



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 **BG0001500**
SITENAME **Aladzha banka**

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1. SITE IDENTIFICATION

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1.1 Type B	1.2 Site code BG0001500
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1.3 Site name

Aladzha banka

1.4 First Compilation date 2012-07	1.5 Update date 2015-07
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1.6 Respondent:

Name/Organisation:	Ministry of Environment and Water, "National Nature Protection Service" Directorate
Address:	Sofia Maria Luiza Blvd. 22 1000 Sofia
Email:	r.dimova@moew.government.bg

Date site proposed as SCI:	2013-11
Date site confirmed as SCI:	No data
Date site designated as SAC:	No data
National legal reference of SAC designation:	No data

Explanation(s):	Adopted by Council of Ministers Decision No. 660/01.11.2013 (promulgated SG 97/2013).
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2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude

28.0567

Latitude

43.2781

2.2 Area [ha]:

669.64

2.3 Marine area [%]

100.0

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code
Region Name

BGZZ	Extra-Regio
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2.6 Biogeographical Region(s)

Marine (100.0
Black Sea %)

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
1110			126.75		G	B	C	B	B
1170			522.26		G	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				
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.	Cons.	Isol.	Glob.
F	4125	Alosa immaculata			p				P	P	C	B	C	C
F	4127	Alosa tanaica			p				P	P	C	B	C	C
M	1351	Phocoena phocoena			p				P	P	C	C	C	C

M	1349	Tursiops truncatus			p				P	P	C	C	C	C
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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		Eriphia verrucosa									X			X	
I		Mytilus galloprovincialis													X
I		Pachygrapsus marmoratus												X	
I		Pilumnus hirtellus												X	
I		Xantho poressa												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	100.0
Total Habitat Cover	100

Other Site Characteristics

The rocky reef "Aladzha banka" was formed in the Holocene by slumped middle-sarmatic rock complex of limestone, calcareous marl, calcareous sandstone and marl. The bank is located along the coast opposite the "Zlatni Pyasatsi" beach and "Riviera" beach, at a distance of 400 m to 2100 m from the shoreline, with length of 4 km and a width of up to 1.5 km, at a depth of 5 to 12 m. Its terrain is heavily undulated with a displacement of 2 to 4 m. "Aladzha banka" has excellent representativity of the biotope " Infra- and circalittoral rock overgrown by blue mussels *Mytilus galloprovincialis* And *Mytilaster lineatus*", which is a subtype of habitat 1170. There are many methane springs in the bank region.

4.2 Quality and importance

With its total area of 522 ha, the relative size of the bank constitutes over 3% of the national coverage of the rocky reefs, which defines the bank as one of the largest in the Bulgarian Black Sea. The mussel fouling covers 100% with a

predominance of large size (? 7 cm) specimens of the big blue mussel, a testament to the good status of the mussel population. The accompanying attached and mobile invertebrate fauna is characterized by high diversity. "Aladzha banka" is important to achieve connectivity between the reefs of our southern and the northern Black Sea in the network of marine SCIs. The bank is ecologically important as a natural biofilter of the coastal waters into the aquatic environment to the resort "Zlatni Pyasatsi" (Golden Sands) and as a donor of larvae for the restoration of mussel fouling on other rocky reefs affected by the invasion of *Rapana venosa*. The main anthropogenic threats to the site are tourism and urbanization and the resulting elevated levels of nitrogen and phosphorus inflow from point and diffuse sources, increased amounts of solid waste from households and tourist complexes.

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	I01		b
H	H01.03	P	o
H	H01.08	N	o
M	E03.01		o
M	G01.01		i
H	E01.02	N	o

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]
L	U		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	100
	State/Province	0
	Local/Municipal	0
	Any Public	0
Joint or Co-Ownership	0	
Private	0	
Unknown	0	
sum	100	

4.5 Documentation

Proposal and description of the site made by V. Todorova - Institute of Oceanology, BAS / 1-vi May Str. 40, 9000 Varna / vtodorova@io-bas.bg Documents: V. Todorova et al., 2012. Report on implementation of grant Contract No. 7976 / 04.04.2011, between EMEPA and the Institute of Oceanology. Project: "Expansion of the Natura 2000 ecological network in the Bulgarian Black Sea marine area to overcome the moderate insufficiencies regarding marine habitats 1110 "Sandbanks which are slightly covered by sea water all the time" and 1170 "Reefs" and species 4125 *Alosa immaculata*, 1349 *Tursiops truncatus* and 1351 *Phocoena phocoena* and partial filling of scientific reserve for habitat 1180 " Submarine structures made by leaking gases" and species 1349 *Tursiops truncatus* in accordance with the conclusions from the Marine Black Sea Seminar, Brindisi, 15 June 2010". Fund of IO-BAS. Assessment of the current status of waters in the Black Sea Basin region for 2010. Basin Directorate for water management in the Black Sea region. http://www.bsbd.org/UserFiles/File/godishen%20doklad%20za%20sastoianieto%20na%20vodite%202010_raboten%20variant.pdf

Link(s): <http://natura2000.moew.government.bg/Home/ProtectedSite?code=BG0001500&siteType=HabitatDirective>
http://www.bsbd.org/UserFiles/File/godishen%20doklad%20za%20sastoianieto%20na%20vodite%202010_raboten%20variant.pdf

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:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
BG05	Zlatni Pyasatsi	/	

5.3 Site designation (optional)

"Zlatni Pyasatsi" is designated as a Natural Park with the aim: conservation of plant and animal communities and typical earth formations and landscapes that have scientific and cultural value and significance. The site does not border the natural park but is situated in its vicinity – occupying the marine area before the beach next to the park boundaries.

6. SITE MANAGEMENT

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6.1 Body(ies) responsible for the site management:

Organisation:	Regional Inspectorate of Environment and Water – Varna
Address:	4 Yan Palah Str., Varna 9000
Email:	riosv-vn@mbox.contact.bg

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

Organisation:	Ministry of Environment and Water
Address:	22 Maria Luiza Blvd., Sofia 1000
Email:	nnps@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 habitat 1170 include: ban on the extraction of gravel and 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; 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 habitat 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 habitat 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 *Mytilus galloprovincialis* from natural mussel banks on rocky bottom; 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 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 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.

7. MAP OF THE SITES

INSPIRE ID:

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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).