



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 BG0000182

SITENAME Orsoya

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code BG0000182	Back to top
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1.3 Site name

Orsoya

1.4 First Compilation date 2005-12	1.5 Update date 2022-11
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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:	2007-03
Date site confirmed as SCI:	2008-12
Date site designated as SAC:	2021-03
National legal reference of SAC designation:	Designation Order No. RD - 318/ 31.03.2021 (promulgated SG 49 /2021) issued by the Minister of Environment and Water.
Explanation(s):	Adopted by Council of Ministers Decision No. 122/02.03.2007 (promulgated SG 21/2007). Extended by Council of Ministers Decision No. 811/16.11.2010 (promulgated SG 96/2010). Issued by the Minister of Environment and Water designation Order No. RD - 318/ 31.03.2021 (promulgated SG 49/2021) with prohibitions and restrictions on activities contradicting the conservation objectives of the site amended and supplemented by Order No RD - 1056/7.11.2022 (promulgated SG 90/2022).

2. SITE LOCATION

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2.1 Site-centre location [decimal degrees]:

Longitude	Latitude
23.0506	43.785

2.2 Area [ha]:

2949.4139

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
BG31	Северозападен / Severozapaden
BG31	Северозападен / Severozapaden

2.6 Biogeographical Region(s)

Continental (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
2340 B			616.16		M	A	A	B	A
3130 B			4.92552		M	C	C	C	C
3150 B			209.46		G	C	C	C	C
3260 B			34.27		G	C	C	C	C
3270 B			5.9		M	C	C	C	C
6430 B			250.02		G	A	B	B	A
6440 B			0.92		G	B	C	B	B
91E0 B			90.02		M	A	C	B	B
91F0 B			53.38		M	B	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		laterimarginalis									X			
F		Cyprinus carpio					P							X
R		Elaphe longissima					C					X		
I		Erpobdella octoculata									X			
F		Esox lucius					P							X
I		Glossiphonia complanata									X			
I		Hirudo medicinalis											X	
A		Hyla arborea					C						X	
R		Lacerta viridis					C						X	
F		Leucaspis delineatus											X	
I		Lymnaea stagnalis									X			
R		Natrix tessellata					P						X	
P		Nuphar lutea					R				X			
P		Nymphaea alba					R				X			
P		Nymphoides peltata					R				X			
A		Pelobates fuscus					C						X	
A		Pelobates syriacus					C						X	
I		Planorbis planorbis									X			
I		Planorbis planorbis									X			
R		Podarcis taurica											X	
F		Proterorhinus marmoratus					P							X
I		Radix auricularia									X			
A		Rana dalmatina					R						X	
F		Sabanejewia bulgarica					P					X		
P		Salvinia natans					R						X	
P		Senecio paludosus					R				X			
F		Silurus glanis					P							X
I		Stagnicola palustris									X			
P		Utricularia vulgaris					R				X			
R		Vipera ammodytes					P						X	
I		Viviparus viviparus									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
N08	1.0
N20	11.0

N06	18.0
N09	18.0
N10	13.0
N07	38.0
N16	1.0
Total Habitat Cover	100

Other Site Characteristics

The site comprises the former Orsoya marsh, located at the bank of the Danube. It also includes a group of islands and a part of the bank, covered by forest vegetation. There are systems of dikes, canals, pumps and other draining facilities. The main habitats in the former marsh are the areas, covered by marsh vegetation, where reed and rush communities dominate. There are also open water surfaces as well as humid meadows. The cultivation of the arable land depends on the success of the draining activities.

4.2 Quality and importance

The site is a former floodplain, which was drained. The arable lands were used, but now are abandoned. There is a natural restoration of the former marshes. There are sand dunes in the plain, which cover very big area. They are the most representative in Bulgaria. The former breeding-ponds of Orsoya are abandoned and now they are with natural regime of flooding and are covered by different aquatic plant communities. The near Kovachev (Dobrina) Island is covered by natural alluvial forest (Salix, Populus, Ulmus, Quercus robur, Fraxinus oxycarpa).

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]
M	B01.02		i
M	K02.03		i
L	A01		i
M	A01		o
M	I01		b
L	A04		b
L	B02.02		i
M	F03.02.03		i
H	J02.01.02		i
L	K02.02		i
H	J02.01.01		i
L	F02.01.02		i
M	E03.01		i
M	C01.01		i
M	B		o
M	F03.01		b
M	D01.02		i

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]
L	F02.01.02		i
M	A01		o
M	F03.01		o
M	B01.02		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 T. Trichkova, T. Stefanov, M. Vasilev, M. Zhivkov - Institute of Zoology, 1 Tsar Osvoboditel Blvd., 1000 Sofia; Mladen Angelov - Green Balkans Federation; Dr. R. Tzonev - Sofia University; Dr. Georgi Hinkov - Forest Research Institute, BAS. Initially listed publications: "Arnold, E., J. Burton, D. Ovenden. 1992. A field guide to the Reptiles and Amphibians of Britain and Europe. Collins Publ., London, 272 pp." Benda, P., T. Ivanova, I. Horacek, V. Hanak, J. Gaisler, J. Cerveny, J. Gaisler, A. Georgieva, B. Petrov, V. Vohralik. 2003. Bats (Mammalia: Chiroptera) of the Eastern Mediterranean. Part 3. Review of bat distribution in Bulgaria. Acta Soc. Zool. Bohem., 67, 245-357." Cramp, St. 1983. Handbook of the Birds of Europe the Middle East and North Africa. The Birds of the Western Palearctic. Volume 4. Oxford University Press, 48-62 pp." Cramp, St., K. Simmons et al. 1977. Handbook of the Birds of Europe the Middle East and North Africa. The Birds of the Western Palearctic. Volume I : Ostrich to Ducks. Oxford University Press." Delany, S., C. Reyes, E. Hubert, S. Pihl, E. Rees, L.

Haanstra, A. Strien. 1999. Results from the International Waterbird Census in the Westwrn Palearctic and Southwest Asia 1995 and 1996. Wetlands International Publication, 54, 178 pp."Georgiev, D. 2003. A report of Mesocricetus newtoni (Mammalia: Cricetidae) from South-Eastern Bulgaria. Trav. Sci. Univ. Plovdiv, Animalia, 39 (6), 107-110."Ivanova, T. 2005. Important Bat Underground Habitats (IBUH) in Bulgaria. Acta zool. Bulg."Horacek, I., J. Cerveny, A. Tausl, D. Vitek. 1974. Notes on the Mammal fauna of Bulgaria (Insectivora, Chiroptera, Rodentia). Vestnik Cesk. Spol. Zool., XXXVIII, 1,19-31."Karapetkova, M., M. Zhivkov . 1995. Fish in Bulgaria. Sofia. "Gea Libris", 247 pp."Kavrakova, V., D. Dimova, M. Dimitrov, R. Tsonev, T.Belev (ed.). 2005. Guide for identification of habitats of European significance in Bulgaria. WWF DCP, Green Balkans Federation. Sofia. 128 pp."Kostadinova, I. (compiler). 1997. Important Bird Areas in Bulgaria. BSPB, Sofia."Kostadinova, I., S. Dereliev. 2001. Results from the midwinter census of waterfowl in Bulgaria for the period 1997-2001 year, Sofia. "Macdonald, D., P. Barret. 1993. Mammals of Britain & Europe. Collins field guide, Harper Collins Publ., London, 312 pp."Michev, T., L. Profirov. 2003. Mid-winter Numbers of Waterbirds in Bulgaria (1977-2001). Results form 25 years of mid-winter counts carried out at the most important Bulgarian wetlands. Sofia - Moscow, 160." Mihov, S. 2002. Field guide of amphibians in Bulgaria, Bourgas Wetlands, 45 pp."Milchev, B., Z. Boev, V. Georgiev. 2004. Die Nahrung der Schleiereule (Tyto alba) in Sudost-Bulgarien. Egretta, 47, 66-77."Nankinov, D., S. Simeonov, T. Michev, B. Ivanov. 1997. Fauna of Bulgaria. Vol. 26: Aves, Part ?? . Sofia, Academic Publishing House "Prof. M. Drinov", 427 pp." Nankinov, D. et al. 2004.Breeding totals of the ornithofauna in Bulgari?. Green Balkans, Plovdiv, 32 pp."Ornithological database of Green Balkans Federation of Nature Conservation NGOs. "Patev, P. 1950. Birds in Bulgaria. BAS, Sofia, 364 pp. "Peshev, T., D. Peshev, V. Popov. 2004. Fauna of Bulgaria. Vol. 27: Mammalia.Sofia. Academic Publishing House "Prof. M. Drinov", 632 pp."Popov, V. 2003. Mammals in Bulgaria. Vitosha Nature Park Directorate, Sofia, "Geosoft", 291 pp."Roché, J. 2000. Die Vogelstimmen Europas auf 4 CDs - Rufe und Gesänge. "Kosmos"." Shurulinkov, P., R. Tsonev, B. Nikolov, G. Stoyanov, L. Assenov. 2005. Birds of Middle Danube Plain. Sofia. 120 pp. In Bulgarian."Simeonov, S., T. Michev. 1991. The birds of the Balkan Peninsula. "Peter Beron", Sofia, 249 pp."Simeonov, S., T. Michev, D. Nankinov. 1990. Fauna in Bulgaria. Vol. 20 Aves. Part . S., BAS, 350 pp." Simeonov, S., T. Michev. 1991. Birds of the Balkan Peninsula. Peter Beron, Sofia, 245 pp. "Swensson, L. 1992. Identification guide to European Passerines. Stockholm."Swensson L., P. Grant. 2000. Bird guide. Harper Collins Publishers, London, 392 pp. "CORINE BIOTOPES database" Sakalyan, M. (eds.). 1993. National Strategy for Biodiversity Conservation. Main Reports. Volume 1Data revised by a team of Bulgarian Academy of Sciences (http://www.bas.bg).Data revised by a team of the Institute for Biodiversity and Ecosystem Research, BAS.New data provided by project "Mapping and assessment of the conservation status of the natural habitats and species - Phase 1" (see link).Site-specific Conservation Objectives for Natura 2000 site BG0000182;

Link(s): <http://natura2000.moew.government.bg/Home/ProtectedSite?code=BG0000182&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 [%]
BG06	5.33	BG00	94.67		

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
BG06	Ribarnitzi Orsoya	+	5.33

5.3 Site designation (optional)

This is the most important site in Bulgaria for the habitat 2340 - inland dunes. There is a big diversity of habitats, plants and animals (especially birds), which are with nature-conservation importance. The site is Important Bird Area.

6. SITE MANAGEMENT

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6.1 Body(ies) responsible for the site management:

Organisation:	Regional Inspectorate of Environment and Water: Montana
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 type="checkbox"/>

No

6.3 Conservation measures (optional)

Restoration of the natural alluvial forests. Stopping of the illegal excavations on the dunes. Restoration of part from the former marshes on the place of the breeding-ponds.

7. MAP OF THE SITES

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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).