



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 BG0000146
SITENAME Plazh Gradina - Zlatna ribka

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code BG0000146	Back to top
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1.3 Site name

Plazh Gradina - Zlatna ribka

1.4 First Compilation date 2004-01	1.5 Update date 2023-09
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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 - 285/ 31.03.2021 (promulgated SG 45/ 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. 660/01.11.2013 (promulgated SG 97/2013), including the area of SCI BG0000110 „Ostrovi Sv. Ivan i Sv. Petar” deleted by the same Decision. Issued by the Minister of Environment and Water designation Order No. RD - 285/ 31.03.2021 (promulgated SG 45/2021) with prohibitions and restrictions on activities contradicting the conservation objectives of the site, amended and supplemented by Order No RD-715/28.09.2023 (promulgated SG 83/2023).

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

Longitude	Latitude
27.6704	42.4237

2.2 Area [ha]:

1245.85

2.3 Marine area [%]

80.54

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code Region Name

BG34	Югоизточен / Yugoiztochen
BGZZ	Extra-Regio

2.6 Biogeographical Region(s)

Marine (82.95 %)	Black Sea (17.05 %)
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3. ECOLOGICAL INFORMATION

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
1110 B			933.65		G	A	B	B	A
1140 B			4.4972		M	B	B	B	B
1160 B			229.45		M	A	C	C	B
1170 B			95.92		G	A	C	B	B
1240 B			8.0		G	B	B	B	B
1410 B			0.7		G	B	B	B	B
2110 B			10.43		G	B	B	C	C
2120 B			2.95		G	B	B	C	C
2130 B			21.43		G	A	B	C	C
2190 B			0.09		G	C	C	C	C
8330 B			4.0072	2	M	A	B	A	A

- **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
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G	Code	Scientific Name	S	NP	T	Size		Unit	Cat.	D. qual.	A B C D			
						Min	Max				Pop.	Con.	Iso.	Glo.
F	4125	Alosa immaculata			p	200	200	i	P	M	C	B	C	C
F	4127	Alosa tanaica			p				R	P	C	B	A	C
R	5194	Elaphe sauromates			p			grids1x1	P	DD	C	B	C	B
R	1220	Emys orbicularis			p	4	4	grids1x1	V	P	C	A	C	B
M	1351	Phocoena phocoena			p			p	C	M	C	C	C	C
R	1219	Testudo graeca			p	2	2	grids1x1	V	P	C	C	C	C
R	1217	Testudo hermanni			p			grids1x1	P	DD	C	C	C	C
A	1171	Triturus karelinii			p	1	1	grids1x1	V	P	C	C	C	C
M	1349	Tursiops truncatus			p	1	3	i	R	M	C	C	C	C
M	2635	Vormela peregusna			p				P	DD	C	C	C	C
R	6095	Zamenis situla			p			grids1x1	P	DD	C	B	C	A

- **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
I		Abra alba					i	V						X
F	5538	Aidablennius sphynx						P					X	
F	5562	Atherina boyeri						P			X			
P		Aurinia uechritziana						R			X			
I		Brachynotus sexdentatus					i	V						X
A	1201	Bufo viridis						C	X				X	
I		Calosoma sycophanta						C			X			
I		Carabus intricatus						R			X			
I		Chamelea gallina					i	R						X
R	1278	Coluber caspius						C	X				X	
F	5614	Coryphoblennius galerita						P					X	
R	6154	Cyrtodactylus kotschy						C					X	
P		Cystoseira barbata						C						X
P		Cystoseira crinita						C			X		X	
I		Cytharella costulata					i	V						X
M	1350	Delphinus delphis					i	R	X		X		X	

R	1281	Elaphe longissima						C	X				X	
I		Epacromius coerulipes						V			X			
I		Eriphia verrucosa						C			X		X	
P		Eryngium maritimum						R			X			
P		Goniolimon tataricum			300	400	i				X			
I		Heteropterus morpheus						C						X
F	5671	Hippocampus guttulatus						P					X	
A	1203	Hyla arborea						C	X				X	
R	1251	Lacerta trilineata						C	X				X	
R	1263	Lacerta viridis						C	X				X	
P		Limonium gmelinii			180	300	i				X			
F	5704	Liza ramada						P					X	
I		Melitaea trivia						C					X	
F	5716	Mesogobius batrachocephalus						P					X	
I		Mytilaster lineatus					i	C						X
I		Mytilus galloprovincialis						C						X
R	1292	Natrix tessellata						C	X				X	
P		Nemalion helmintoides									X			
F	5759	Neogobius melanostomus						P					X	
I		Oryctes nasicornis						C			X			
I		Pachygrapsus marmoratus						C					X	
A	5782	Pelobates syriacus balcanicus						C	X				X	
P		Phyllophora crispa						V			X		X	
I		Platynereis dumerilii					i	R						X
R	1248	Podarcis taurica						C	X				X	
A	1209	Rana dalmatina						C	X				X	
P		Ruppia maritime					shoots	R						X
F	5826	Salaria pavo						P					X	
F	5867	Symphodus ocellatus						P					X	
F	5874	Syngnathus typhle						P					X	
R	2444	Typhlops vermicularis												X
R	1295	Vipera ammodytes						C	X				X	
I		Xantho poressa						C					X	
P		Zanichellia palustris					shoots	C						X
P		Zostera marina					shoots	C			X		X	
P		Zostera noltii					shoots	C						X
F	5911	Zosterisessor ophiocephalus					i	C			X			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
N01	82.0
N09	2.0
N04	4.0
N23	5.0
N05	2.0
N07	5.0
Total Habitat Cover	100

Other Site Characteristics

The terrestrial part of the site is combination of a long beach with small dunes and floodplain forests. In the marine part of the site are included the Islands of Sv. Ivan and Sv. Petar. Island of Sv. Petar - There is a lighthouse with little farms around it. There are a few fishing huts in the west and one in the eastern part of the island. The territory is taken by thorny bushes where hare colonies are found. On the island are grazing cows and goats. The island is completely ruderalized. There are numerous hare colonies on the island. Only on the coastal rocks (with inclination 30-90%) to the sea are seen representatives of the coastal rocky vegetation. The island is used by fishermen and during the summer season for one-day trips. Island of Sv. Ivan - Completely ruderalized. Only Chenopodiaceae species. Waterless island, covered with guano by the gulls with layer thickness between 10-15 cm. Place for breeding. Only on the coastal rocky splits are found individual representatives of rocky vegetation. The island is not visited. The site is under strong tourist impact.

4.2 Quality and importance

The site is important for the existing of invertebrate fauna, different coastal habitats, especially habitat type "humid dune slacks". The southern part of the bay of Sozopol includes one of the largest deposits in the region of subtype 1110-1 "underwater meadows with sea grasses," which is in relatively good ecological condition and has good prospects for achieving and maintaining favorable conservation status. The islands in the site are the only natural habitat of the Yellow-legged Gull (*Larus cachinnans*) remaining on our sea coast. Island of Sv. Petar - the populations of Goniolimon and Limonium are small in a state of progressive nitrification. There is no old information about the situation of the natural environment on the Island of Sveti Petar and comparison cannot be made. The forecast is unfavorable - continuing dying of the natural flora and in the best case preserving of some fragments of the cliff zone. Island of Sveti Ivan - species with conservation value are found on the island. On the Bulgarian seacoast there is not an analogy to the specific mezoconditions that exist on the island of Sveti Ivan and although it is close to a settlement it is not visited. It could be used as an ecological model of the processes of complete nitrification. The processes are natural.

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	G05	X	b
M	D03.01	X	b
M	D01.02	X	o
M	A04		i
M	E03	X	b
H	H03	X	b
M	D03.01.03	X	o
L	C01.01		b
M	F02.01		b
H	E01	X	i
L	F02.03		b

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

M	F02.01.02		i
M	G02.08	X	b
M	G01		b
L	F02.02.01		i
M	G02		b
H	H01	X	b
H	A08	N	i
M	K02.03		i
H	E01.01	X	o
M	D03.01.02		i
M	D01.02	O	i
M	C01.01.02		b
M	F05		b

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)

Type	[%]	
Public	National/Federal	89.27
	State/Province	0
	Local/Municipal	7.68
	Any Public	0
Joint or Co-Ownership	0.04	
Private	3.01	
Unknown	0	
sum	100	

4.5 Documentation

Initial proposal and description of the site made by D. Berov, V. Karamfilov, G. Hibaum, V. Vasilev, Z. Hubenov, Hr. Delchev, D. Dobrev, Ch. Gusev - Institute of Biodiversity and Ecosystem Research, BAS; V. Todorova - Institute of Oceanology, BAS; A. Tsekov, I. Dobrovolev; R. Tsonev - Sofia University; K. Popov, S. Dalakchieva, R. Stanchev, S. Ivanov - BOC, BAS; A. Stoyanov - NMNH. 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). Data revised in 2023 by an expert team led by Umweltbundesamt GmbH and published Site-specific Conservation Objectives for Natura 2000 site BG0000146.

Link(s): <https://natura2000.egov.bg/EsriBq.Natura.Public.Web.App/Home/ProtectedSite?code=BG0000146&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	4.73	BG00	92.22	BG03	3.05

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
BG03	Pyasachni Dyuni M/U K-G.ZI.Ribka I K-G Gradina	+	3.05
BG06	Ostrovi Sv. Ivan i Sv. Petar	+	2.4
BG06	Blatoto	+	2.33

5.3 Site designation (optional)

The Islands of Sv. Ivan and Sv. Petar are Protected Site "Ostrovi Sv. Sv.Ivan I Petar" designated for conservation of natural habitat of protected and rare bird species.

6. SITE MANAGEMENT

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6.1 Body(ies) responsible for the site management:

Organisation:	Basin Directorate for Water Management in the Black Sea Region - Varna
Address:	33 Aleksandar Dyakovich Str., Varna 9000
Email:	bdvarna@bsbd.bg

Organisation:	Regional Inspectorate of Environment and Water - Burgas
Address:	67 Perushtitsa Str., hc "Lazur", floor 3, P.O. box 219, Burgas 8000
Email:	riosvbs@unacs.bg

Organisation:	Ministry of Environment and Water
Address:	22 Maria Luiza Blvd., Sofia 1000
Email:	natura2000@moew.government.bg

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)

Appropriate measures against physical impacts on habitats 1110 and 1170 include: ban on the extraction of sand, gravel, stones; prohibition of breaking rocks, moving of rock blocks and stones; prohibiting burial of habitats subject of protection under dredge disposals; ban on sealing of habitats subject of protection with permanent structures, including artificial underwater reefs and islands; prohibition of conducting actions associated with interference in hydrological processes leading to significant changes in temperature regime, salinity, currents and wave effects; ban on the use of bottom trawling and dredging equipment, including sucking dredgers; prohibition of prospecting, exploration and exploitation of natural resources in zone "A" of the Black Sea coast under Black Sea Coast Development Act; prohibition of the introduction of solid waste. Appropriate measures against chemical impacts on habitats 1110 and 1170 include: prohibiting the discharge of untreated wastewater, the quantity and quality of treated waters must meet the requirements for individual emission limits specified in the discharge permit issued in accordance with the requirements of the Water Act ; prohibition on discharge of treated wastewater to a depth less than 20 meters; application of deep discharge; prohibition on introduction of hazardous substances - synthetic, non-synthetic and radionuclides. Necessary measures against selective fishing and collection of species, including by-catch, to protect habitats 1110 and 1170 and species 4127 *Alosa tanaica* and 4125 *Alosa immaculata*: Ban on commercial and recreational fishing of fish and molluscan aquatic organisms with the following appliances, tools, accessories and devices - explosives, poisonous and intoxicating substances, electric current and other equipment stunning the fish, bottom trawling and dredging equipment, firearms, jigging; Prohibiting fishing for *Alosa* spp. species during their period of reproduction; Prohibiting fishing, carrying, transport, sell and buy of *Alosa* spp. smaller than 22 cm.; In case of determining status changes to the stocks of *Alosa* spp. threatening their natural reproduction and economic importance, the Minister of Agriculture and Food in coordination with the Minister of Environment and Water imposes a ban on their use for a period of time not less than one year; Ban on commercial fishing of sand mussels *Donacilla cornea*, *Donax trunculus*, *Chamelea gallina* and decapods *Upogebia pusilla* and *Callianassa candida*; Permissible quantities for recreational fishing are up to 1 kg for *Donacilla cornea*, *Donax trunculus*, up to 2 kg for *Chamelea gallina*, up to 0.5 kg for crustacean *Upogebia pusilla*; Ban on commercial and recreational catch of polychaete worms *Arenicola marina* and decapods *Callianassa* spp.; Ban on commercial fishing of *Mytilus galloprovincialis* from natural mussel banks on rocky bottom and sediment; Permissible quantities for recreational catch of *Mytilus galloprovincialis* are up to 2 kg.; Prohibiting of fishing, carrying and transport of *Mytilus galloprovincialis* from natural mussel banks on rocky bottom and sediment smaller than 7 cm; Prohibition of commercial catch of warty crab *Eriphia verrucosa*. Permissible quantities for recreational fishing are up to 1 kg; Prohibiting of fishing, carrying and transport of warty crabs *Eriphia verrucosa* smaller than 5 cm; Prohibiting fishing for warty crab *Eriphia verrucosa* during the period 1 April to 31 May; Prohibition of picking, collecting, cutting, uprooting or otherwise destroying the specimens of sea grass species *Zostera marina*, *Z. noltii*, *Zannichellia palustris*, *Potamogeton pectinatus* in their natural range; Prohibition of picking, collecting, cutting, uprooting or otherwise destroying the specimens in their natural range of the species of macroalgae *Cystoseira* spp, *Phyllophora crispa*. Necessary measures for the protection of cetaceans 1349 *Tursiops truncatus*, 1351 *Phocoena phocoena* and 1350 *Delphinus delphis*: Prohibited all forms of deliberate capture or killing of specimens by any appliances, tools and methods; persecution and disturbance, particularly during the period of breeding, rearing, wintering and migration; taking found dead specimens; possession, rearing, transportation, carrying, export, trading and offering for sale or exchange of specimens taken from the wild; taxidermy, possession, display in public, handling, transportation, export, trading and offering for sale or exchange of taxidermy specimens. Equipment of fixed fishing gear with repellent devices. Necessary measures against invasive alien species: Subsidized catch of *Rapana venosa* and egg cocoons by scuba method and traps; Deliberate introduction into the marine environment of alien species is prohibited; Prohibited reballasting of ships in the aquatory of the SCI. For prevention appropriate

assessment under art. 6 of the Habitats Directive is needed for the following projects and investment proposals: the construction of harbors and port installations; shore reinforcement and shore protection constructions (dikes, jetties, breakwaters); prospecting, exploration and exploitation of natural resources; prospecting, exploration and exploitation of oil, natural gas and unconventional hydrocarbons; construction of oil and gas pipelines; facilities for the production of electricity by wind power; farming of fish and shellfish aquatic organisms; underwater or floating constructions for tourist purposes. In order to control the status and effectiveness of conservation management measures monitoring of the conservation status of habitats and species populations is needed. Prohibitions and regimes in the “Ostrovi Sv. Sv.Ivan I Petar” Protected Site: Prohibited construction, disclosure of quarries and other activities that modify the natural appearance of the locality or its water system, except activities related to archaeological research, conservation, restoration and exhibition of monuments; Prohibited afforestation with species uncharacteristic of the region; Prohibited grazing of domestic animals, except for the personal needs of employees of the lighthouse on the island of St. Ivan; Prohibited hunting, fishing and archeological excavations during the breeding season of the birds from 1 April to 30 July; Prohibited to injure and destroy the rock formations; Prohibited exportation of European Rabbits outside of island St. Ivan and their resettlement.

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).