

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 **BY0000035**
SITENAME **Polesye Valley of the Bug River**

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](#)

[Print Standard Data Form](#)

1. SITE IDENTIFICATION

1.1 Type	1.2 Site code
C	BY0000035

1.3 Site name

Polesye Valley of the Bug River

1.4 First Compilation date	1.5 Update date
2015-01	-

1.6 Respondent:

Name/Organisation:	Brest Oblast Unit of ABP-Birdlife Belarus
Address:	
Email:	egreta113@mail.ru

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

[Back to top](#)

Longitude	Latitude
23.629300	51.769100

2.2 Area [ha]:	2.3 Marine area [%]:
23185.0000	0.0000

2.4 Sitelength [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	(100.00 %)	
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3. ECOLOGICAL INFORMATION

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

[Back to top](#)

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
C1.222 		0	0.00	M	A	C	B	C
C1.223 		0	0.00	M	A	C	B	C
C1.224 		0	0.00	M	A	C	B	C
C1.225 		0	0.00	M	A	C	B	C
C1.32 		0	0.00	M	A	B	B	B
C2.33 		0	0.00	M	A	C	B	C
C2.34 		0	0.00	M	A	C	B	C
C3.4 		0	0.00	M	A	C	B	C
C3.51 		0	0.00	M	A	C	B	C
D2.3 		200	0.00	M	B	C	B	C
E1.2 		5	0.00	M	A	C	B	B
E1.71 		0	0.00	M	A	C	B	C
F3.16 		350	0.00	M	B	B	B	B
F4.2 		200	0.00	M	B	B	B	B
F9.1 		0	0.00	M	A	C	B	C
G1.11 		0	0.00	M	A	B	B	A
G1.21 		0	0.00	M	A	C	B	C
G1.22 		0	0.00	M	A	B	B	B
G1.51 		0	0.00	M	A	C	B	C
G1.A1 		142.3	0.00	G	B	C	C	C
G1.B3 		570	0.00	M	A	C	B	C
G3.1F 		150	0.00	M	A	B	B	B
G3.E 		30	0.00	G	A	C	C	C
X35 		100	0.00	M	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	A223	Aegolius funereus			p	1	5	i			C	C	C	A
B	A229	Alcedo atthis			r	26	30	p			C	A	B	B
P	1516	Aldrovanda vesiculosa			p	0	0	i	P		C	C	B	B
B	A255	Anthus campestris			r	10	20	p			C	B	C	B
B	A089	Aquila pomarina			r	5	6	p			C	C	C	C
F	1130	Aspius aspius				0	0	i	R		B	B	C	B
B	A060	Aythya nyroca			r	2	8	p			C	B	A	B
B	A021	Botaurus stellaris			r	10	15	males			C	A	C	B
B	A215	Bubo bubo			p	3	5	p			C	C	C	B
M	1352	Canis lupus			p	1	2	i			D	B	C	C
B	A224	Caprimulgus europaeus			r	250	350	p			C	A	A	B
M	1337	Castor fiber			p	0	0	i	C		C	A	C	B
B	A197	Chlidonias niger			r	50	100	p			C	B	C	B
B	A031	Ciconia ciconia			r	50	50	p			C	C	C	B
B	A030	Ciconia nigra			r	8	10	p			C	C	C	B
B	A080	Circus gallicus			r	0	1	p			C	C	B	C
B	A084	Circus pygargus			r	0	1	p			C	C	C	C
F	1149	Cobitis taenia				0	0	i	R		B	B	C	B
F	1163	Cottus gobio				0	0	i	R		B	B	C	B
B	A122	Crex crex			r	10	20	p			C	B	C	C
B	A239	Dendrocopos leucotos			p	25	30	p			D	C	C	B
B	A238	Dendrocopos medius			p	75	85	p			C	C	B	B
B	A236	Dryocopus martius			p	20	50	p			C	C	C	B
B	A027	Egretta alba			r	0	5	p			B	A	B	B
R	1220	Emys orbicularis			p	50	70	i			C	C	C	B
F	2484	Eudontomyzon mariae				0	0	i	R		B	B	C	B
B	A321	Ficedula albicollis			r	3	10	p			C	C	B	B
B	A320	Ficedula parva			r	20	50	p			C	C	B	B
B	A127	Grus grus			r	18	20	p			C	A	C	B
B	A075	Haliaeetus albicilla			r	1	2	p			C	C	C	B
B	A022	Ixobrychus minutus			r	5	10	p			C	A	C	B
B	A246	Lullula arborea			r	50	100	p			C	A	C	B
B	A272	Luscinia svecica			r	5	20	p			C	B	C	B
M	1355	Lutra lutra			p	0	0	i	R		D	A	C	B
I	1060	Lycaena dispar			p	0	0		R		C	B	C	B
		Misgurnus												

F	1145	fossilis			0	0	i	R		C	B	C	C
B	A120	Porzana parva		r	8	25	p			C	A	C	B
P	1477	Pulsatilla patens		p	15	20	i			C	B	C	B
F	5339	Rhodeus amarus			0	0	i	R		C	B	C	C
F	6144	Romanogobio albpinnatus			0	0	i	R		B	B	C	B
F	1146	Sabanejewia aurata			0	0	i	R		B	B	C	B
B	A195	Sterna albifrons		r	10	12	p			C	B	A	B
P	1437	Thesium ebracteatum		p	1	2	i			C	C	C	B

- **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							
Group	CODE	Scientific Name	S	NP	Size		Unit	Cat.	Species appendix			Other categories				
					Min	Max		C R V P	I	II	III	A	B	C	D	
B	A051	Anas strepera			10	15	p	R								
B	A043	Anser anser			10	15	p	R								
B	A059	Aythya ferina			60	100	i	C								
B	A099	Falco subbuteo			1	1	p	R								
M	2616	Glis glis			0	0		R								
P	5189	Huperzia selago			0	0		V					X			
B	A156	Limosa limosa			1	10	p	R								
B	A292	Locustella luscinioides			30	60	p	R								
M	2631	Meles meles			3	5	i	R								
M	1341	Muscardinus avellanarius			0	0		R								
B	A323	Panurus biarmicus			4	8	p	R					X			
B	A235	Picus viridis			30	40	p	C					X			
B	A006	Podiceps grisegena			10	20	p	R								
B	A249	Riparia riparia			1850	2000	p	C							X	

- **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

[Back to top](#)

Habitat class	% Cover
N14	15.00
N10	3.00
N15	10.00
N06	17.00
N07	25.00
N19	10.00
N17	20.00
N14	15.00
N10	3.00
N15	10.00
N06	17.00
N07	25.00
N19	10.00
N17	20.00
Total Habitat Cover	200

Other Site Characteristics

The wetland site is a fragment of the right-bank valley in the middle reach of the Bug River between Brest and mouth of the Mostitsky Canal. The area includes 107 km of the river course. The watercourse has retained its natural condition. The floodplain is moderately altered, with multiple meanders and oxbows. The site also comprises valleys and ancient stream valleys covered with forest ecosystems that have remained in natural or close-to-natural state. Forest occupies the largest portion (about 70%) of the site area. Water bodies (the stream bed, oxbows, lakes, ponds), meadows and open bogs occupy a minor area. The river stretch within the site is transboundary between Poland and Belarus; the site also borders the Shatsky Lakes Ramsar Site (Ukraine). The main bodies of water at the site are the Bug River (the main bed, a number of oxbows and fragments of old stream beds), the set of ponds of the Stradoch fish farm, the Selyakhi and Stradoch lakes, the Granye ponds and the Domachevo ponds.

4.2 Quality and importance

In general, 209 bird species of 17 genera have been registered within the prospective IBA; 167 species of 16 genera are breeding or supposedly breeding. Forty-four species listed in the Belarus Red Book have been noted in the prospective IBA area; of them 29 are breeding. The species are classified as follows: Category I (CR) – 4 including 1 breeding species; Category II (EN) – 8 including 6 breeding species; Category III (VU) – 20 including 13 breeding species; Category IV (NT) – 12 including 10 breeding species. There are also 12 species under preventive protection, of which 9 are breeding. More than one half of all species listed have an international protective status; thus, 134 (109 breeding) species are listed in Appendix II of the Berne Convention; 61 (46 breeding) species are listed in Appendix III to the same Convention; 55 (40 breeding) species are listed in Annex I to the EU Birds Directive. The population of a number of protected species in the IBA equals to or exceeds 1% of the national population size (the red-necked grebe, podiceps grisegena, (at least 10% of the Belarusian population); great bittern, botaurus stellaris; gadwall, anas strepera; common pochard, aythya ferina; ferruginous pochard aythya nyroca; little crane, porzana parva; common crane, grus; black tern, chlidonias niger (about 2%); little tern, sterna albifrons, middle spotted woodpecker, dendrocopos medius; Eurasian eagle-owl, bubo bubo, common kingfisher, alcedo atthis, European nightjar, caprimulgus europaeus; sand martin, riparia riparia; Savi's warbler, locustella luscinioides – approximately 1% of the national population. The site fauna includes more than 400 invertebrates, 45 fish, 13 amphibian, 7 reptile species. Mammals are represented by 61 species. The IBA flora comprises about 700 species of higher vascular plants. At least 28 species listed in the Belarus Red Book grow there. Three species are listed in Appendix I of the Berne Convention: floating fern (salvinia natans (L.)), toadflax, eastern pasqueflower. Six species are listed in Appendix II of the CITES Convention: common twayblade (listera ovata (L.) R. Br.), red helleborine

(*Cephalanthera rubra* (L.) Rich.), common marsh orchid (*Dactylorhiza majalis* (Reicheb. F.) P. F.), green-winged orchid (*Orchis morio* L.), sword-leaved helleborine (*Cephalanthera longifolia* (L.)), northern coralroot (*Corallorhiza trifida* Chatel.). The site accommodates the only habitat of royal fern (*Osmunda regalis* L.) in Belarus, one of the two known habitats of marsh pennywort (*Hydrocotyle vulgaris* L.) in Belarus. It amasses the largest population groups of common ivy (*Hedera helix* L.), blackthorn (*Prunus spinosa* L.), Austrian mistletoe (*Viscum austriacum* Wiesb.). Several species are on the edge or behind their continuous distribution ranges: Austrian mistletoe (*Viscum austriacum* Wiesb.) is behind its northern range edge; ivy (*Hedera helix* L.), common polypody (*Polypodium vulgare* L.), meadow saxifrage (*Saxifraga granulata* L.) are at the eastern edge of their ranges; баранец обыкновенный (*Huperzia selago* L.) is behind the southern edge of its distribution range; floating fern (*Salvinia natans* (L.)) is at the northern edge of its range, isopyrum thalictroides is at the north-eastern edge of its range. The territory is also an important habitat of such fish species as *Aspius aspius*, *Gobio albipinnatus*, *Sabanejewia aurata*, *Cobitis taenia*, *Cottus gobio*, *Eudontomyzon mariae*.

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		N	i
L			o
M			i
H			b
L			i
L			i
L			i
M			i
L			i
H			b
M			i
M			i
H			i
L			i
M			i
M			i
H			i
L			o
H		N	i
L			o
M			i
H			b
L			i
L			i
L			i
M			i
L			i
H			b
M			i
M			i
H			i
L			i
M			i
M			i
H			i

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

Type	[%]
Public	National/Federal
	0
	State/Province
	0
Local/Municipal	0
	Any Public
	200
Joint or Co-Ownership	0
Private	0
Unknown	0
sum	200

4.5 Documentation

1. Plan of management of the prospective IBA and the Ramsar Wetlands Site "Polesye Valley of the Bug River" 2. Certificate of the IBA "Polesye Valley of the Bug River" 3. Expert data 4. Publications... 5. Information Sheet on the Ramsar Wetlands Site "Polesye Valley of the Bug River" Korytarz ekologiczny doliny Bugu Stan – Zagrożenia – Ochrona / Praca zbiorowa pod redakcją Andrzeja Dombrowskiego, Zygmunta Głowackiego, Wojciecha Jakubowskiego, Ivana Kovalchuka, Zdzisława Michalczyka, Michaila Nikiforova, Wojciecha Sz wajgiera oraz Krzysztofa H. Wojciechowskiego. Fundacja IUCN Poland ul. Narbutta 40/21, 02-541 Warszawa, Poland

5. SITE PROTECTION STATUS

5.1 Designation types at national and regional level:

[Back to top](#)

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
BY03	13.00				

5.2 Relation of the described site with other sites:

Designated at national or regional level:

Type code	Site name	Type	Cover [%]
BY03	Republican Landscape Reserve "Pribuzhskoye Polessie"	*	13.00
BY99	Biosphere Reservation "Zapadnoye Polessie"	*	40.00

Designated at international level:

Type	Site name	Type	Cover [%]
Other	Republican Landscape Reserve "Pribuzhskoye Polessie"	*	13.00
	Biosphere Reservation "Zapadnoye Polessie"	*	40.00

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

[Back to top](#)

Organisation:	Pribuzhskoye Polesye Republican Reserve/ Brest Regional Executive Committee/ Brest Forestry
Address:	
Email:	biorezervat@mail.ru/ brest_rik@mail.by/ brest@lesnoi.by

6.2 Management Plan(s):

An actual management plan does exist:

☒	Yes	Name: Management Plan of IBA/ Wetland of international importance "Polessie Valley of the Bug" Link: http://
☐	No, but in preparation	Name: Management Plan of the Republican Landscape "Pribuzhskoye Polessie" Link: http://
☐	No	

6.3 Conservation measures (optional)

A part of the area (approximately 13%) is included into the Pribuzhskoye Polesye Republican Landscape Reserve, another part (approximately 40%) – into the Zapadnoye Polesye Biosphere Reserve. The key environmental objectives for the area are as follows:

1. Assignment of identified habitats of protected species and biotopes for protection
2. Arrangement of monitoring of compliance with requirements to protection and condition of species and biotopes
3. Enforcement of active nature protection measures, as stipulated in the Management Plan
4. Completion of the process of acquisition of the Ramsar site status
5. Attribution of a national nature protection status to the site

7. MAP OF THE SITE

[Back to top](#)

Map delivered as PDF in electronic format (optional)

☐	Yes	☐	No
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SITE DISPLAY

