



Ramsar Information Sheet

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Bulgaria

Atanasovsko Lake



Designation date	28 November 1984
Site number	292
Coordinates	42°33'54"N 27°28'29"E
Area	1 995,06 ha

Color codes

Fields back-shaded in light blue relate to data and information required only for RIS updates.

Note that some fields concerning aspects of Part 3, the Ecological Character Description of the RIS (tinted in purple), are not expected to be completed as part of a standard RIS, but are included for completeness so as to provide the requested consistency between the RIS and the format of a 'full' Ecological Character Description, as adopted in Resolution X.15 (2008). If a Contracting Party does have information available that is relevant to these fields (for example from a national format Ecological Character Description) it may, if it wishes to, include information in these additional fields.

1 - Summary

Summary

Atanasovsko Lake is a hypersaline lake which resembles a liman to the north and a lagoon to the south. A considerable part of its surface is used for salt production with preserved primitive salt production methods. It is located north of the city of Burgas, near the sea coast. Small freshwater marshes, together with a system of canals overgrown with marsh vegetation, surround the lake. The fresh water from the catchment area of the lake is collected in a canal during November-April and flows into the sea. The eastern part of this canal also supplies the salt-works with seawater from Burgas Bay during May-October. Thus the water in the canal is fresh during the first half of the year and saline during the second half. Atanasovsko Lake includes a considerable variety of habitats. Most characteristic are the shallow saline ponds without higher vegetation, divided by dikes, and other areas which are free of vegetation or are covered with *Salicornia europaea*.

Lake Atanasovsko is part of the Burgas lake complex – one of the three most important wetland complexes for waterbirds concentrating along the Bulgarian Black Sea coast. In the area of Lake Atanasovsko are recorded 288 species, 127 of which are included in the Red Data Book of Bulgaria /2011/. The lake hosts the larger part of the Bulgarian population of *Recurvirostra avosetta*, *Himantopus himantopus* and *Charadrius alexandrinus*, and thus it is the most important site for these species.

Lake Atanasovsko is located along the migration path of Via Pontica and is a typical migration bottleneck for migrating soaring birds coming from a large part of Northern, Eastern and Central Europe. Up to 240 000 storks and 60 000 raptors visit the lake annually during the autumn migration. This is the place with the highest migration density of *Pelecanus onocrotalus* and *P. crispus*, *Circus aeruginosus*, *Falco vespertinus* and is second after the Bosphorus in the concentration of *Aquila pomarina*. Together with the other Burgas lakes it is one of the most favourable overnighting sites for pelicans and storks between the Danube Delta and the Bosphorus. During this period *Phalacrocorax pygmeus* and *Platalea leucorodia* are often encountered in considerable numbers. During the migration period there was a sighting of the very rare and globally threatened species *Numenius tenuirostris*. As the lake does not freeze in winter, it is a site of global importance for wintering waterbirds.

2 - Data & location

2.1 - Formal data

2.1.1 - Name and address of the compiler of this RIS

Compiler 1

Name	1. Maya Stoyneva, 2. Nevena Kamburova-Ivanova, 3. Elena Georgieva, 4. Iva Fikova, 5. Peter Petrov, 6. Nikola Kalaydzhiev
Institution/agency	Sofia University
Postal address	Faculty of Biology, 8 "Dragan Tsankov" Blvd., Sofia 1164, BULGARIA
E-mail	mstoyneva@uni-sofia.bg
Phone	+359 2 8167350

Compiler 2

Name	Aylin Hasan
Institution/agency	Ministry of Environment and Water, Bulgaria
Postal address	22 "Knyaginya Mariya Luiza" Blvd., Sofia 1000, BULGARIA
E-mail	ahasan@moew.government.bg
Phone	+359 2 9406103
Fax	+359 2 9406127

2.1.2 - Period of collection of data and information used to compile the RIS

From year	2002
To year	2019

2.1.3 - Name of the Ramsar Site

Official name (in English, French or Spanish)	Atanasovsko Lake
Unofficial name (optional)	Бургаски солници

2.1.4 - Changes to the boundaries and area of the Site since its designation or earlier update

(Update) A. Changes to Site boundary	Yes <input checked="" type="radio"/> No <input type="radio"/>
(Update) The boundary has been delineated more accurately	<input type="checkbox"/>
(Update) The boundary has been extended	<input checked="" type="checkbox"/>
(Update) The boundary has been restricted	<input type="checkbox"/>
(Update) B. Changes to Site area	No change to area

2.1.5 - Changes to the ecological character of the Site

(Update) 6b i. Has the ecological character of the Ramsar Site (including applicable Criteria) changed since the previous RIS?	Yes (actual)
(Update) Are the changes	Positive <input checked="" type="radio"/> Negative <input type="radio"/> Positive & Negative <input type="radio"/>
(Update) Positive %	100
(Update) No information available	<input type="checkbox"/>
(Update) Optional text box to provide further information	

The positive change in the ecological character of Atanasovsko Lake is caused by the implementation of the project Urgent Measures to Restore and Secure Long-term Preservation of the Atanasovsko Lake Coastal Lagoon/ LIFE11 NAT/BG/000362 (Salt of Life). It is 6-years long project – from 01.07.2012 till 31.08.2018. The project is implemented by the Bulgarian Biodiversity Foundation, in partnership with the Black Sea Salinas Ltd. and Bulgarian Society for the Protection of Birds. The project is worth € 2,013,027, of which 75% is provided by the European Union through the LIFE + Nature program. Through this financing 23-km freshwater canal that surrounds the lake and collect rainwater from settlements and fields around are repaired. Habitats, roosting and breeding sites are restored by dykes and barriers repair, destroyed during the great flood in 2010, providing appropriate nesting sites of rare bird species that inhabit the lagoon. Four new islands for nesting terns and Avocets are built in the south.
 For further information, visit the project website: <http://saltoflife.biodiversity.bg/en/>

Now there is another project on Atanasovsko Lake – „ The Lagoon of LIFE - Maintain the Man-Lake Symbiosis for the Benefit of Species and Habitats of EU conservation concern“ /LIFE17 NAT/BG/000558/. The Lagoon of LIFE project aims to demonstrate solutions for enhancing the conservation status of 'coastal lagoons', a priority habitat of the Habitats Directive, in the Atanasovsko Lake Natura 2000 site in Bulgaria. For further information, visit the project website: <https://lagoon.biodiversity.bg/home-3-1> and http://ec.europa.eu/environment/life/project/Projects/index.cfm?fuseaction=search.dspPage&n_proj_id= 6794

(Update) Changes resulting from causes operating within the existing boundaries?

(Update) Changes resulting from causes operating beyond the site's boundaries?

(Update) Changes consequent upon site boundary reduction alone (e.g., the exclusion of some wetland types formerly included within the site)?

(Update) Changes consequent upon site boundary increase alone (e.g., the inclusion of different wetland types in the site)?

(Update) Please describe any changes to the ecological character of the Ramsar Site, including in the application of the Criteria, since the previous RIS for the site.

Habitats, roosting and breeding sites are restored by dykes and barriers repair, providing appropriate nesting sites of rare bird species that inhabit the lagoon (Criterion 2, 3 and 4). Four new islands for nesting terns and Avocets are built in the south.
 23-km freshwater canal that surrounds the lake and collect rainwater from settlements and fields around are repaired

(Update) Is the change in ecological character negative, human-induced AND a significant change (above the limit of acceptable change) Yes

2.2 - Site location

2.2.1 - Defining the Site boundaries

b) Digital map/image

<1 file(s) uploaded>

Former maps

Boundaries description

The Republic of Bulgaria is a country in Southeast Europe. It is bordered by Romania to the north, Serbia and North Macedonia to the west, Greece and Turkey to the south, and the Black Sea to the east. Burgas District is a province in southeastern Bulgaria, including southern Bulgarian Black Sea Coast.

Situated on the southern Bulgarian coast, Atanasovsko Lake is one of the four lakes of the Burgas Wetland Complex surrounding the city. To the south, the lake borders on the urban part of the town of Burgas and extends approximately 10 km away to the north from the town. The lake, oriented from north to south, is 9.5 km long and 4.2 km at its widest.

Near the Atanasovsko Lake, to the east, is located the Burgas Airport and the main road to the airport (International Road E87) crosses the wetland.

The area of the Ramsar site "Atanasosko Lake" includes completely the area of the Managed Reserve "Atanasovsko Lake" located in the northern part of the wetland and the area of the Protected Site "Burgaski solnitsi" a former buffer zone around the Managed Reserve "Atanasosko Lake". The boundaries of the Ramsar site completely overlaps with the boundaries of the Managed Reserve "Atanasovsko Lake" and the Protected Site "Burgaski solnitsi".

The territory of Ramsar site "Atanasovsko Lake" falls within the boundaries of Natura 2000 site BG0000270 "Atanasovsko ezero" designated both under the Birds and Habitats Directives.

The reason for extension of boundaries of Ramsar site "Atanasovsko Lake" is the inclusion of whole territory of Protected Site "Burgaski solnitsi" a former buffer zone around the Managed Reserve "Atanasosko Lake" within the Ramsar site.

Official data on the boundaries of the site are used for the process of defining the boundary and creating the digital map image.

2.2.2 - General location

a) In which large administrative region does the site lie?

b) What is the nearest town or population centre?

2.2.3 - For wetlands on national boundaries only

a) Does the wetland extend onto the territory of one or more other countries? Yes No

b) Is the site adjacent to another designated Ramsar Site on the territory of another Contracting Party? Yes No

2.2.4 - Area of the Site

Official area, in hectares (ha): 1995.06

Area, in hectares (ha) as calculated from GIS boundaries 1995.056

2.2.5 - Biogeography

Biogeographic regions

Regionalisation scheme(s)	Biogeographic region
EU biogeographic regionalization	Black Sea Region

3 - Why is the Site important?

3.1 - Ramsar Criteria and their justification

- Criterion 1: Representative, rare or unique natural or near-natural wetland types

Other ecosystem services provided

The Ramsar site Atanasovsko Lake includes representative wetland types that provide provisioning Services (non-food products). A considerable part of the Ramsar site surface is used for salt production with preserved primitive salt production methods. The canals and ditches play a significant role for the biodiversity, especially the nesting waterfowl. Atanasovsko Lake provide supporting services and are really important for a variety of water-birds during migration. The site is important for its scientific and educational service. Long-term monitoring is implemented and also is a major scientific study site. Other noteworthy are the recreation and tourism services.

- Criterion 2 : Rare species and threatened ecological communities

- Criterion 4 : Support during critical life cycle stage or in adverse conditions

- Criterion 5 : >20,000 waterbirds

Overall waterbird numbers	30000-32000
Start year	2010
Source of data:	Executive Environmental Agency of Bulgaria-Monitoring of Wintering birds

- Criterion 6 : >1% waterbird population

3.2 - Plant species whose presence relates to the international importance of the site

Scientific name	Common name	Criterion 2	Criterion 3	Criterion 4	IUCN Red List	CITES Appendix I	Other status	Justification
<i>Aeluropus litoralis</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Red Data Book of Bulgaria - VU; Biological Biodiversity Act - III	
<i>Calystegia soldanella</i>	Seashore False Bindweed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Red Data Book of Bulgaria - EN; Biological Biodiversity Act - III	
<i>Centaureum maritimum</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Red Data Book of Bulgaria - CR; Biological Biodiversity Act - III	
<i>Cladium mariscus</i>	Great Fen-Sedge	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LC	<input type="checkbox"/>	Red Data Book of Bulgaria - EN; Biological Biodiversity Act - III	
<i>Eryngium maritimum</i>	Seaside Eryngo	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Red Data Book of Bulgaria - EN; Biological Biodiversity Act - III	
<i>Frankenia pulverulenta</i>	European Seaheath	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Red Data Book of Bulgaria - CR; Biological Biodiversity Act - III	
<i>Gypsophila perfoliata</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Red Data Book of Bulgaria - EN; Biological Biodiversity Act - III	Gypsophila trichotoma
<i>Limonium gmelinii</i>	Siberian Statice	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Red Data Book of Bulgaria - EN; Biological Biodiversity Act - III	
<i>Otanthus maritimus</i>	Cottonweed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Red Data Book of Bulgaria - CR; Biological Diversity Act of Bulgaria - III	
<i>Petrosimonia brachiata</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Red Data Book of Bulgaria - CR; Biological Biodiversity Act - III	
<i>Silene euxina</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Red Data Book of Bulgaria - EN; Appendix III of Biological Diversity Act of Bulgaria ("Protected species")	
<i>Stachys maritima</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Red Data Book of Bulgaria - EN; Biological Biodiversity Act - III	
<i>Suaeda heterophylla</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Red Data Book of Bulgaria - CR; Biological Biodiversity Act - III	

3.3 - Animal species whose presence relates to the international importance of the site

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence ¹⁾	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
Birds																		
CHORDATA / AVES	<i>Accipiter gentilis</i>	Northern Goshawk	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	2010-2014 (win)		LC	<input type="checkbox"/>	<input type="checkbox"/>	Red Data Book of Bulgaria – EN; Biological Diversity Act of Bulgaria – III; Bern Convention – II; CITES-II; CMS - II	
CHORDATA / AVES	<i>Accipiter nisus</i>	Eurasian Sparrowhawk	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	2010-2019 (win)		LC	<input type="checkbox"/>	<input type="checkbox"/>	Red Data Book of Bulgaria – EN; Biological Diversity Act of Bulgaria – III; Bern Convention – II; CITES-II; CMS - II	

Phylum	Scientific name	Common name	Species qualifies under criterion			Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence ¹⁾	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification		
			2	4	6	9	3	5	7									8	
CHORDATA / AVES	<i>Anas acuta</i>	Northern Pintail	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	131	2010-2019 (win)		LC	<input type="checkbox"/>	<input type="checkbox"/>	Directive 2009/147/EO-III	Cr.4: As staging and overnight place mainly during migration and wintering. In 2018 pop. size is 570 birds.
CHORDATA / AVES	<i>Anas clypeata</i>	Northern Shoveler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	317	2010-2019 (win)			<input type="checkbox"/>	<input type="checkbox"/>	Directive 2009/147/EO-II, III	Cr. 4: Wintering
CHORDATA / AVES	<i>Anas crecca</i>	Green-winged Teal; Eurasian Teal	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	504	2010-2019 (win)		LC	<input type="checkbox"/>	<input type="checkbox"/>	Directive 2009/147/EO-II, III	Cr. 4: Wintering
CHORDATA / AVES	<i>Anas penelope</i>	Eurasian Wigeon	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1320	2010-2019 (win)			<input type="checkbox"/>	<input type="checkbox"/>	Directive 2009/147/EO-II, III	Cr.4: Wintering
CHORDATA / AVES	<i>Anas strepera</i>	Gadwall	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	181	2010-2019 (win)			<input type="checkbox"/>	<input type="checkbox"/>	Bulgarian Red Data Book – CR, Biological Diversity Act of Bulgaria – III, Directive 2009/147/EO – I, BeC-II, CMS-II	Cr.4: During migration, wintering and also as breeding site.
CHORDATA / AVES	<i>Anser albifrons</i>	Greater White-fronted Goose	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	26200	2015 (win)		LC	<input type="checkbox"/>	<input type="checkbox"/>	Directive 2009/147/EO-I, II	The average wintering individuals for the period 2010-2019 is 6827.
CHORDATA / AVES	<i>Aquila clanga</i>	Greater Spotted Eagle	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	2012/Aug, Sept			<input type="checkbox"/>	<input type="checkbox"/>	Red Data Book of Bulgaria – CR; Biological Diversity Act of Bulgaria – II; ECS-spec 1; Directive 2009/147/EC – II; Bern Convention – II; CITES-II; CMS - II	Cr. 4: Migration
CHORDATA / AVES	<i>Aquila heliaca</i>	Eastern Imperial Eagle; Asian Imperial Eagle	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	2012/Aug, Sept		VU	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Red Data Book of Bulgaria – CR; Biological Diversity Act of Bulgaria – II, III; ECS-spec 1, rare; Directive 2009/147/EC – I; Bern Convention – II; CMS - II	
CHORDATA / AVES	<i>Ardea alba</i>	Great Egret	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	23	2010-2019 (win)		LC	<input type="checkbox"/>	<input type="checkbox"/>	Red Data Book of Bulgaria – CR; Biological Diversity Act of Bulgaria – II, III; Bern Convention – II; CMS – II; Directive 2009/147/EC - I	Cr.4: As staging and overnight place mainly during migration and wintering.
CHORDATA / AVES	<i>Ardea cinerea</i>	Grey Heron; Gray Heron	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Bulgarian Red Data Book – VU, Biological Diversity Act of Bulgaria – III, BeC-III	
CHORDATA / AVES	<i>Ardeola ralloides</i>	Squacco Heron	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Red Data Book of Bulgaria – EN; Biological Diversity Act of Bulgaria – II, III; Bern Convention – II; CMS - II	
CHORDATA / AVES	<i>Aythya ferina</i>	Common Pochard	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	196	2010-2019 (win)		VU	<input type="checkbox"/>	<input type="checkbox"/>	Bulgarian Red Data Book – VU, Biological Diversity Act of Bulgaria – III, Directive 2009/147/EO – III, BeC-III, CMS-II	Cr.4: Wintering
CHORDATA / AVES	<i>Aythya fuligula</i>	Tufted Duck	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	186	2015 (win)		LC	<input type="checkbox"/>	<input type="checkbox"/>	Biological Diversity Act of Bulgaria-IV; Directive 2009/147/EC-II, III	Cr.4: Wintering
CHORDATA / AVES	<i>Aythya nyroca</i>	Ferruginous Duck	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2010-2019 (win)		NT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Bulgarian Red Data Book – VU, Biological Diversity Act of Bulgaria – III, Directive 2009/147/EO – I, BeC-III, CMS-II	
CHORDATA / AVES	<i>Botaurus stellaris</i>	Eurasian Bittern	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2013-2015 (win)		LC	<input type="checkbox"/>	<input type="checkbox"/>	Bulgarian Red Data Book – EN, Biological Diversity Act of Bulgaria – II, III, Directive 2009/147/EO – I, BeC-I, CMS-I	
CHORDATA / AVES	<i>Branta ruficollis</i>	Red-breasted Goose	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	361	2010-2019 (win)		VU	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Red Data Book of Bulgaria – VU; Biological Diversity Act of Bulgaria – II, III; ECS-spec 1, vulnerable; Directive 2009/147/EC – I; Bern Convention – II; CITES-II	Cr.4: As staging and overnight during wintering. The pop. size in 2019 is 1090 individuals of the species.
CHORDATA / AVES	<i>Burhinus oedicnemus</i>	Eurasian Stone-curlew	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Red Data Book of Bulgaria – VU, Biological Diversity Act of Bulgaria – II, III; ECS-spec 3, VU; Bern Convention-II; Directive 2009/147/EC - I; CMS – II, II	

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence ¹⁾	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
CHORDATA / AVES	<i>Cettia cetti</i>	Cetti's Warbler	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	2010-2014 (win)		LC	<input type="checkbox"/>	<input type="checkbox"/>	Bulgarian Red Data Book – EN, Biological Diversity Act of Bulgaria – III, BeC-I-III, CMS-II	
CHORDATA / AVES	<i>Charadrius alexandrinus</i>	Snowy Plover; Kentish Plover	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Red Data Book of Bulgaria – CR; Biological Diversity Act of Bulgaria – III; Bern Convention – II; CMS – II	Cr.3, Cr.4: One of five nesting sites in Bulgaria, Also during migration.
CHORDATA / AVES	<i>Circus aeruginosus</i>	Western Marsh Harrier	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	2010-2019 (win)		LC	<input type="checkbox"/>	<input type="checkbox"/>	Red Data Book of Bulgaria – EN; Biological Diversity Act of Bulgaria – II, III; ECS-spec 2, rare; Bern Convention – II; Directive 2009/147/EC – II; CMS – II; CITES – II	
CHORDATA / AVES	<i>Circus cyaneus</i>	Northern Harrier	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Bulgarian Red Data Book – CR, Biological Diversity Act of Bulgaria – II, III; ECS-spec 2, decreased; BeC-II, CMS-II, Directive 2009/147/EO – II, CITES-II	
CHORDATA / AVES	<i>Circus macrourus</i>	Pallid Harrier	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT	<input type="checkbox"/>	<input type="checkbox"/>	Red Data Book of Bulgaria – EX; Biological Diversity Act of Bulgaria – II, III; IUCN – NT; ECS-spec 3, endangered; Bern Convention – II; Directive 2009/147/EC – I; CMS – II; CITES – II	Cr. 4: During migration
CHORDATA / AVES	<i>Coracias garrulus</i>	European Roller	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Red Data Book of Bulgaria – VU; Biological Diversity Act of Bulgaria – II, III; IUCN – NT; Bern Convention – II; Directive 2009/147/EC – I; CMS – II	
CHORDATA / AVES	<i>Crex crex</i>	Corn Crake	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Red Data Book of Bulgaria – VU; Biological Diversity Act of Bulgaria – II, III; Directive 2009/147/EC – I; Bern Convention – II; CMS – II	
CHORDATA / AVES	<i>Cygnus columbianus</i>	Tundra Swan	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	30	2010-2019 (win)		LC	<input type="checkbox"/>	<input type="checkbox"/>	Bulgarian Red Data Book – CR, Biological Diversity Act of Bulgaria – III; ECS-spec 3W, vulnerable; BeC-II, CMS-II, Directive 2009/147/EO – I	Cygnus columbianus bewickii Yarrell, 1830. Cr. 4: Wintering
CHORDATA / AVES	<i>Cygnus cygnus</i>	Whooper Swan	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	150	2010-2019 (win)		LC	<input type="checkbox"/>	<input type="checkbox"/>	Bulgarian Red Data Book – EN, Biological Diversity Act of Bulgaria – III; BeC-II, CMS-II, III	Cr.4: Wintering
CHORDATA / AVES	<i>Cygnus olor</i>	Mute Swan	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	124	2010-2019 (win)		LC	<input type="checkbox"/>	<input type="checkbox"/>	Bulgarian Red Data Book – VU, Biological Diversity Act of Bulgaria – III; BeC-II, CMS-II, III	Cr.4: As staging and overnight place mainly during migration and wintering.
CHORDATA / AVES	<i>Egretta garzetta</i>	Little Egret	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	2010-2019 (win)		LC	<input type="checkbox"/>	<input type="checkbox"/>	Red Data Book of Bulgaria – VU; Biological Diversity Act of Bulgaria – II, III; Bern Convention – II; Directive 2009/147/EC – I	
CHORDATA / AVES	<i>Falco cherrug</i>	Saker Falcon	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				EN	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Red Data Book of Bulgaria – CR; Biological Diversity Act of Bulgaria – III; IUCN -EN; ECS-spec 3, endangered; Bern Convention – III; Directive 2009/147/EC – II; CMS – II; CITES – II	
CHORDATA / AVES	<i>Falco naumanni</i>	Lesser Kestrel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Red Data Book of Bulgaria – CR; Biological Diversity Act of Bulgaria – II, III; ECS-spec, decreased; Bern Convention – II; Directive 2009/147/EC – I; CITES – II	
CHORDATA / AVES	<i>Falco vespertinus</i>	Red-footed Falcon	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Red Data Book of Bulgaria – CR; Biological Diversity Act of Bulgaria – III; ECS-spec 3, endangered; Bern Convention – II; Directive 2009/147/EC – I; CMS – II; CITES – II	
CHORDATA / AVES	<i>Fulica atra</i>	Eurasian Coot	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	514	2010-2019 (win)		LC	<input type="checkbox"/>	<input type="checkbox"/>	Directive 2009/147/EO-II, III	Cr.4: As staging and overnight place mainly during migration and wintering.

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence ¹⁾	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
CHORDATA / AVES	<i>Gallinago gallinago</i>	Common Snipe	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	2014 (win)		LC	<input type="checkbox"/>	<input type="checkbox"/>	Bulgarian Red Data Book – CR; ECS-spec 3; BeC-III; CMS-II	
CHORDATA / AVES	<i>Glareola pratincola</i>	Collared Pratincole	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Red Data Book of Bulgaria – EN; Biological Diversity Act of Bulgaria – III; Bern Convention – III; Directive 2009/147/EC - I	
CHORDATA / AVES	<i>Himantopus himantopus</i>	Black-winged Stilt	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Red Data Book of Bulgaria – EN; Biological Diversity Act of Bulgaria – III; Bern Convention – II; CMS – II; Directive 2009/147/EC – I	Cr.4: As staging and overnight mainly during migration and wintering
CHORDATA / AVES	<i>Microcarbo pygmaeus</i>	Pygmy Cormorant	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12	2010-2019 (win)			<input type="checkbox"/>	<input type="checkbox"/>	Red Data Book of Bulgaria – EN; Biological Diversity Act of Bulgaria – II; IUCN – NT; ECS-spec 2, vulnerable; Directive 2009/147/EC – I; Bern Convention – II; CMS – II	Criterion 4: The site is an important stopover for migrating pygmy cormorants.
CHORDATA / AVES	<i>Milvus milvus</i>	Red Kite	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT	<input type="checkbox"/>	<input type="checkbox"/>	Red Data Book of Bulgaria – CR; Biological Diversity Act of Bulgaria – II, III; ECS-spec 2, decrease; Bern Convention – II; CMS – II; Directive 2009/147/EC – I	
CHORDATA / AVES	<i>Netta rufina</i>	Red-crested Pochard	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	2013 (win)		LC	<input type="checkbox"/>	<input type="checkbox"/>	Bulgarian Red Data Book – EX; Directive 2009/147/EO – I; BeC-III; ECS-Spec 3; CMS-II	
CHORDATA / AVES	<i>Numenius arquata</i>	Eurasian Curlew	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	30	2010-2019 (win)		NT	<input type="checkbox"/>	<input type="checkbox"/>	Biological Diversity Act of Bulgaria - III	Cr.4: As staging and overnight mainly during migration and wintering
CHORDATA / AVES	<i>Numenius tenuirostris</i>	Slender-billed Curlew	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				CR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Red Data Book of Bulgaria – CR; ECS-spec 1; Bern Convention – II; Directive 2009/147/EO-I	Cr. 4: As staging during migration and wintering
CHORDATA / AVES	<i>Nycticorax nycticorax</i>	Black-crowned Night-Heron; Black-crowned Night Heron	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Red Data Book of Bulgaria – VU; Biological Diversity Act of Bulgaria – II, III; ECS-spec 3, decreased; Bern Convention – II; Directive 2009/147/EC – I	
CHORDATA / AVES	<i>Panurus biarmicus</i>	Bearded Reedling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	2013 (win)		LC	<input type="checkbox"/>	<input type="checkbox"/>	Bulgarian Red Data Book – EN; Biodiversity Act of Bulgaria-III; International: BeC-II.	
CHORDATA / AVES	<i>Pelecanus crispus</i>	Dalmatian Pelican	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	120	2010-2019 (win)	1.33	NT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Red Data Book of Bulgaria – CR; Biological Diversity Act of Bulgaria – II, III; ECS-spec 1, rare; Directive 2009/147/EC – I; Bern Convention – II; CMS – I, II	Cr.4: As staging and overnight place mainly during migration and wintering Cr.6: Black Sea & Mediterranean (win). In 2011 and 2013 the pop. size is bigger - 429 and 391 individuals.
CHORDATA / AVES	<i>Pelecanus onocrotalus</i>	Great White Pelican	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	20026	2012/Aug, Sept		LC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Red Data Book of Bulgaria – EX; Biological Diversity Act of Bulgaria – III; ECS-spec; Bern Convention – II; Directive 2009/147/EC – I	Cr.4: As staging and overnight place mainly during migration and wintering
CHORDATA / AVES	<i>Platalea leucorodia</i>	Eurasian Spoonbill	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	2010-2019 (win)		LC	<input type="checkbox"/>	<input type="checkbox"/>	Red Data Book of Bulgaria – CR; Biological Diversity Act of Bulgaria – II, III; CITES – II; ECS-spec 2, endangered; Bern Convention – II; Directive 2009/147/EC – I; CMS - II	Cr.4: As staging and overnight mainly during migration and wintering
CHORDATA / AVES	<i>Podiceps cristatus</i>	Great Crested Grebe	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16	2010-2019 (win)		LC	<input type="checkbox"/>	<input type="checkbox"/>	Bulgarian Red Data Book – VU; Biological Diversity Act of Bulgaria – III; BeC-III	Cr.4: Wintering
CHORDATA / AVES	<i>Podiceps nigricollis</i>	Eared Grebe; Black-necked Grebe	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	29	2010-2019 (win)		LC	<input type="checkbox"/>	<input type="checkbox"/>	Bulgarian Red Data Book – CR; Biological Diversity Act of Bulgaria – III; BeC-II	Cr. 4: Wintering
CHORDATA / AVES	<i>Recurvirostra avosetta</i>	Pied Avocet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	81	2010-2019 (win)		LC	<input type="checkbox"/>	<input type="checkbox"/>	Bulgarian Red Data Book – EN; Biological Diversity Act of Bulgaria – II; ECS-spec 4/3w; Directive 2009/147/EO – I; BeC-II; CMS-II	Cr.4: As staging and overnight mainly during migration and wintering

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence ¹⁾	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
CHORDATA / AVES	<i>Remiz pendulinus</i>	Eurasian Penduline Tit	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Red Data Book of Bulgaria – VU; Biological Diversity Act of Bulgaria – III; BeC – III	Cr. 4: Breeding site
CHORDATA / AVES	<i>Scolopax rusticola</i>	Eurasian Woodcock	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	2010-2019 (win)		LC	<input type="checkbox"/>	<input type="checkbox"/>	Bulgarian Red Data Book – EN; Directive 2009/147/EO – II-III; BeC-II; ECS-spec 3.	
CHORDATA / AVES	<i>Sterna hirundo</i>	Common Tern	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>	Red Data Book of Bulgaria - EN	Cr.4: As staging and overnight mainly during migration and wintering. The main population after the 80s for the borders of Bulgaria is concentrated in the wetlands of Burgas (incl. Atanasovsko ezero), where it nests on artificial islands and platforms.
CHORDATA / AVES	<i>Tadorna ferruginea</i>	Ruddy Shelduck	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14	2019 (win)		LC	<input type="checkbox"/>	<input type="checkbox"/>		Cr.4: As staging and overnight mainly during migration and wintering
CHORDATA / AVES	<i>Tadorna tadorna</i>	Common Shelduck	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2083	2010-2019 (win)	0.8	LC	<input type="checkbox"/>	<input type="checkbox"/>	Red Data Book of Bulgaria – VU; Biological Diversity Act of Bulgaria – III; Bern Convention – II, CMS-II	Cr.4: As staging and overnight mainly during migration and wintering Cr.6: Black Sea & Mediterranean
CHORDATA / AVES	<i>Tringa stagnatilis</i>	Marsh Sandpiper	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC	<input type="checkbox"/>	<input type="checkbox"/>		Cr.4: As staging and overnight mainly during migration and wintering
CHORDATA / AVES	<i>Tringa totanus</i>	Common Redshank	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	2010-2019 (win)		LC	<input type="checkbox"/>	<input type="checkbox"/>	Bulgarian Red Data Book – CR; Biological Diversity Act of Bulgaria – II; ECS-spec 2; Directive 2009/147/EO – II; BeC-III; CMS-II	
CHORDATA / AVES	<i>Vanellus vanellus</i>	Northern Lapwing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	59	2010, 2014, 2016 (win)		NT	<input type="checkbox"/>	<input type="checkbox"/>	Biodiversity Act of Bulgaria - III	Cr.4: As staging and overnight mainly during migration and wintering
Fish, Mollusc and Crustacea																		
MOLLUSCA / BIVALVIA	<i>Unio crassus</i>	common Central European river mussel; common river mussel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				EN	<input type="checkbox"/>	<input type="checkbox"/>	Biological Diversity Act of Bulgaria – II, III; Council Directive 92/43/EEC – II, IV	
Others																		
CHORDATA / MAMMALIA	<i>Lutra lutra</i>	European Otter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Appendix II and III of Biological Diversity Act of Bulgaria, Annex II of Council Directive 92/43/EEC of 21 May 1992, Red Book of Bulgaria – “Vulnerable species”	
CHORDATA / REPTILIA	<i>Testudo graeca</i>	Common Tortoise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				VU	<input type="checkbox"/>	<input type="checkbox"/>	Red Data Book of Bulgaria – EN; Biological Diversity Act of Bulgaria – II, III; IUCN – VU; Bern Convention – II; CITES – II; Council Directive 92/43/EEC – II, IV	
CHORDATA / REPTILIA	<i>Testudo hermanni</i>	Hermann's tortoise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT	<input type="checkbox"/>	<input type="checkbox"/>	Red Data Book of Bulgaria – EN; Biological Diversity Act of Bulgaria – II, III; Bern Convention – II; CITES – II; Council Directive 92/43/EEC – II, IV	

1) Percentage of the total biogeographic population at the site

Provided information about the population size is from the Monitoring of Wintering birds for the period 2010-2019 (Executive Environmental Agency of Bulgaria).

3.4 - Ecological communities whose presence relates to the international importance of the site

<no data available>

4 - What is the Site like? (Ecological character description)

4.1 - Ecological character

Atanasovsko Lake is a coastal lake (Black Sea). It is in the Moist Mid-Latitude climate with mild winters climatic region, Humid subtropical (Mild with no dry season, hot summer) subregion (using to the Köppen-Gieger Climate Classification System).

The site is representative as the rarest ecosystem type for Bulgaria (coastal halophytic communities). This is the largest compact area in Bulgaria occupied by habitat 1150 * Coastal lagoons, highly valuable for its relative area, its representativeness and its importance for nature conservation. 233 higher plant species have been established in the lake. Dominant among these are Marsh Samphire (*Salicornia herbacea*), *Salicornia europea*, *Sueda maritima*, Reed (*Phragmites australis*), Narrowleaf Cattail (*Typha angustifolia*), *Campestris (Vicia campestris)*, Sea Wormwood (*Artemisia maritima*). The lake is the biggest location for *Salicornia* and the Elegant orchid in the country and the only significant find of *Artemia* in the country.

First and foremost, Atanasovsko Lake is highly significant as a unique and representative wetland, which is habitat of a rich avifauna.

Atanasovsko Lake is part of the Burgas lake complex – one of the three wetland complexes where most significant concentrations of waterfowl occur along the Bulgarian Black Sea coast. There are 317 bird species identified in the Atanasovsko lake area. The Atanasovsko Lake lies along the Via Pontica route and is a typical 'narrow migration front' site for migrating hovering birds from a significant part of Northern, Eastern and Central Europe. Up to 240,000 storks, pelicans and cranes and up to 60,000 raptors fly over the site during autumn migration each year (Management plan of the Atanasovsko Lake). This is the site of Europe's highest concentration during migration of the White Pelican (*Pelecanus onocrotalus*) and the Dalmatian Pelican (*Pelecanus crispus*), the Marsh Harrier (*Circus aeruginosus*), the Red-footed Falcon (*Falco vespertinus*). Together with the remaining Burgas lakes, this is one of the most favourable locations where pelicans and storks roost and rest between the Danube delta and the Bosphorus. As the lake does not freeze during the winter, it is of international importance for the wintering waterfowl White Pelican (*Pelecanus onocrotalus*) and the Dalmatian Pelican (*Pelecanus crispus*), the Marsh Harrier (*Circus aeruginosus*), the Red-footed Falcon (*Falco vespertinus*).

The main economic significance of the wetland is related to salt production. This economic use is consistent with the nature conservation objectives and regimes, since traditional salt mining depends on the maintenance of the water regime in the ecosystem and on the prevention of its pollution.

4.2 - What wetland type(s) are in the site?

Inland wetlands

Wetland types (code and name)	Local name	Ranking of extent (1: greatest - 4: least)	Area (ha) of wetland type	Justification of Criterion 1
Fresh water > Lakes and pools >> Tp: Permanent freshwater marshes/pools		4	0.9	

Human-made wetlands

Wetland types (code and name)	Local name	Ranking of extent (1: greatest - 4: least)	Area (ha) of wetland type	Justification of Criterion 1
5: Salt exploitation sites		1	1711.32	
9: Canals and drainage channels or ditches		4	8.98	Representative

Other non-wetland habitat

Other non-wetland habitats within the site	Area (ha) if known
Non-Ramsar type areas	272.32

4.3 - Biological components

4.3.1 - Plant species

Other noteworthy plant species

Scientific name	Common name	Position in range / endemism / other
<i>Centaurea arenaria</i>		Biological Biodiversity Act - III
<i>Euphorbia pepilis</i>	Purple Spurge	Biological Diversity Act of Bulgaria - III

Invasive alien plant species

Scientific name	Common name	Impacts	Changes at RIS update
<i>Ailanthus altissima</i>	Tree of heaven, Ailanthus	Potentially	unknown
<i>Amaranthus albus</i>	Common Tumbleweed, Tumble Pigweed	Potentially	unknown
<i>Amaranthus retroflexus</i>	Redroot Pigweed	Potentially	unknown
<i>Amorpha fruticosa</i>	Bastard Indigo; False Indigo; Indigobush Amorpha	Potentially	unknown
<i>Datura stramonium</i>	Common Thorn Apple	Potentially	unknown
<i>Erigeron canadensis</i>	Horseweed, Canadian horseweed	Potentially	unknown
<i>Lycium barbarum</i>	Chinese Wolfberry	Potentially	unknown
<i>Xanthium orientale italicum</i>	Italian Cocklebur	Potentially	unknown
<i>Xanthium spinosum</i>	Common Cocklebur	Potentially	unknown

4.3.2 - Animal species

Other noteworthy animal species

Phylum	Scientific name	Common name	Pop. size	Period of pop. est.	%occurrence	Position in range /endemism/other
ARTHROPODA/BRANCHIOPODA	<i>Artemia salina</i>	Brine Shrimp				Mediterranean endemic species
CHORDATA/AMPHIBIA	<i>Bombina bombina</i>	Fire-bellied Toad				Annex II of Council Directive 92/43/EEC of 21 May 1992 and Biological Diversity Act of Bulgaria
CHORDATA/AMPHIBIA	<i>Bombina variegata</i>	Yellow-bellied toad				Biological Diversity Act of Bulgaria – II, III; Council Directive 92/43/EEC of 21 May 1992 – II, IV
CHORDATA/AVES	<i>Calidris alpina</i>	Dunlin	187	2010-2018 (win)		Biological Biodiversity Act of Bulgaria - III
CHORDATA/AVES	<i>Calidris canutus</i>	Red Knot	2	2010-2019 (win)		Biological Biodiversity Act of Bulgaria - III, Directive 2009/147/EO-II, III
CHORDATA/AVES	<i>Gavia arctica</i>	Black-throated Loon; Arctic Loon	18	2016-2019 (win)		Directive 2009/147/EO-I
CHORDATA/AVES	<i>Larus canus</i>	Mew Gull	5	2010, 2015 (win)		Directive 2009/147/EO-II
CHORDATA/AVES	<i>Larus fuscus</i>	Lesser Black-backed Gull	14	2017 (win)		Directive 2009/147/EO-II
CHORDATA/AVES	<i>Larus michahellis</i>	Yellow-legged Gull	237	2010-2019 (win)		
CHORDATA/AVES	<i>Larus minutus</i>	Little Gull	69	2018 (win)		Directive 2009/147/EO-I
CHORDATA/AVES	<i>Mergellus albellus</i>	Smew	2	2016, 2018 (win)		Directive 2009/147/EO-I
CHORDATA/AVES	<i>Mergus serrator</i>	Red-breasted Merganser	4	2010-2019 (win)		Directive 2009/147/EO-II
CHORDATA/AVES	<i>Pluvialis squatarola</i>	Black-bellied Plover	10	2010-2019 (win)		Directive 2009/147/EO-II
CHORDATA/AVES	<i>Podiceps auritus</i>	Horned Grebe	7	2018 (win)		Directive 2009/147/EC – I
CHORDATA/AVES	<i>Tringa erythropus</i>	Spotted Redshank	12	2010-2019 (win)		Directive 2009/147/EC – II
CHORDATA/AVES	<i>Tringa nebularia</i>	Common Greenshank	6	2014 (win)		Directive 2009/147/EC – II

Optional text box to provide further information

Provided information about the population size is from the Monitoring of Wintering birds for the period 2010-2019 (Executive Environmental Agency of Bulgaria).

4.4 - Physical components

4.4.1 - Climate

Climatic region	Subregion
B: Dry climate	BSk: Mid-latitude steppe (Md-latitude dry)

According to Köppen-Gieger Climate Classification System, in Ramsar site Atanasovsko Lake there are two subregions - BSk (Mid-latitude steppe/ Arid, steppe, cold - predominant type) and Cfa (Temperate, no dry season, hot summer) - https://upload.wikimedia.org/wikipedia/commons/c/c0/Koppen-Geiger_Map_BGR_present.svg

4.4.2 - Geomorphic setting

a) Minimum elevation above sea level (in metres)

a) Maximum elevation above sea level (in metres)

- Entire river basin
- Upper part of river basin
- Middle part of river basin
- Lower part of river basin
- More than one river basin
- Not in river basin
- Coastal

Please name the river basin or basins. If the site lies in a sub-basin, please also name the larger river basin. For a coastal/marine site, please name the sea or ocean.

Atanasovsko Lake is located on the Black Sea coast (Black Sea River Basin District of Bulgaria).

4.4.3 - Soil

Organic

(Update) Changes at RIS update No change Increase Decrease Unknown

No available information

Are soil types subject to change as a result of changing hydrological conditions (e.g., increased salinity or acidification)? Yes No

Please provide further information on the soil (optional)

Atanasovsko Lake is surrounded by slightly leached alluvial and alluvial-meadow soils which are organic soils with a low profile, represented by an angled humus-peat horizon limited to a depth of 40-50 cm from the groundwater. The humus content in the surface horizon is 4.5-5.5% and decreases in depth. The soil reaction is slightly alkaline to alkaline (pH 8.2 - 8.9). The mud that covers the bottom of Atanasovsko Lake is a valuable natural resource. Its value is determined by the healing properties, the limited quantities (only in Pomorie and Atanasovsko Lake) and the slow receipt (1 cm layer for about 100 years). The healing mud from Atanasovsko Lake is used in medical facilities in Burgas and Pomorie.

4.4.4 - Water regime

Water permanence

Presence?	Changes at RIS update
Usually permanent water present	

Source of water that maintains character of the site

Presence?	Predominant water source	Changes at RIS update
Marine water	<input checked="" type="checkbox"/>	No change

Stability of water regime

Presence?	Changes at RIS update
Water levels fluctuating (including tidal)	No change

4.4.5 - Sediment regime

Sediment regime unknown

4.4.6 - Water pH

Alkaline (pH>7.4)

(Update) Changes at RIS update No change Increase Decrease Unknown

Unknown

4.4.7 - Water salinity

Fresh (<0.5 g/l)

(Update) Changes at RIS update No change Increase Decrease Unknown

Mixohaline (brackish)/Mixosaline (0.5-30 g/l)

(Update) Changes at RIS update No change Increase Decrease Unknown

Euhaline/Eusaline (30-40 g/l)

(Update) Changes at RIS update No change Increase Decrease Unknown

Hyperhaline/Hypersaline (>40 g/l)

(Update) Changes at RIS update No change Increase Decrease Unknown

Unknown

Please provide further information on salinity (optional):

A hyper-saline lake on the sea coast, resembling a firth in its northern part and a lagoon in its southern part. A significant part of its area is used as a salt facility, but the traditional salt production process has been preserved there. Smaller fresh-water marshes and swamps exist around the lake, as does a system of channels overgrown with marsh vegetation.

4.4.8 - Dissolved or suspended nutrients in water

Eutrophic

(Update) Changes at RIS update No change Increase Decrease Unknown

Mesotrophic

(Update) Changes at RIS update No change Increase Decrease Unknown

Unknown

4.4.9 - Features of the surrounding area which may affect the Site

Please describe whether, and if so how, the landscape and ecological characteristics in the area surrounding the Ramsar Site differ from the i) broadly similar ii) significantly different site itself.

Surrounding area has greater urbanisation or development

Surrounding area has higher human population density

Surrounding area has more intensive agricultural use

Surrounding area has significantly different land cover or habitat types

4.5 - Ecosystem services

4.5.1 - Ecosystem services/benefits

Provisioning Services

Ecosystem service	Examples	Importance/Extent/Significance
Wetland non-food products	Other	High

Cultural Services

Ecosystem service	Examples	Importance/Extent/Significance
Recreation and tourism	Picnics, outings, touring	
Scientific and educational	Major scientific study site	High
Scientific and educational	Educational activities and opportunities	High
Scientific and educational	Long-term monitoring site	High

Supporting Services

Ecosystem service	Examples	Importance/Extent/Significance
Biodiversity	Supports a variety of all life forms including plants, animals and microorganisms, the genes they contain, and the ecosystems of which they form a part	High

Optional text box to provide further information

First and foremost, Atanasovsko Lake is highly significant as a unique and representative wetland, which is habitat of a rich avifauna. The main economic significance of the wetland is related to salt production. This economic use is consistent with the nature conservation objectives and regimes, since traditional salt mining depends on the maintenance of the water regime in the ecosystem and on the prevention of its pollution. Atanasovsko Lake has a potential for specialized tourism as well. The tourist access and traffic should be managed carefully in order to avoid disturbance or other unfavourable impacts.

Have studies or assessments been made of the economic valuation of ecosystem services provided by this Ramsar Site? Yes No Unknown

4.5.2 - Social and cultural values

- i) the site provides a model of wetland wise use, demonstrating the application of traditional knowledge and methods of management and use that maintain the ecological character of the wetland

Description if applicable

A considerable part of its surface is used for salt production with preserved primitive salt production methods. The salt production here is consistent with the nature conservation objectives and regimes, since traditional salt mining depends on the maintenance of the water regime in the ecosystem and on the prevention of its pollution.

- ii) the site has exceptional cultural traditions or records of former civilizations that have influenced the ecological character of the wetland
- iii) the ecological character of the wetland depends on its interaction with local communities or indigenous peoples
- iv) relevant non-material values such as sacred sites are present and their existence is strongly linked with the maintenance of the ecological character of the wetland

4.6 - Ecological processes

(ECD) Notable aspects concerning migration	Bird Migratory Route Via Pontica
(ECD) Pressures and trends concerning any of the above, and/or concerning ecosystem integrity	Human intrusions and disturbance

5 - How is the Site managed? (Conservation and management)

5.1 - Land tenure and responsibilities (Managers)

5.1.1 - Land tenure/ownership

Public ownership

Category	Within the Ramsar Site	In the surrounding area
Local authority, municipality, (sub)district, etc.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
National/Federal government	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Private ownership

Category	Within the Ramsar Site	In the surrounding area
Foundation/non-governmental organization/trust	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Religious body/organization	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other types of private/individual owner(s)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Other

Category	Within the Ramsar Site	In the surrounding area
No information available	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Unspecified mixed ownership	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Provide further information on the land tenure / ownership regime (optional):

Almost all of the territory within the Ramsar Site Atanasovsko Lake is owned by the national government – approx. 1673,5 ha or 83,9 %. There are few more ownership types – 215,1 ha (10,8%) in the site are owned by the municipality, 87,6 ha (4,39%) are owned by private owner(s), 17,18 ha (0,86%) are owned by NGOs and 0,26 ha or approx. 0,01 % are with unspecified mixed ownership.

5.1.2 - Management authority

Please list the local office / offices of any agency or organization responsible for managing the site:

Regional Inspectorate of Environment and Water (RIEW) - Burgas

Provide the name and title of the person or people with responsibility for the wetland:

Detelina Ivanova, Head of Department

Postal address:

67 Perushtitsa Str., floor 3, Lazur residential area, Burgas 8000, BULGARIA
 tel.: +359 56 813 208; +359 887 302348; +359 888 363151;
 fax: +35956 813 200
 e-mail: riosvbs@unacs.bg, bioriosv_bs@abv.bg

E-mail address:

riosvbs@unacs.bg

5.2 - Ecological character threats and responses (Management)

5.2.1 - Factors (actual or likely) adversely affecting the Site's ecological character

Human settlements (non agricultural)

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Housing and urban areas		High impact	<input type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change

Water regulation

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Canalisation and river regulation			<input checked="" type="checkbox"/>		<input type="checkbox"/>	

Agriculture and aquaculture

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Livestock farming and ranching	unknown impact	unknown impact	<input type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change

Transportation and service corridors

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Roads and railroads	High impact	High impact	<input checked="" type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change

Biological resource use

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Hunting and collecting terrestrial animals	Low impact	Medium impact	<input type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change

Human intrusions and disturbance

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Recreational and tourism activities	High impact	High impact	<input checked="" type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change

Invasive and other problematic species and genes

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Problematic native species	High impact	High impact	<input checked="" type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change

Pollution

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Industrial and military effluents	Medium impact	High impact	<input checked="" type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change
Air-borne pollutants			<input type="checkbox"/>		<input checked="" type="checkbox"/>	
Unspecified			<input checked="" type="checkbox"/>		<input type="checkbox"/>	

Climate change and severe weather

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Storms and flooding	High impact	High impact	<input checked="" type="checkbox"/>	No change	<input type="checkbox"/>	No change

Please describe any other threats (optional):

Lack of manager, ecologist and security guard for resolution of operation problems and conflicts. Significant danger to the wetland site is the natural expansion of areas covered by reed (in the eastern and northwestern parts of the site), which reduces the available open water areas and also reduces the potential nesting grounds and attractiveness of the site for some species of birds.

5.2.2 - Legal conservation status

Regional (international) legal designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
EU Natura 2000	Atanasovsko ezero, BG0000270	http://natura2000.moew.government.bg/Home/ProtectedSite?code=BG0000270&siteType=BirdsDirective	whole

National legal designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
Managed Reserve	Atanasovsko ezero (area of 1031.94 ha, designated in 12.08.1980)	http://eea.government.bg/zpo/en/area.jsp?NEM_Partition=1&categoryID=4&areaID=33	partly
Protected Site	Burgaski solnitsi	http://eea.government.bg/zpo/en/area.jsp?NEM_Partition=1&categoryID=6&areaID=503	partly

Non-statutory designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
Important Bird Area	Atanasovsko Lake	https://www.birdsinbulgaria.org/ovm.php?l=en&pageNum_Ovm_All=0&totalRows_Ovm_All=114&id=36 http://bspb.org/media/files/IBA_and_Natura_2000_Inventory_BG.pdf , page 240	whole

5.2.3 - IUCN protected areas categories (2008)

Ia Strict Nature Reserve

Ib Wilderness Area: protected area managed mainly for wilderness protection

II National Park: protected area managed mainly for ecosystem protection and recreation

- III Natural Monument: protected area managed mainly for conservation of specific natural features
- IV Habitat/Species Management Area: protected area managed mainly for conservation through management intervention
- V Protected Landscape/Seascape: protected area managed mainly for landscape/seascape conservation and recreation
- VI Managed Resource Protected Area: protected area managed mainly for the sustainable use of natural ecosystems

5.2.4 - Key conservation measures

Habitat

Measures	Status
Habitat manipulation/enhancement	Implemented

Species

Measures	Status
Threatened/rare species management programmes	Implemented

Human Activities

Measures	Status
Communication, education, and participation and awareness activities	Implemented
Research	Implemented

Other:

A number of information and awareness-raising activities, regular biodiversity monitoring and restoration of the infrastructure and preservation of the traditional salt producing activities have been carried out under projects of nongovernmental organizations and scientific institutes.

- LIFE16 NAT/BG/000847 Life for safe flight - Conservation of the Red-breasted Goose along the Global Flyway - www.savebranta.org
- LIFE11 NAT/BG/000362 Salt of Life - Through this financing 23-km freshwater canal that surrounds the lake and collect rainwater from settlements and fields around are repaired. Habitats, roosting and breeding sites are restored by dykes and barriers repair, destroyed during the great flood in 2010, providing appropriate nesting sites of rare bird species that inhabit the lagoon. Four new islands for nesting terns and Avocets are built in the south. - <http://saltoflife.biodiversity.bg/en/>
- LIFE08NAT/BG/000277 Life for the Bourgas lakes - Ensured the long-term conservation of the protected sites from the ecological network Natura 2000 – “Mandra-Poda”, “Atanasovsko ezero” and “Burgasko ezero” which are important for the survival of priority bird species – Dalmatian Pelican, Pygmy Cormorant, Bittern, White-headed Duck and Ferruginous Duck. Maintain and enhance feeding, breeding and roosting habitats for priority bird species. Reduced the impact of direct and indirect threats on priority bird species. Enhanced public understanding of and support for the conservation of priority bird species, their habitats and the wider Natura 2000 sites that are crucial for their long-term protection. - <http://bspb.org/en/completed-projects/preview/74.html>

National Action Plans for Dalmatian Pelican (*Pelecanus crispus*), Bittern (*Botaurus stellaris*), Ferruginous Duck (*Aythya nyroca*) and White-headed Duck (*Oxyura leucocephala*) - <https://www.moew.government.bg/bg/priroda/biologichno-raznoobrazie/zastiteni-vidove/planove-za-dejstvие/> (Only in Bulgarian)

Every year a conservation brigade have been organized for cleaning the area and increasing the nesting space for some of the rare and threatened species .

5.2.5 - Management planning

Is there a site-specific management plan for the site? Yes

Has a management effectiveness assessment been undertaken for the site? Yes No

If the site is a formal transboundary site as indicated in section Data and location > Site location, are there shared management planning processes with another Contracting Party? Yes No

Please indicate if a Ramsar centre, other educational or visitor facility, or an educational or visitor programme is associated with the site:

An update of the management plan for the managed reserve is prepared.

5.2.6 - Planning for restoration

Is there a site-specific restoration plan? Please select a value

5.2.7 - Monitoring implemented or proposed

Monitoring	Status
Birds	Implemented
Water quality	Implemented

6 - Additional material

6.1 - Additional reports and documents

6.1.1 - Bibliographical references

1. Biological Biodiversity Act (in Bulgarian) - <https://www.lex.bg/laws/ldoc/2135456926>
2. Bulgarian Ramsar Sites - <https://www.moew.government.bg/static/media/ups/tiny/Press/Ramsar-knjika.pdf>
3. Information on the Black Sea wetlands protected by the BlackSeaWet Regional Initiative - https://www.moew.government.bg/static/media/ups/tiny/filebase/Nature/Natura%202000/RAMSAR/Black_Sea_Wet_Catalog-Final.pdf
4. National Action Plan for Conservation of Wetlands of High Significance in Bulgaria (2013 – 2022) - https://www.researchgate.net/publication/283017200_National_action_plan_for_conservation_of_wetlands_of_high_significance_in_Bulgaria_2013-2022
5. Ramsar Sites in Bulgaria (only in Bulgarian) - <https://www.moew.government.bg/bg/priroda/zastiteni-teritorii/zastiteni-teritorii-s-mejdunarodno-zna-chenie/ramsarski-mesta/>
6. Red Book of Bulgaria, 2011, Vol I – Animals <http://e-ecodb.bas.bg/rdb/en/vol2/texts.html>
7. Red Book of Bulgaria, 2011, Vol I - Plants - <http://e-ecodb.bas.bg/rdb/en/vol1/>
8. Trichkova T., V. Vladimirov, R. Tomov, M. Todorov (Eds.), 2017. Guide to invasive alien species of European Union concern. IBER-BAS, ESENIAS, Sofia, 184 pp. - https://www.esenias.org/files/ESENIAS_Atlas_WEB.pdf
9. Wetlands of international importance for Bulgaria, 2010 - https://www.researchgate.net/profile/Delcho_Solakov/publication/283349852_Wetlands_of_international_importance_for_Bulgaria/links/56362f9d08ae88cf81bd0fb0/Wetlands-of-international-importance-for-Bulgaria.pdf
10. Important Bird Areas in Bulgaria and Natura 2000, BSPB /BirdLife Bulgaria/, 2007 -http://bspb.org/media/files/IBA_a

Dalackchieva S, Popov K. The Wood Sandpiper (*Tringa glareola*) on Lake Atanasovsko (E Bulgaria). *Ring*. 2002;24(1):57-60.

Dimitrov, Milko & Michev, Tanyo & Profirov, Lyubomir & Nyagolov, Konstantin. (2005). Waterbirds of Bourgas Wetlands: Results and Evaluation of the Monthly Waterbirds Monitoring 1996 – 2002.

GECHEVA, Gana M., et al. Ecological Status Assessment of a Hypersaline Lake: a Case Study of Atanasovsko Lake, Bulgaria. *ACTA ZOOLOGICA BULGARICA*, 2017, 145-151.

GROZEVA, N. The flora of Atanasovsko lake natural reserve. In: Proceedings of the Balkan scientific conference of biology in Plovdiv (Bulgaria). 2005. p. 19-21.

Hubenov Z, Kenderov L, Pandourski I. Invertebrate Animals (Metazoa: Invertebrata) of the Atanasovsko Lake, Bulgaria. *Historia naturalis bulgarica*. 2015;22:45-71.

MILCHEV, BOYAN; KOVACIIEV, ANTON. STORK (*CICONIA CICONIA* (L.)) ALONG THE BULGARIAN.

MLADENOV, Vladimir R., et al. Burgas Wetlands, Bulgaria: a Conservation Area of European Priority for Roosting of the Pygmy Cormorant, *Microcarbo pygmeus* (Pallas, 1773). *ACTA ZOOLOGICA BULGARICA*, 2015, 67.3: 435-442.

NANKINOV, Dimitar. On the migration of the Mediterranean Gull (*Larus melanocephalus*) in Bulgaria. In: Proc. 2nd Mediterranean Seabirds Symp. Calvia, 21-26 March 1989, Espania. 1993. p. 173-179.

Management Plan of Managed Reserve Atanasovsko ezero, 2003 - with comprehensive reference list

6.1.2 - Additional reports and documents

i. taxonomic lists of plant and animal species occurring in the site (see section 4.3)

<2 file(s) uploaded>

ii. a detailed Ecological Character Description (ECD) (in a national format)

<no file available>

iii. a description of the site in a national or regional wetland inventory

<no file available>

iv. relevant Article 3.2 reports

<no file available>

v. site management plan

<2 file(s) uploaded>

vi. other published literature

<9 file(s) uploaded>

6.1.3 - Photograph(s) of the Site

Please provide at least one photograph of the site:



Waterfowl in Atanasovsko Lake (*Iva Fikova, 27-08-2017*)



Atanasovsko Lake (*Iva Fikova, 26-08-2017*)



Atanasovsko Lake Conservation Brigade 2017 - New islands for nesting dalmatian pelicans (*Pelecanus crispus*) are built in the south. The activity is part of Project LIFE11 NAT/BG/000362 (Salt of Life). (*Iva Fikova, 26-08-2017*)



Atanasovsko Lake - near the north part of the Atanasovsko Lake, next to the Salt Pans (*Iva Fikova, 25-08-2015*)



The "Point" is located next to the Salt Pans. This is the oldest and most popular place for bird observation, just under the Via Pontica migration route. (*Iva Fikova, 25-08-2015*)

6.1.4 - Designation letter and related data

RIS for Site no. 292, Atanasovsko Lake, Bulgaria

Designation letter

<1 file(s) uploaded>

Date of Designation