# 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 **BG0000626** 

SITENAME Krushe

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### 1. SITE IDENTIFICATION

1.1 Type	1.2 Site code	Back to top
В	BG0000626	

#### 1.3 Site name

1.4 First Compilation date	1.5 Update date
Krushe	

2007-09	2021-11

### 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:	2020-05			
National legal reference of SAC designation:	Designation Order No. RD – 379/15.05.2020 (promulgated SG 50 /2020) issued by the Minister of Environment and Water.			

	Adopted by Council of Ministers Decision No. 802/04.12.2007 (promulgated SG 107/2007). Issued by the
Explanation(s):	Minister of Environment and Water designation Order No. RD - 379/15.05.2020 (promulgated SG 50
	/2020) with prohibitions and restrictions on activities contradicting the conservation objectives of the site.

### 2. SITE LOCATION

Latitude 23.3769 41.8597

### 2.2 Area [ha]:

2.3 Marine area [%]

291.291 0.0

### 2.4 Sitelength [km]:

0.0

### 2.5 Administrative region code and name

NUTS level 2 code Region Name

BG41	Юго	западен / Yugozapaden

### 2.6 Biogeographical Region(s)

Alpine (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	
5130 <b>8</b>			58.3746		М	A	В	A	A	
6110 <b>8</b>			0.55747			D				
6410 <b>8</b>			147.77		M	С	Α	С	С	
7220 <b>8</b>			8.76		M	С	В	С	С	
7230 <b>8</b>			5.84		M	В	В	В	В	
91CA <b>8</b>			0.65		М	В	С	В	В	
91E0 <b>8</b>			24.63			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				Popu	Population in the site					Site assessment				
G	Code	Scientific Name	S	NP	Т	Size Uni		Unit	Unit Cat.	Cat. D. qual.	A B C D	A B C		
						Min	Max				Pop.	Con.	lso.	Glo.
М	1308	Barbastella barbastellus			р	6	10	i	R	М	D			
Р	4096	Gladiolus palustris			р	5000	10000	i		G	Α	В	Α	Α
Р	1758	Ligularia sibirica			р	1000	1300	i	R	G	А	Α	В	Α
		Rhinolophus												

M | 1304 | <u>ferrumequinum</u> | p | 6 | 10 | i | C | G | 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 <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	S	NP Siz	Size		Size		Size		Size		Size		Size		Size		Unit	Cat.	Specie		Other	catego	ories	
					Min	Max		C R V P	IV	V	Α	В	С	D												
Р		Epipactis palustris						С			X															
Р		Laserpitium archangelica						R			X															
Р		Polygala amarella						R			X															
Р		Valeriana simplicifolia						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 <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. SITE DESCRIPTION

### 4.1 General site character

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Habitat class	% Cover
N07	5.0
N16	1.0
N08	20.0
N06	0.1
N10	71.0
N17	2.9
Total Habitat Cover	100

### Other Site Characteristics

The site is one of the most important wetland complexes in the country. The water which discharges in the foothills of Pirin Mountain conditions a large comples of open calcareous springs alternating with mesophilous grasslands and scrublands. Springs are very specific with unaffected hydrology and host many relic species that occur in only a single locality in the country.

### 4.2 Quality and importance

This site preservs the largest and best rich fen in the country. Its existence is important for conservation rare plant and invertebrate species.

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

Negative Im	npacts		
Rank	Threats and pressures [code]	Pollution (optional) [code]	inside/outside [i o b]
Н	E01.01		О
L	D01.01		i
М	E03.01		o
М	J02.03		o
М	E03.03		О
L	D02.01		i
L	D01.01		o
L	G02.01		o
L	F03.01		i
М	D01.02		О

Positive Impacts							
	Activities,	Pollution	inside				
Rank	management	(optional)	/outside				
	[code]	[code]	[i o b]				
L	G02.01		О				
L	D01.01		О				
L	D01.01		i				
L	D02.01		i				
L	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 Antoaneta Petrova - Botanical Garden, Sofia, Bulgarian Academy of Sciences; Iva Apostolova, Tenyo Meshinev - Institute of Botany, Bulgarian Academy of Sciences. New data provided by project "Mapping and assessment of the conservation status of the natural habitats and species - Phase 1" (see link).

Link(s): <a href="http://natura2000.moew.government.bg/Home/ProtectedSite?">http://natura2000.moew.government.bg/Home/ProtectedSite?</a>
<a href="code=BG0000626&siteType=HabitatDirective">code=BG0000626&siteType=HabitatDirective</a>

### 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:
- 5.3 Site designation (optional)

### **6. SITE MANAGEMENT**

**6.1** Body(ies) responsible for the site management:

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Organisation:	Regional Inspectorate of Environment and Water: Blagoevgrad
Address:	
Email:	
6.2 Management Plan(s):	
An actual management plan does exis	st:
Yes	
No, but in preparation	

### 6.3 Conservation measures (optional)

The management should emphasize on the hydrology and restriction on the building activities in the site.

### 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).	