

Database release: ▼

SDF



EMERALD - STANDARD DATA FORM

For proposed Emerald Sites (Areas of Special Conservation Interest, ASCI),
Candidate Emerald Sites and,
For Areas of Special Conservation Interest (ASCI = Emerald Sites)

SITE **BY0000004**
SITENAME **Zvanets**

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1. SITE IDENTIFICATION

1.1 Type	1.2 Site code
C	BY0000004

1.3 Site name

Zvanets

1.4 First Compilation date	1.5 Update date
2010-08	-

1.6 Respondent:

Name/Organisation:	
Address:	
Email:	

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude	Latitude
24.863600	52.056400

2.2 Area [ha]:	2.3 Marine area [%]:
16227.0000	0.0000

2.4 Sitenlength [km]:
0.00

2.5 Administrative region code and name

NUTS level 2 code	Region Name
BY00	BRESTSKAYA VOBLASTS

2.6 Biogeographical Region(s)

Continental	(0.00 %)
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3. ECOLOGICAL INFORMATION

3.1 Habitat types present on the site and site evaluation for them:

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Resolution 4 Habitat type					Site assessment			
Code	NP	Cover [ha]	Cave [number]	Data quality	A B C D	A B C		
					Representativity	Relative Surface	Conservation	Global
D4.1		2944	0.00	G	A	B	B	A
D5.2		4040	0.00	G	A	B	B	A
E3.5		284	0.00	G	A	C	B	B
F9.1		2846.5	0.00	G	B	C	B	B

- **NP:** in case that a habitat type no longer exists in the site enter: x (optional)
- **Cover:** decimal values can be entered
- **Caves:** included in habitat types A1.44, A3, A4 and H1: 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 listed in Resolution 6 and site evaluation for them

Species			Population in the site							Site assessment				
Group	Code	Scientific Name	S	NP	Type	Size		Unit	Cat.	Data quality	A B C D		A B C	
						Min	Max		C/R/V/P		Pop.	Con.	Iso.	Glo.
B	A294	Acrocephalus paludicola			r	3000	6000	p			A	A	C	A
B	A090	Aquila clanga			r	3	3	p			C	B	C	B
B	A089	Aquila pomarina			r	2	3	p			D			
B	A222	Asio flammeus			r	5	15	p			D			
A	1188	Bombina bombina			p	0	0		C		D	B	C	C
B	A021	Botaurus stellaris			r	50	300	p			C	A	C	B
B	A215	Bubo bubo			p	4	9	p			D			
M	1352	Canis lupus			p	1	10	i			D			
B	A224	Caprimulgus europaeus			r	5	20	p			D			
M	1337	Castor fiber			p	50	100	i			D			
B	A196	Chlidonias hybridus			r	20	150	p			C	B	C	B
B	A198	Chlidonias leucopterus			r	0	0		C		D			
B	A197	Chlidonias niger			r	0	0		C		D			
B	A030	Ciconia nigra			r	1	2	p			D			
B	A080	Circus gallicus			r	1	2	p			C	B	C	C
B	A081	Circus aeruginosus			r	10	20	p			D	B	C	B
B	A082	Circus cyaneus			r	5	10	p			D			
B	A084	Circus pygargus			r	10	20	p			D			
I	1071	Coenonympha oedippus			p	0	0		R		D			
B	A122	Crex crex			r	50	80	p			C	B	C	B

B	A038	Cygnus cygnus		c	1	10	i			D			
P	1902	Cypripedium calceolus		p	200	300	i	R		C	B	C	B
B	A236	Dryocopus martius		p	2	5	p			D			
I	1081	Dytiscus latissimus		p	0	0		R		D			
R	1220	Emys orbicularis		p	0	0		P		D			
I	1065	Euphydryas aurinia		p	0	0		C		D			
I	1052	Euphydryas maturna		p	0	0		P		D			
B	A154	Gallinago media		r	20	40	p			D			
I	1082	Graphoderus bilineatus		p	0	0		R		D			
B	A127	Grus grus		r	20	50	p			D			
B	A075	Haliaeetus albicilla		p	1	1	p			D			
B	A022	Ixobrychus minutus		r	5	20	p			C	B	C	B
B	A338	Lanius collurio		r	100	150	p			D			
B	A272	Luscinia svecica		r	150	300	p			C	B	C	B
M	1355	Lutra lutra		p	10	30	i			D			
I	1060	Lycaena dispar		p	0	0		P		D			
I	1061	Maculinea nausithous		p	0	0		R		D			
I	1059	Maculinea teleius		p	0	0		R		D			
F	1145	Misgurnus fossilis		p	0	0		P		D			
B	A120	Porzana parva		r	10	50	p			C	B	C	B
B	A119	Porzana porzana		r	1000	4000	p			C	A	C	A
F	1134	Rhodeus sericeus amarus		p	0	0		P		D			
B	A193	Sterna hirundo		c	0	0		C		D			
B	A307	Sylvia nisoria		r	100	150	p			D			
B	A409	Tetrao tetrix tetrix		p	20	100	p			C	B	C	B
P	1437	Thesium ebracteatum		p	50	60	i	R		C	B	A	B
B	A166	Tringa glareola		c	0	0		R		D			
A	1166	Triturus cristatus		p	0	0		P		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 standardised list of population units and codes, in accordance with Article 12 and 17 reporting under the Birds and Habitats Directives
- **Abundance categories (Cat.):** C=common, R= rare, V=very rare, P=present – to fill if data quality 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); DD = Data deficient (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

Species	Population in the site	Motivation
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Group	CODE	Scientific Name	S	NP	Size		Unit	Cat.	Species appendix			Other categories			
					Min	Max			I	II	III	A	B	C	D

- **Group:** A =Amphibians, B = Birds, F = Fish, Fu = Fungi, I = Invertebrates, L = Lichens, M = Mammals, P =Plants, R = Reptiles
- **CODE:** for Appendix I, II and III species the code provided in the Emerald 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 standardised list of population units and codes, in accordance with Article 12 and 17 reporting under the Birds and Habitats Directives.
- **Cat.:** Abundance categories: C=common, R= rare, V=very rare, P=present
- **Motivation categories: I, II, III:** Appendix Species (Bern Convention), **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
N10	1.70
N23	29.90
N16	0.20
N19	2.80
N17	0.50
N07	64.90
Total Habitat Cover	100.00000000000001

Other Site Characteristics

The Zvanets bog is the biggest lowland bog in Europe remaining in its natural state. It was formed within the incurved plain lacustrine-alluvial lowland. Sedge and cane sedge communities, which are open and overgrowing with different degrees of willow stand covering, prevail in plant cover. There have been registered 666 species of higher vascular plants, 25 species of vascular pants included into the Red List of the Republic of Belarus have been identified here. 24 fish species, 9 amphibian species, 5 reptile species, 120 bird species, 29 mammal species have been registered. There are habitats of 32 species of animals within the reserve, subject to protection according to the national legislation. The special international value of the wetland site is in its maintenance of globally endangered bird species: the biggest population of aquatic warbler (*Acrocephalus paludicola*) in Europe, which is 2000-6000 singing males, at least two pairs of greater spotted eagle (*Aquila clanga*).

4.2 Quality and importance

All habitats are characterized by high degree of conservation. The threat for the reserve ecosystem existence is its unstable hydrological regime caused by the work of reclamation systems within the PNA resulting in negative seral processes in plant cover dynamics shown in fast growth of coenotic value of common reed and major change of large sedge communities for reed community, which is less important in terms of concentration of biological diversity. The management plan for the settlement of the natural hydrological regime and conservation of open sedge communities have been developed and put into operation for the territory. Hydrotechnical amelioration, extraction of peat and other minerals, clear felling, construction of business facilities are prohibited in the territory of the reserve. The reserve is situated away from the cities, highways and industrial facilities. Most of the territory is hardly available. The goal of establishment of the reserve is conservation of the largest lowland bog in Europe with the complex of rare and endangered flora species, as well as the habitat of aquatic warbler (*Acrocephalus paludicola*).

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		
Threats	Pollution	

Rank	and pressures [code]	(optional) [code]	inside/outside [i o b]
L			o
L			i
H			o
L			i
H			o
L			i
L			i
L			o

Positive Impacts

Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]
M			i
L			o
L			i
L			o
L			i
L			i
H			o
L			i
M			i
H			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

Type	[%]	
Public	National/Federal	100
	State/Province	0
	Local/Municipal	0
	Any Public	0
Joint or Co-Ownership	0	
Private	0	
Unknown	0	
sum	100	

4.5 Documentation

There is a management plan.

5. SITE PROTECTION STATUS

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
BY03	100.00				

5.2 Relation of the described site with other sites:

Designated at national or regional level:

Type code	Site name	Type	Cover [%]
	Zvanets	-	100.00
BY04	"Dzivin-Vialiki Lies"	/	15.00
BY06	Zvanets	=	100.00
BY03	Zvanets	=	100.00

Designated at international level:

Type	Site name	Type	Cover [%]
Other	Zvanets	-	100.00
	"Dzivin-Vialiki Lies"	/	15.00
	Zvanets	=	100.00
	Zvanets	=	100.00

5.3 Site designation (optional)

The site is a State biological reserve of republican significance

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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Organisation:	State Environment Protection Establishment "Republican Biological Reserve Zvanets"
Address:	
Email:	

6.2 Management Plan(s):

An actual management plan does exist:

<input checked="" type="checkbox"/>	Yes	Name: Management Plan for Republican Biological Reserve "Zvanets" Link:
<input type="checkbox"/>	No, but in preparation	
<input type="checkbox"/>	No	

6.3 Conservation measures (optional)

There is a site management plan

7. MAP OF THE SITE

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Map delivered as PDF in electronic format (optional)

<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
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SITE DISPLAY

