
| Total Habitat Cover | 100 |

Other Site Characteristics

The area consists of low mountains and hills, predominantly covered by broadleaved forests and comparatively small patches of artificial pine forests, shrubs, meadows and grasslands, with sparsely small villages. Agricultural land occupies unessential part of the territory.

4.2 Quality and importance

Comparatively well preserved forest habitats (especially old aged broadleaved forests), as well as the plenty of game (Roe Deer and Brown Hares) provide good conditions for Lynx and Wolf. The proposed protected zone is a very important site for achieving favourable conservation status of the Brown Bear. It is a stepping stones biocorridor for genetic material exchange between the Brown Bear populations of Eastern Serbia and Rila and Pirin mountains and important conservation goal is restoration of its meta-population. Conservation of this territory is of great importance for the protection of another large carnivore, which was thought to be extinct in Bulgaria till recently - lynx. In the last several years the species is trying to recolonize western mountain regions of the country. The proposed for protection area is one of the three sites where lynx was detected for the last five years.

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 | B02.02 | | i |
| H | G01.03 | | i |
| M | D01.02 | | o |
| H | B01 | | i |
| H | B03 | | i |
| H | F03.02.03 | | i |
| H | B | | i |
| L | C01.04 | | i |
| H | B02.01 | | i |
| H | B01.02 | | i |
| L | J01 | | i |
| H | F03.01 | | i |
| H | F06 | | i |
| H | F04 | | i |
| H | D01.02 | | i |
| H | F03.02 | | i |
| M | J02.05.02 | | i |

| Positive Impacts | | | |
|------------------|-------------------------------|-----------------------------|------------------------|
| Rank | Activities, management [code] | Pollution (optional) [code] | inside/outside [i o b] |
| H | A05.01 | | i |
| H | A04 | | 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 Bulgarian Biodiversity Preservation Society - SEMPERVIVA, semperviva@bluelink.net; S. Zidarova, sirmazidarova@zoology.bas.bg; Balkani Wildlife Society, office@balkani.org , tel.: +359 2 963 14 70; Green Balkans, officesf@greenbalkans.org 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=BG0001017&siteType=HabitatDirective>

5. SITE PROTECTION STATUS (optional)

[Back to top](#)

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:

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: Pleven |
| 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

[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).

| |
|--|
| |
|--|