



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 BG0000242
SITENAME Zaliv Chengene skele

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1. SITE IDENTIFICATION

1.1 Type C	1.2 Site code BG0000242	Back to top
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1.3 Site name

Zaliv Chengene skele

1.4 First Compilation date 2006-10	1.5 Update date 2021-11
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1.6 Respondent:

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

1.7 Site indication and designation / classification dates

Date site classified as SPA:	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:	2021-03
National legal reference of SAC designation:	Designation Order No. RD - 282/31.03.2021 (promulgated SG 41 /2021) issued by the Minister of Environment and Water.
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 - 513/22.08.2008 (promulgated SG 78/2008). Issued by the Minister of Environment and Water designation Order No. RD - 282/ 31.03.2021 (promulgated SG 41/2021) with prohibitions and restrictions on activities contradicting the conservation objectives of the SAC.

G	Code	Scientific Name	S	NP	T	Size		Unit	Cat.	D. qual.	A B C D			
						Min	Max				Pop.	Con.	Iso.	Glo.
B	A086	Accipiter nisus			w		1	i		G	D			
B	A168	Actitis hypoleucos			c		1	i		G	C	B	C	C
B	A054	Anas acuta			w	3	3	i		G	C	A	C	B
B	A052	Anas crecca			c		32	i		G	C	B	C	C
B	A052	Anas crecca			w		21	i		G	C	B	C	C
B	A050	Anas penelope			c		1	i		G	B	B	C	B
B	A050	Anas penelope			w		30	i		G	B	B	C	B
B	A053	Anas platyrhynchos			c		117	i		G	C	B	C	C
B	A053	Anas platyrhynchos			p	2	2	p		G	C	B	C	C
B	A053	Anas platyrhynchos			w		202	i		G	C	B	C	C
B	A051	Anas strepera			w		12	i		G	C	B	C	C
B	A041	Anser albifrons			w		1	i		G	C	B	C	C
B	A028	Ardea cinerea			r	1	4	i		G	C	B	C	C
B	A028	Ardea cinerea			w		3	i		G	C	B	C	C
B	A028	Ardea cinerea			c	1	35	i		G	C	B	C	C
B	A029	Ardea purpurea			c	1	1	i		G	C	B	C	C
B	A029	Ardea purpurea			r		1	i		G	C	B	C	C
B	A024	Ardeola ralloides			c	15	40	i		G	C	B	C	C
B	A059	Aythya ferina			w		21	i		G	B	A	C	B
B	A061	Aythya fuligula			w		210	i		G	A	A	C	B
A	1188	Bombina bombina			p			localities	P	DD	C	C	C	C
B	A021	Botaurus stellaris			w	2	2	i		G	C	B	C	C
B	A396	Branta ruficollis			w		1	i		G	C	B	C	C
B	A067	Bucephala clangula			w		1	i		G	C	B	C	C
B	A087	Buteo buteo			w		5	i		G	D			
B	A144	Calidris alba			w				P	DD	C	B	C	C
B	A149	Calidris alpina			c		1	i		G	C	B	C	C
B	A149	Calidris alpina			w		70	i		G	C	B	C	C
B	A143	Calidris canutus			w	2	2	i		G	B	B	B	C
B	A147	Calidris ferruginea			w				P	DD	C	B	C	C
B	A147	Calidris ferruginea			c				P	DD	C	B	C	C
B	A145	Calidris minuta			w		7	i		G	C	B	C	C
I	1088	Cerambyx cerdo			p				R	DD	D			
B	A138	Charadrius alexandrinus			c		3	i		G	C	B	C	C
B	A136	Charadrius dubius			r		1	i		G	C	B	C	C
B	A136	Charadrius dubius			w		2	i		G	C	B	C	C
B	A136	Charadrius dubius			c		6	i		G	C	B	C	C
B	A137	Charadrius hiaticula			w		1	i		G	C	B	C	C
B	A137	Charadrius hiaticula			c		3	i		G	C	B	C	C
B	A196	Chlidonias hybridus			c				P	DD	C	B	C	C
B	A198	Chlidonias leucopterus			c				P	DD	C	B	C	C
B	A197	Chlidonias niger			c				P	DD	C	B	C	C
B	A031	Ciconia ciconia			c				P	DD	C	B	C	C

B	A031	Ciconia ciconia			r		2	i		G	C	B	C	C
B	A030	Ciconia nigra			c				P	DD	C	B	C	C
B	A081	Circus aeruginosus			r	1	4	i		G	C	B	C	C
B	A081	Circus aeruginosus			w		2	i		G	C	B	C	C
B	A081	Circus aeruginosus			c		1	i		G	C	B	C	C
I	1071	Coenonympha oedippus			p				V	DD	C	A	A	A
B	A037	Cygnus columbianus bewickii			w		9	i		G	A	A	C	B
B	A038	Cygnus cygnus			w		4	i		G	C	A	C	C
B	A036	Cygnus olor			c	5	100	i		G	B	A	C	B
B	A036	Cygnus olor			w		30	i		G	B	A	C	B
B	A027	Egretta alba			w		6	i		G	C	B	C	C
B	A027	Egretta alba			c		1	i		G	C	B	C	C
B	A026	Egretta garzetta			w		1	i		G	C	A	C	C
B	A026	Egretta garzetta			c		15	i		G	C	A	C	C
R	5194	Elaphe sauromates			p	2	2	localities	V	P	C	C	C	C
R	1220	Emys orbicularis			p	1	1	localities	V	P	C	A	C	B
I	6199	Euplagia quadripunctaria			p				V	DD	C	B	C	B
B	A125	Fulica atra			c	250	1420	i		G	B	A	C	B
B	A125	Fulica atra			w	140	2409	i		G	B	A	C	B
B	A153	Gallinago gallinago			w		3	i		G	C	A	C	C
B	A153	Gallinago gallinago			c		1	i		G	C	A	C	C
B	A123	Gallinula chloropus			w				P	DD	C	B	C	C
B	A127	Grus grus			c				P	DD	C	B	C	C
B	A130	Haematopus ostralegus			c		2	i		G	C	B	C	C
B	A092	Hieraaetus pennatus			c				P	DD	C	B	C	C
B	A131	Himantopus himantopus			c				P	DD	C	B	C	C
B	A022	Ixobrychus minutus			r	2	3	p		G	C	A	C	C
B	A459	Larus cachinnans			w	5	126	i		G	B	A	C	A
B	A459	Larus cachinnans			c	49	213	i		G	B	A	C	A
B	A182	Larus canus			w	1	15	i		G	C	B	C	C
B	A183	Larus fuscus			w		1	i		G	C	B	C	C
B	A180	Larus genei			w		2	i		G	C	B	C	C
B	A176	Larus melanocephalus			c	3	5	i		G	C	B	C	C
B	A176	Larus melanocephalus			w	1	2	i		G	C	B	C	C
B	A177	Larus minutus			c	10	10	i		G	C	B	C	C
B	A177	Larus minutus			w	10	10	i		G	C	B	C	C
B	A179	Larus ridibundus			w	3	70	i		G	C	B	C	C
B	A179	Larus ridibundus			c	12	163	i		G	C	B	C	C
B	A150	Limicola falcinellus			w				P	DD	C	B	C	C
B	A150	Limicola falcinellus			c				P	DD	C	B	C	C
B	A156	Limosa limosa			w		1	i		G	C	B	C	C
I	1083	Lucanus cervus			p				R	DD	D			
M	1355	Lutra lutra			p	1	1	i		G	C	B	C	B
I	1060	Lycaena dispar			p				R	DD	C	B	C	B

R	1217	Testudo hermanni			p			localities	P	DD	C	C	C	C
B	A161	Tringa erythropus			c	2	2	i		G	C	B	C	C
B	A166	Tringa glareola			c	3	15	i		G	C	A	C	B
B	A164	Tringa nebularia			c		4	i		G	C	B	C	C
B	A165	Tringa ochropus			c				P	DD	B	A	C	B
B	A165	Tringa ochropus			w		2	i		G	B	A	C	B
B	A163	Tringa stagnatilis			c		1	i		G	C	B	C	C
B	A162	Tringa totanus			w		25	i		G	A	A	C	A
B	A162	Tringa totanus			c		13	i		G	A	A	C	A
A	1171	Triturus karelinii			p			localities	P	DD	C	C	C	C
B	A142	Vanellus vanellus			c	10	10	i		G	C	B	C	C

- **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
F		Aidablennius sphyinx						P					X	
F		Atherina boyeri						P			X			
I		Brenthis hecate						P						X
A		Bufo viridis						C					X	
R		Coluber caspius											X	
F		Coryphoblennius galerita						P					X	
R		Elaphe longissima						C					X	
F		Gasterosteus aculeatus						C			X			
F		Hippocampus guttulatus						P					X	
A		Hyla arborea						C					X	
R		Lacerta trilineata						C					X	
R		Lacerta viridis						C					X	
F		Liza ramada						P					X	
I		Lycaena ottomana						C						X
I		Melitaea trivia						C					X	
F		Mesogobius batrachocephalus						P					X	
I		Muschampia tessellum						C						X
R		Natrix tessellata						P					X	
F		Neogobius melanostomus						P						X
F		Neogobius ratan						P					X	
I		Parnassius mnemosyne						C					X	

F	Pegusa lascaris							P					X	
A	Pelobates syriacus							C					X	
R	Podarcis muralis												X	
R	Podarcis taurica												X	
I	Pseudophilotes vicrama							C						X
F	Pungitius platygaster							P			X			
A	Rana dalmatina							R					X	
F	Salaria pavo							P					X	
F	Symphodus ocellatus							P					X	
F	Syphonostoma typhle							P					X	
I	Thymelicus acteon							P						X
R	Vipera ammodytes							P					X	
I	Zerynthia polyxena							C					X	

- **Group:** A = Amphibians, B = Birds, F = Fish, Fu = Fungi, I = Invertebrates, L = Lichens, M = Mammals, P = Plants, R = Reptiles
- **CODE:** for Birds, Annex IV and V species the code as provided in the reference portal should be used in addition to the scientific name
- **S:** in case that the data on species are sensitive and therefore have to be blocked for any public access enter: yes
- **NP:** in case that a species is no longer present in the site enter: x (optional)
- **Unit:** i = individuals, p = pairs or other units according to the standard list of population units and codes in accordance with Article 12 and 17 reporting, (see [reference portal](#))
- **Cat.:** Abundance categories: C = common, R = rare, V = very rare, P = present
- **Motivation categories:** IV, V: Annex Species (Habitats Directive), A: National Red List data; B: Endemics; C: International Conventions; D: other reasons

4. SITE DESCRIPTION

4.1 General site character

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Habitat class	% Cover
N01	53.0
N16	1.0
N19	4.0
N23	2.0
N15	3.0
N07	37.0
Total Habitat Cover	100

Other Site Characteristics

A small sea bay at the estuary of the Marinka River, located to the south of the village of Kraymorie, close to the Burgas Sozopol road. The estuary part of the river is occupied by huge and dense reedbeds, dominated by *Phragmites australis*, *Typha angustifolia* and *Shoenoplectus lacustris*. The bottom of the bay is covered with mud sediments that form extensive shallows about 510 cm deep (the only coastal mud plain in Bulgaria). The shore is a sand strip, at places interspersed with stony sections. The slopes of the river valley and the bay are overgrown with forests and shrubs of *Carpinus orientalis* with some Mediterranean elements, like *Colutea arborascens*, etc. (Bondev 1991).

4.2 Quality and importance

The Bay of Chengene Skele supports 180 bird species, 52 of which are listed in the Red Data Book for Bulgaria (1985). Of the birds occurring there 80 species are of European conservation concern (SPEC) (BirdLife International, 2004), 6 of them being listed in category SPEC 1 as globally threatened, 21 in SPEC 2 and 53 in SPEC 3 as species threatened in Europe. The area provides suitable habitats for 65 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. Chengene Skele is of international importance for the breeding Pygmy Cormorant *Phalacrocorax pygmeus* and Glossy Ibis *Plegadis falcinellus*. The exceptionally rare and globally threatened Slender-billed Curlew *Numenius tenuirostris* has been recorded at this spot several times. There are only 415 records of this species in the wild since the beginning of the 20th century to 1993. (Tucker, Heath 1994). The site is of great importance for migrating birds, especially for plovers Charadriiformes.

4.3 Threats, pressures and activities with impacts on the site

The most important impacts and activities with high effect on the site

Negative Impacts			
Rank	Threats and pressures [code]	Pollution (optional) [code]	inside/outside [i o b]
H	D02.02		o
M	B02.02		o
M	H06.01		o
L	J02.01.01		o
L	F02.03		i
L	J02.05.01		o
H	F03.01		o
M	A01		o
L	F03.02.03		o
M	A05.01		o
H	K01.02		i
L	G05.04		i
L	E01		o
M	C01.01.01		o
M	E03		o
L	I01		o
H	E01.01		o
H	K02.03		i
H	K02.02		i
M	D02.01		i
H	D01.05		i
M	B01.02		o
M	A08		o
M	F02.03.01		o
L	F03.02.03		i
M	B01		o
M	A09		o
L	J02.11		i
L	A04		i
M	C01.01		o
L	F03.01		i
L	F03.02.01		o
L	F04		i
M	F02.01.02		o
L	D01.01		i
H	H06.01		i
L	G05.04		o
M	H04		i
H	D01.02		i
M	H04		o
M	F02.03.01		i
M	A04		o
L	D01.02		o
M	B		o
M	G05		i
H	D05		i
L	D01.01		o
M	E03		i
M	A03		o
L	D03.02		o

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside /outside [i o b]
M	B01		o
M	B01.02		o
M	A05.01		o
M	D02.01		i
M	B02.02		o
H	D01.05		i
M	F02.03.01		o
M	A08		o
M	G05		i
M	A03		o
M	C01.01		o
M	A09		o
M	B		o
M	A04		o
M	F02.01.02		o
M	A01		o
M	C01.01.01		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 Simeon Marin - Green Balkans Federation, Plovdiv 4000; Dr. P. Iankov, I. Dimchev - BSPB, Bulgaria, 1111 Sofia, P.O.Box 50, (+359 2) 9715855, fax (+359 2) 9715856, www.bspb.org. 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: BDZP/BirdLife Balgariya. 2005. Nacionalna banka za ornitologichna informacia 1988-2005, Balgarsko Druzhestvo za zastita na pticite; Bondev, I. 1991. The Vegetation of Bulgaria. Map 1 : 600 000 with explanatory text. Sofia: St. Kliment Ohridski University Press. (In Bulgarian.); Botev, B. and Tz. Peshev, (eds). 1985. Red Data Book of Republic Bulgaria. 2: Animals. Sofia: Bulgarian Academy of Science. (In Bulgarian.); Iankov, P. 2002. (red.). Svetovno zastrasheni vidove ptici v Bulgaria. Nacionalni planove za dejstvie za opazvaneto im. Chast 1. BDZP-MOSV, Prirodzashtitna poredica, Kn. 4, Sofia: 204-219.; Kostadinova, I. (sust.) 1997. Ornitologichno vazhni mesta v Bulgaria. BDZP, Prirodzashtitna poredica. Kniga 1, BDZP, Sofia, 176 s.; Kostadinova, I., S. Dereliev. 2001. Results the Mid-Winter Counts of Waterbirds in Bulgaria for the period 1997- 2001. BSPB Conservation Series. Book 3, BSPB, Sofia, BG MOSV. 2005. Arhiv na zastitenite teritorii v Balgaria. Baza dannii (nepubl.); Nikolov, Hr., S. Marin, A. Darakchiev. 1999. Malkiat kormoran v Bulgaria. Razprostranenie, chislenost i zaplahi. Nauch. Tr. Plov. Univ., Animalia, 35, 6, 67-81.; Petkov, N. 1997a. Kachulata potapnica (Aythya fuligula). Za pticite, 2 (esen /zima), 13.; BirdLife International. 2000. Threatened birds of the world. Barcelona and Cambridge, UK: Lynx Edicions and BirdLife International, 695pp. BirdLife International. 2004. Birds in Europe: Population estimates, trends and conservation status. Cambridge, UK: BirdLife International (BirdLife Conservation Series No. 12). 373pp.; BSPB/BirdLife International. 2005. World Bird Database Important Birds Areas. Bulgaria. Cambridge. (unpublished); Guidelines for evaluation of protected zones according, which include habitats for birds to art.7, par.3, under the art.6 par.1.3 and 1.4 of the Biodiversity Act. 2005. (In Bulgarian.); Heath, M.F. and Evans, M.I., eds. 2000. Important Bird Areas in Europe: Priority sites for conservation, vol. 2 Southern Europe. Cambridge, UK: BirdLife International (BirdLife Conservation Series No. 8).; Iankov, P., N. Petkov, A. Kovachev, D. Plachiisky. (in print). Pygmy Cormorant in Bulgaria 2001/2002. Final Report.; Kostadinova, I., M. Mihailov, (comp.) 2002. Guide for NATURA 2000 in Bulgaria. BSPB nature conservation series No5. BSPB, Sofia, 80pp. (In Bulgarian.); Kostadinova, I. 2005. Application of C criteria for Identification of Important Bird Areas of European Union importance in Bulgaria. Preliminary implementation and analysis of the gaps. In: Petrova, A. (ed.), Current state of Bulgarian biodiversity problems and perspectives. Pp. 533-548. Bulgarian Bioplatform, Sofia; Michev, T., Tz. Petrov, L. Profirov. 1989. Status, breeding, distribution, numbers and conservation of the White Stork in Bulgaria; Mihov, S. (2000). Unsuspected wealth of fish in PA "Chengene skele". Burgas lakes, information bulletin, volume 5. BSBCP, Burgas, BG. 13 p.; MOEW. 1998. CORINE Biotopes Database of the sites of European Importance for the biodiversity. Bulgaria, MOSV (nepubl.); Osieck, E. 2000 Filling in the requirements of the EU Birds Directive: Lessons from the Dutch Case. In: European IBA Workshop. 29 March - 2 April 2000, Brussels, Belgium. Proceedings. BirdLife International, 86-99; Tucker, G.M., M.F. Heath. 1994. Birds in Europe. Their Conservation Status. BirdLife Conservation Series no.3. Cambridge, BirdLife International, 600 p. Waliczky, Z. 2000 Important Bird Areas of European Union Importance: explanation of the EU Criteria applied in IBA 2000 In: European IBA Workshop. 29 March - 2 April 2000, Brussels, Belgium. Proceedings. BirdLife International, 12-16

Link(s): <http://natura2000.moew.government.bg/Home/ProtectedSite?code=BG0000242&siteType=BirdsDirective>
<http://natura2000.moew.government.bg/Home/ProtectedSite?code=BG0000242&siteType=HabitatDirective>

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
BG00	16.0	BG06	84.0		

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
BG06	Chengene skele	+	84.0

5.3 Site designation (optional)

About 83% of the territory of the Chengene Skele bay was designated as protected area in 1995 to protect the threatened bird species. The area was designated as Important Bird Area by BirdLife International in 1997.

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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

6.2 Management Plan(s):

An actual management plan does exist:

<input type="checkbox"/> Yes
<input type="checkbox"/> No, but in preparation
<input checked="" type="checkbox"/> No

6.3 Conservation measures (optional)

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).