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 **BG0000241**

SITENAME **Srebarna**

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1. SITE IDENTIFICATION

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1.1 Type	1.2 Site code
C	BG0000241

1.3 Site name

Srebarna

1.4 First Compilation date	1.5 Update date
2003-10	2018-12

1.6 Respondent:

Name/Organisation:	Ministry of Environment and Water, “National Nature Protection Service” Directorate
Address:	Sofia Kn. Maria Luiza Blvd. 22 1000 Sofia
Email:	natura2000@moew.government.bg

1.7 Site indication and designation / classification dates

Date site classified as SPA:	2007-03
National legal reference of SPA designation	Site classified as SPA by Council of Ministers Decision No. 122/02.03.2007 (promulgated SG 21/2007).

Date site proposed as SCI:	2007-03
Date site confirmed as SCI:	2008-12
Date site designated as SAC:	No data

National legal reference of SAC designation:	No data

Explanation(s):	Site classified as SPA and adopted as pSCI by Council of Ministers Decision No. 122/02.03.2007 (promulgated SG 21/2007). Issued designation order by the Minister of Environment and Water with prohibitions and restrictions on activities contradicting the conservation objectives of the SPA – Order No. RD – 564/05.09.2008 (promulgated SG 84/2008).

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2. SITE LOCATION

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2.1 Site-centre location [decimal degrees]:

Longitude	Latitude
27.0781	44.1128

2.2 Area [ha]:

1448.2177

2.3 Marine area [%]

0.0

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code	Region Name
BG32	Северен централен / Severen tsentralen

2.6 Biogeographical Region(s)

Continental (100.0 %)

3. ECOLOGICAL INFORMATION

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3.1 Habitat types present on the site and assessment for them

Annex I Habitat types						Site assessment			
Code	PF	NP	Cover [ha]	Cave [number]	Data quality	A|B|C|D	A|B|C		
						Representativity	Relative Surface	Conservation	Global
3130			2.72264			C	C	B	C
3150			705.59		G	A	B	B	B
3270			4.75		G	A	C	B	B
6250			6.81		G	B	C	B	C
6430			14.81		G	C	C	B	C
91E0			44.48		M	B	C	B	B
91F0			11.44		G	B	C	B	B
91H0			1.83		G	C	C	C	C
91Z0			14.94		G	B	C	B	C

PF: for the habitat types that can have a non-priority as well as a priority form (6210, 7130, 9430) enter "X" in the column PF to indicate the priority form.

NP: in case that a habitat type no longer exists in the site enter: x (optional)

Cover: decimal values can be entered

Caves: for habitat types 8310, 8330 (caves) enter the number of caves if estimated surface is not available.

Data quality: G = 'Good' (e.g. based on surveys); M = 'Moderate' (e.g. based on partial data with some extrapolation); P = 'Poor' (e.g. rough estimation)

3.2 Species referred to in Article 4 of Directive 2009/147/EC and listed in Annex II of Directive 92/43/EEC and site evaluation for them

Species					Population in the site						Site assessment			
G	Code	Scientific Name	S	NP	T	Size		Unit	Cat.	D.qual.	A|B|C|D	A|B|C		
						Min	Max				Pop.	Con.	Iso.	Glo.
B	A402	Accipiter brevipes			r	1	1	p		G	C	B	C	C
B	A085	Accipiter gentilis			w		1	i		G	C	B	C	C
B	A085	Accipiter gentilis			c				P	DD	C	B	C	C
B	A086	Accipiter nisus			p	1	1	p		G	C	B	C	C
B	A086	Accipiter nisus			c				P	DD	C	B	C	C
B	A086	Accipiter nisus			w		1	i		G	C	B	C	C
B	A293	Acrocephalus melanopogon			c		1	i		G	C	B	C	C
B	A229	Alcedo atthis			p	5	15	p		G	C	A	C	C
P	1516	Aldrovanda vesiculosa			p	34900	98800	area	P	M	A	B	A	A
F	4125	Alosa immaculata			r	845	845	i	P	G	C	A	C	B
F	4127	Alosa tanaica			r	70	70	i	R	G	C	A	A	C
B	A056	Anas clypeata			c	1	3	i		G	C	B	C	C
B	A056	Anas clypeata			w		3	i		G	C	B	C	C
B	A056	Anas clypeata			r		2	p		G	C	A	C	B
B	A052	Anas crecca			c	52	52	i		G	C	B	C	C
B	A052	Anas crecca			w		55	i		G	C	B	C	C
B	A050	Anas penelope			w		21	i		G	C	B	C	C
B	A050	Anas penelope			c		10	i		G	C	B	C	C
B	A053	Anas platyrhynchos			p	10	30	p		G	C	A	C	B
B	A053	Anas platyrhynchos			w	5	1100	i		G	C	A	C	B
B	A053	Anas platyrhynchos			c	300	300	i		M	C	A	C	B
B	A055	Anas querquedula			r	2	12	p		G	C	A	C	B
B	A055	Anas querquedula			c	25	25	i		G	C	B	C	C
B	A051	Anas strepera			w		2	i		G	A	A	C	A
B	A051	Anas strepera			r	3	16	p		G	A	A	C	A
B	A051	Anas strepera			c	20	250	i		G	A	A	C	A
I	4056	Anisus vorticulus			p	76908	76908	i	R	M	A	A	A	A
B	A041	Anser albifrons			w		4073	i		G	A	A	C	A
B	A041	Anser albifrons			c	10654	25775	i		G	A	A	C	A
		Anser anser												

B	A043				w		114	i		G	A	A	C	A
B	A043	Anser anser			c	1	500	i		M	A	A	C	A
B	A043	Anser anser			r	6	10	p		G	A	A	C	A
B	A255	Anthus campestris			r	1	5	p		G	C	A	C	A
B	A091	Aquila chrysaetos			w		1	i		G	C	B	C	C
B	A404	Aquila heliaca			c	1	1	i		G	C	B	C	C
B	A089	Aquila pomarina			c	100	100	i		G	C	B	C	C
B	A028	Ardea cinerea			w		5	i		G	C	B	C	C
B	A028	Ardea cinerea			c	10	10	i		G	C	B	C	C
B	A028	Ardea cinerea			r	17	50	p		G	C	A	C	A
B	A029	Ardea purpurea			c		2	i		G	A	A	C	A
B	A029	Ardea purpurea			r	5	9	p		G	A	A	C	A
B	A024	Ardeola ralloides			r	15	100	p		G	B	A	C	A
F	1130	Aspius aspius			p	5072	5072	i	C	G	C	A	B	A
B	A059	Aythya ferina			w		10	i		G	C	B	C	C
B	A059	Aythya ferina			r	25	40	p		G	C	A	C	B
B	A059	Aythya ferina			c	10	12	i		G	C	B	C	C
B	A061	Aythya fuligula			c	1	6	i		G	C	B	C	C
B	A061	Aythya fuligula			r		1	p		G	C	A	C	B
B	A060	Aythya nyroca			c	1	7	i		G	A	A	C	A
B	A060	Aythya nyroca			w	2	2	i		G	A	A	C	A
B	A060	Aythya nyroca			r	15	40	p		G	A	A	C	A
A	1188	Bombina bombina			p	5	5	localities	R	M	C	A	C	A
B	A021	Botaurus stellaris			c	2	8	i		G	C	A	C	A
B	A021	Botaurus stellaris			r		4	p		G	C	A	C	A
B	A396	Branta ruficollis			w		60	i		G	C	A	C	B
B	A396	Branta ruficollis			c	458	1729	i		G	C	A	C	B
B	A215	Bubo bubo			p	1	1	p		G	B	A	C	A
B	A067	Bucephala clangula			w		60	i		G	B	A	C	C
B	A087	Buteo buteo			w		4	i		G	C	B	C	C
B	A087	Buteo buteo			c	3	16	i		G	C	B	C	C
B	A088	Buteo lagopus			c		1	i		G	C	B	C	C
B	A403	Buteo rufinus			w		1	i		G	C	B	C	C
B	A144	Calidris alba			c		3	i		G	C	A	C	C
I	1088	Cerambyx cerdo			p				R	DD	C	C	C	C
B	A136	Charadrius dubius			r		1	p		G	C	B	C	C
B	A196	Chlidonias hybridus			c	220	220	i		G	A	A	C	A
B	A196	Chlidonias hybridus			r	68	160	p		G	A	A	C	A
B	A198	Chlidonias			c	5	200	i		G	C	B	C	C

		leucopterus												
B	A197	Chlidonias niger			r		9	p		G	B	A	C	A
B	A197	Chlidonias niger			c	1100	1100	i		G	B	A	C	A
B	A031	Ciconia ciconia			c	1000	1000	i		G	C	B	C	C
B	A031	Ciconia ciconia			r	1	3	p		G	C	B	C	C
B	A030	Ciconia nigra			c	30	30	i		G	C	B	C	C
B	A080	Circaetus gallicus			c	10	10	i		G	C	B	C	C
B	A081	Circus aeruginosus			w	1	1	i		G	C	A	C	C
B	A081	Circus aeruginosus			p	1	2	p		G	C	A	C	C
B	A081	Circus aeruginosus			c	2	7	i		G	C	A	C	C
B	A082	Circus cyaneus			w		3	i		G	C	B	C	C
B	A082	Circus cyaneus			c		1	i		G	C	B	C	C
B	A083	Circus macrourus			c				P	DD	C	B	C	C
B	A084	Circus pygargus			c				P	DD	C	B	C	C
B	A064	Clangula hyemalis			w		6	i		G	A	A	C	A
F	1149	Cobitis taenia			p	55363	55363	i	C	G	C	A	C	A
I	4045	Coenagrion ornatum			p	1	1	localities	R	G	C	A	A	A
B	A231	Coracias garrulus			r	2	5	p		G	C	B	C	C
B	A122	Crex crex			r	3	3	p		G	C	B	C	C
B	A036	Cygnus olor			r	10	13	p		G	C	A	C	C
B	A036	Cygnus olor			c		8	i		G	C	A	C	C
B	A036	Cygnus olor			w		50	i		G	C	A	C	C
B	A429	Dendrocopos syriacus			p	21	25	p		G	C	A	C	C
B	A236	Dryocopus martius			p	1	2	p		G	C	B	C	C
B	A027	Egretta alba			w		4	i		G	A	A	C	A
B	A027	Egretta alba			r	2	7	p		G	A	A	C	A
B	A027	Egretta alba			c		11	i		G	A	A	C	A
B	A026	Egretta garzetta			r	70	205	p		G	B	A	C	A
R	5194	Elaphe sauromates			p			localities	P	DD	C	A	C	B
B	A379	Emberiza hortulana			r	6	17	p		G	C	B	C	C
R	1220	Emys orbicularis			p	7	7	localities	R	M	C	A	C	A
F	2484	Eudontomyzon mariae			p	6683	6683	i	P	G	C	A	A	A
B	A511	Falco cherrug			r	1	2	i		G	C	B	B	B
B	A099	Falco subbuteo			r	1	2	p		G	B	A	C	B
B	A099	Falco subbuteo			c	25	30	i		G	B	A	C	B
B	A096	Falco tinnunculus			p		2	p		G	C	B	C	C
B	A097	Falco vespertinus			c	50	50	i		G	C	B	C	C

B	A125	Fulica atra			p	60	140	p		G	C	A	C	B
B	A125	Fulica atra			c	77	77	i		G	C	B	C	C
B	A125	Fulica atra			w		560	i		G	C	B	C	C
B	A123	Gallinula chloropus			c				P	DD	C	B	C	C
B	A123	Gallinula chloropus			p	20	25	p		G	C	A	C	B
B	A002	Gavia arctica			c		1	i		G	C	A	C	C
B	A002	Gavia arctica			w		1	i		G	C	A	C	C
B	A127	Grus grus			c		10	i		G	A	A	C	A
F	2555	Gymnocephalus baloni			p	245440	245440	area	P	P	C	B	B	B
F	1157	Gymnocephalus schraetzer			p	680620	680620	area	P	P	C	A	B	B
B	A075	Haliaeetus albicilla			p		1	p		G	C	A	C	A
B	A075	Haliaeetus albicilla			w	1	5	i		G	B	A	C	A
B	A131	Himantopus himantopus			r		2	p		G	C	B	C	C
B	A022	Ixobrychus minutus			r	4	19	p		G	C	A	C	A
B	A338	Lanius collurio			r	50	65	p		G	C	B	C	C
B	A339	Lanius minor			r	10	20	p		G	C	A	C	A
B	A459	Larus cachinnans			w		5	i		G	C	B	C	C
B	A459	Larus cachinnans			c	1	3	i		G	C	B	C	C
B	A182	Larus canus			w		10	i		G	C	B	C	C
B	A176	Larus melanocephalus			c		2	i		G	C	B	C	C
B	A177	Larus minutus			c		1	i		G	C	B	C	C
B	A179	Larus ridibundus			r	5	29	p		G	A	A	C	A
I	1083	Lucanus cervus			p	42878	84349	i	R	M	C	B	C	B
B	A246	Lullula arborea			r	1	2	p		G	C	A	C	A
B	A272	Luscinia svecica			c	2	2	i		G	C	B	C	C
M	1355	Lutra lutra			p	2	2	i		G	C	A	C	A
I	1060	Lycaena dispar			p	3509	7018	i	R	M	C	A	B	A
B	A068	Mergus albellus			w		5	i		G	C	B	C	C
B	A070	Mergus merganser			w		2	i		G	C	A	C	C
B	A230	Merops apiaster			c				P	DD	C	B	C	C
B	A230	Merops apiaster			r	50	50	p		G	C	B	C	C
M	2609	Mesocricetus newtoni			p				P	DD	D			
B	A073	Milvus migrans			c	5	5	i		G	C	B	C	C
B	A074	Milvus milvus			c	1	1	i		G	C	B	C	C
F	1145	Misgurnus fossilis			p	376201	376201	i	C	G	A	A	B	A
I	1089	Morimus funereus			p				R	DD	C	B	C	C
B	A058	Netta rufina			c		1	i		G	C	B	C	C

B	A058	Netta rufina			w		1	i		G	C	B	C	C
B	A023	Nycticorax nycticorax			r	40	250	p		G	B	A	C	A
B	A094	Pandion haliaetus			c	1	2	i		G	C	B	C	C
B	A020	Pelecanus crispus			r	30	70	p		G	A	A	B	A
B	A020	Pelecanus crispus			w		17	i		G	A	A	B	A
B	A020	Pelecanus crispus			c	200	200	i		G	A	A	B	A
B	A019	Pelecanus onocrotalus			c	500	500	i		G	A	A	B	A
B	A019	Pelecanus onocrotalus			r		2	p		G	A	A	B	A
F	2522	Pelecus cultratus			p	700000	700000	area	P	P	C	A	B	A
B	A072	Pernis apivorus			c	1	10	i		G	C	B	C	C
B	A017	Phalacrocorax carbo			w		145	i		G	A	A	C	A
B	A017	Phalacrocorax carbo			r		3	p		G	B	A	C	A
B	A017	Phalacrocorax carbo			c				P	DD	A	A	C	A
B	A393	Phalacrocorax pygmeus			r	150	350	p		G	A	A	C	A
B	A393	Phalacrocorax pygmeus			c		4251	i		G	A	A	C	A
B	A393	Phalacrocorax pygmeus			w		2786	i		G	A	A	C	A
B	A151	Philomachus pugnax			c		12	i		G	C	B	C	C
B	A234	Picus canus			p	1	3	p		G	C	A	C	C
B	A034	Platalea leucorodia			r	27	90	p		G	A	A	C	A
B	A034	Platalea leucorodia			c	7	30	i		G	A	A	C	A
B	A032	Plegadis falcinellus			r	10	175	p		G	A	A	C	A
B	A032	Plegadis falcinellus			c	100	100	i		G	A	A	C	A
B	A005	Podiceps cristatus			r	26	30	p		G	C	A	C	A
B	A005	Podiceps cristatus			c	6	26	i		G	C	B	C	C
B	A005	Podiceps cristatus			w		3	i		G	C	B	C	C
B	A006	Podiceps grisegena			r		6	p		G	B	A	C	C
B	A008	Podiceps nigricollis			r		5	p		G	B	A	C	C
B	A008	Podiceps nigricollis			c		6	i		G	B	A	C	C
B	A120	Porzana parva			r	1	2	p		G	C	B	C	C
B	A119	Porzana porzana			r	1	2	p		G	C	B	C	C
B	A121	Porzana pusilla			r	1	2	p		G	C	B	C	C
B	A118	Rallus aquaticus			p	3	6	p		G	C	B	C	C

B	A118	Rallus aquaticus			c				P	DD	C	B	C	C
B	A132	Recurvirostra avosetta			c		1	i		G	C	B	C	C
M	1304	Rhinolophus ferrumequinum			p	5	10	i		G	D			
M	1303	Rhinolophus hipposideros			p	5	10	i	R	G	C	B	C	C
F	5339	Rhodeus amarus			p	40240	40240	i	V	G	C	C	C	C
F	5329	Romanogobio vladykovi			p	2914	2914	i	C	G	C	A	B	A
B	A063	Somateria mollissima			w		2	i		G	C	B	C	C
M	1335	Spermophilus citellus			p				R	DD	D			
B	A190	Sterna caspia			c	3	3	i		G	B	A	C	B
B	A193	Sterna hirundo			r		6	p		G	B	A	C	A
B	A307	Sylvia nisoria			r	5	12	p		G	C	B	C	C
B	A004	Tachybaptus ruficollis			w		1	i		G	C	B	C	C
B	A004	Tachybaptus ruficollis			c	1	13	i		G	C	B	C	C
B	A004	Tachybaptus ruficollis			r	10	15	p		G	C	B	C	C
B	A397	Tadorna ferruginea			r		4	p		G	B	A	C	A
B	A397	Tadorna ferruginea			c	1	17	i		G	B	A	C	A
B	A048	Tadorna tadorna			c	1	1	i		G	C	B	C	C
R	1219	Testudo graeca			p	2	2	localities	V	P	C	A	C	A
R	1217	Testudo hermanni			p			localities	P	DD	C	A	C	A
B	A165	Tringa ochropus			c		4	i		G	C	A	C	B
A	1993	Triturus dobrogicus			p	3	3	localities	V	P	C	A	C	A
F	2011	Umbra krameri			p	2330000	2330000	area	P	P	A	B	B	B
B	A142	Vanellus vanellus			r		30	p		G	C	B	C	C
M	2635	Vormela peregusna			p				P	DD	C	A	C	A
F	1160	Zingel streber			p	33820	33820	i	R	G	C	B	B	B
F	1159	Zingel zingel			p	5637	5637	i	R	G	C	A	B	B

Group: A = Amphibians, B = Birds, F = Fish, I = Invertebrates, M = Mammals, P = Plants, R = Reptiles

S: in case that the data on species are sensitive and therefore have to be blocked for any public access enter: yes

NP: in case that a species is no longer present in the site enter: x (optional)

Type: p = permanent, r = reproducing, c = concentration, w = wintering (for plant and non-migratory species use permanent)

Unit: i = individuals, p = pairs or other units according to the 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
R		Ablepharus kitaibelii						P					X	
B	A247	Alauda arvensis			325	325							X	
F		Alburnus alburnus						C						X
I		Astacus leptodactylus						R						X
B	A218	Athene noctua			1	1							X	
F		Blicca bjoerkna						C						X
A		Bufo viridis						C					X	
F		Carassius carassius						P						X
F		Carassius gibelio						C						X
B	A363	Carduelis chloris			1	1							X	
P		Carex disticha						P			X			
P		Cicuta virosa						P			X			
R		Coluber caspius											X	
B	A349	Corvus corone cornix			3	3								X
B	A348	Corvus frugilegus			150	150								X
B	A113	Coturnix coturnix			20	20							X	
F		Cyprinus carpio						C			X			
R		Elaphe longissima						C					X	
B	A382	Emberiza melanocephala			20	20								X
F		Esox lucius						C						X
P		Euphorbia lucida						P			X			
P		Galium rubioides						P			X			
B	A342	Garrulus glandarius			70	70							X	
I		Hirudo medicinalis						R					X	
A		Hyla arborea						C					X	
B	A233	Jynx torquilla			1	1							X	
R		Lacerta trilineata						C					X	
R		Lacerta viridis						C					X	
F		Leucaspius delineatus						P			X			
P		Leucojum aestivum						P			X			

B	A271	Luscinia megarhynchos			10	10							X	
R		Natrix tessellata						P					X	
P		Nymphaea alba						P			X			
P		Nymphoides peltata						P			X			
B	A214	Otus scops			2	2							X	
B	A329	Parus caeruleus			2	2							X	
A		Pelobates fuscus						C					X	
A		Pelobates syriacus						C					X	
B	A115	Phasianus colchicus			60	60							X	
B	A343	Pica pica			40	40							X	
B	A235	Picus viridis			12	12								X
R		Podarcis muralis											X	
R		Podarcis taurica											X	
F		Pungitius platygaster						P			X			
A		Rana dalmatina						R					X	
P		Salvinia natans						P					X	
F		Sander lucioperca						C						X
P		Stratiotes aloides						P			X			
B	A210	Streptopelia turtur			1	2							X	
B	A283	Sturnus roseus			50	50								X
B	A283	Sturnus vulgaris			165	165							X	
B	A311	Sylvia atricapilla			1	1							X	
P		Thelypteris palustris						P			X			
P		Trapa natans						P					X	
B	A283	Turdus merula			225	225							X	
B	A285	Turdus philomelos			100	100							X	
B	A247	Turdus pilaris			7500	7500							X	
R		Vipera ammodytes						P					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

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4.1 General site character

Habitat class	% Cover
N06	19.0
N15	5.0
N16	17.0
N07	39.0
N08	9.0
N09	8.0
N21	3.0
Total Habitat Cover	100

Other Site Characteristics

Srebarna is a eutrophic lake, located at the Danube riverbank against km 393 – 391, 18 km to the west of the town of Srebarna. The village of Srebarna is situated on its western bank. The lake is designated as a reserve, which also includes former agricultural lands north of the lake, a belt of forest plantations along the Danube, the island of Komluka and the aquatic area locked between the island and the riverbank. About 75% of the lake area is overgrown with reed Phragmites australis, reed mace (Typha angustifolia, T. latifolia, T. laxmanii) and other marshland vegetation. Shrubs of Salix caprea and S. cinerea grow among the reedbeds without forming compact groups. Diverse hygrophyte vegetation develops in the open water pools during the summer - Hydrocharis morsus ranae, Nymphaea alba, different Potamogeton spp., etc. The natural floating islands are quite typical for the lake. They are formed of sediments, caught by the roots of the reed that grows on them. In the lake's northern end the reedbeds gradually give way to wet meadows. In the north-western end of the lake and along the Danube there are belts of riverine forest and shrub vegetation with single old trees of White Willow Salix alba. The surrounding hills are overgrown with grasslands of steppe character and artificial plantations of Robinia pseudoacacia and Eleagnus angustifolia. Komluka island is covered by riverine forest, mainly of willow Salix sp. and poplar Populus sp. (Kochev 1986; Baeva 1988; Ivanov 1993).

4.2 Quality and importance

In regard to the Habitat Directive:The Srebarna lake is a freshwater eutrophic basin, situated next to Danube River. Its depth is variable dependent on the water influx. The bottom is coverered by silt. The great part of the lake is overgrown with higher water vegetation. Among the present 20 fish species, 6 are protected according to the Bern Convention, 3 species are registered in the Bulgarian Red Book as "threatened". The Sreburna Lake is the most important place along Bulgarian Danube course for the preservation of fresh-water flora and vegetation. This is the biggest survived marsh along Danube River in Bulgaria. There are a big diversity of habitat and vegetation types, plant and animal species. The Sreburna Lake is included in the list of UNESCO as natural phenomenon with international importance. There are many rare and endangered species in the lake, some of them with single localities in the country. In regard to the Birds Directive: Srebarna Lake and adjacent territories supports 173 bird species, 57 of which are listed in the Red Data Book for Bulgaria (1985). Of the birds occurring there 78 species are of European conservation concern (SPEC) (BirdLife International, 2004), 9 of them being listed in category SPEC 1 as globally threatened, 19 in SPEC 2 and 50 in SPEC 3 as species threatened in Europe. The area provides suitable habitats for 64 species, included in Annex 2 of the Biodiversity Act, which need special conservation measures, of which 58 are listed also in Annex I of the Birds Directive. Srebarna lake hosts the only colony of Dalmatian Pelican Pelecanus crispus in the country, as well as the biggest breeding populations of four more globally threatened species – the Pygmy Cormorant Phalacrocorax pygmeus, the Ferruginous Duck Aythya nyroca, the White-tailed Eagle Haliaeetus albicilla and the Corncrake Crex crex. Srebarna is one of the most important sites in the country with European value also for the breeding Little Bittern Ixobrychus minutus, Night Heron Nycticorax nycticorax, Squacco Heron Ardeola ralloides, Little Egret Egretta garzetta, Great White Egret Egretta alba, Purple Heron Ardea purpurea, Glossy Ibis Plegadis falcinellus, Spoonbill Platalea leucorodia, Ruddy Shelduck Tadorna ferruginea and three species of terns – Common Tern Sterna hirundo, Whiskered Tern Chlidonias hybridus and Black Tern Chlidonias niger. The regular wintering species include the globally threatened Pygmy Cormorant Phalacrocorax pygmeus and Red-breasted Goose Branta ruficollis. In winter there are great concentrations with international significance of the White-fronted Goose Anser albifrons, the Greylag Goose Anser anser and Fieldfare Turdus pilaris.

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				Positive Impacts			

Rank	Threats and pressures [code]	Pollution (optional) [code]	inside/outside [i|o|b]
M	F03.01		o
M	K01.01		o
H	D05		o
H	K02.03		i
H	G01.02		o
L	L09		i
H	D01.01		o
H	K01.01		i
M	I01		i
L	A04		i
L	B01.02		i
M	A01		i
H	E01.01		o
L	B		i
L	B01		i
M	J02.11		i
H	F02.01.02		o
H	H04		o
L	D01.01		i
H	D02.01		o
M	K03.04		i
L	H04		i
L	A09		o
M	L08		i
H	D01.02		o
H	E01		o
H	B02.01		o
H	A07		i
M	E01.04		o
M	J02.10		o
M	L09		o
H	F02.03		i
L	A01		o
H	F02.01.02		i
H	A05.01		o
H	J02.12		i
M	J01		o
M	J02.05.02		o
M	H06.01		o
H	F02.03		o
H	D03.02		o
H	E03.01		o
M	E03		o
H	H		o
H	B01.02		o
M	F03.02.03		i
H	H05		o
H	B02.02		o

Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i|o|b]
H	D01.01		o
H	H05		o
H	F02.01.02		o
H	A08		o
H	J02.05		i
H	A07		o
M	E01.04		o
M	L08		i
H	G03		o
H	G01.02		o
H	B01.02		o
H	H04		o
H	E01		o
H	B02.01		o
H	B01		o
H	H		o
H	B02.02		o
H	D02.01		o
M	J02.11		i
H	A05.01		o
H	A04		o
M	H06.01		o
H	F02.03		o
M	A03		o
L	B01		i
M	E03		o
H	D05		o
H	B		o

Rank: H = high, M = medium, L = low

Pollution: N = Nitrogen input, P = Phosphor/Phosphate input, A = Acid input/acidification,
T = toxic inorganic chemicals, O = toxic organic chemicals, X = Mixed pollutions

i = inside, o = outside, b = both

4.4 Ownership (optional)

4.5 Documentation

Initial proposal and description of the site made by Milen Vassilev - Institute of Zoology, 1 Tsar Osvoboditel Blvd., Sofia; Mladen Angelov - Green Balkans Federation; Dr. R. Tzonev - Department of Ecology, Sofia University, Faculty of Biology, 8 Dragan Tzankov, Sofia; Dr. N. Petkov, Dr. P. Iankov, M. Kurtev - BSPB.Data revised by a team of Bulgarian Academy of Sciences (http://www.bas.bg). New data provided by project "Mapping and assessment of the conservation status of the natural habitats and species - Phase 1" (see link).Initially listed documents:In regard to the Habitat Directive: Bulgurkov, K. 1958. Hydrologycal pequliarities of the Srebarna Lake Reserve and composition of its fish fauna.- Bull. Inst. Zool., BAS, 7, 251-268. (in Bulgarian with Russian and English summaries).Red Book of Bulgaria. 1985. Acad. Publ. House, 2, 183 pp. (In Bulgarian).Baeva, G. 1988. Ekologichna harakteristika na visshata flora I rastitelnost v biosferniya rezervat “Srebarna”. 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Link(s): http://natura2000.moew.government.bg/Home/ProtectedSite?code=BG0000241&siteType=BirdsDirective
http://natura2000.moew.government.bg/Home/ProtectedSite?code=BG0000241&siteType=HabitatDirective

5. SITE PROTECTION STATUS (optional)

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5.1 Designation types at national and regional level:

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
BG04	46.533	BG06	37.48	BG00	15.987

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
BG04	Srebarna	+	46.533
BG06	Pelikanite	+	37.48

designated at international level:

Type	Site name	Type	Cover [%]
Other	Srebarna	+	62.0
	Srebarna	+	62.0

5.3 Site designation (optional)

In regard to the Habitat Directive: The Srebarna lake is a Wetland of International Importance (Ramsar Convention). It is a CORINE Site, and it is included in the list of the World Cultural and Historical Herritage. According to the Bulgarian legislation the lake is a Nature Reserve. The Sreburna Lake is the most imoprtant site for the preservation of the hbaitat 3150 Natural eutrophic lakes along Bulgarian shore of Danube. It is single localities in Bulgaria of many rare species - Aldrovanda vesiculosa (from Habitat Directive) and Cicuta virosa, as well as the one of the few localities in the country of Stratiotes aloeides, Nyphaea alba, Trapa natans, Nephrodium telypteris, Carex disticha, Galium rubioides. Many rare birds, mamals, invertebrates etc. occur in the lake. In regard to the Birds Directive:Srebarna lake was the first wetland in Bulgaria to receive legal protection status and the value of which received international recognition. The lake was designated as reserve in 1948 to protect the considerable diversity of birds. Since 1998 it has been a managed reserve. There was a management plan adopted for the Srebarna Managed Reserve. Srebarna lake has been a Wetland of International Importance since 1976, as well as a UNESCO Biosphere Reserve and World heritage site. In 1989 the lake was designated as Important Bird Area by BirdLife International. In 1998 the area was appointed as CORINE Site because of its European value for habitats, rare and threatened plant and animal species, including birds. The proposed SPA borders a proposed Special Protection Area in Romania.

6. SITE MANAGEMENT

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6.1 Body(ies) responsible for the site management:

Organisation:	Regional Inspectorate of Environment and Water: Ruse
Address:	
Email:	

6.2 Management Plan(s):

An actual management plan does exist:

[X]	Yes	Name: Management Plan for Srebarna Managed Reserve, adopted by Order No. RD-565/13.10.2016 of the Minister of Environment and Water (promulgated SG 87/2016). Link: http://www5.moew.government.bg/?wpfb_dl=17280
[ ]	No, but in preparation	
[ ]	No	

6.3 Conservation measures (optional)

The reserve has management plan, but new one must be done. The main threats for the reserve are the quick succesional changes (after the drainage of the surrounding former marshes - Ajdemirsko Marsh) and the fisher-poachers.

7. MAP OF THE SITES

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INSPIRE ID:

Map delivered as PDF in electronic format (optional)

☐ Yes ☒ No

Reference(s) to the original map used for the digitalisation of the electronic boundaries (optional).