



# 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 BG0002029  
SITENAME Kotlenska planina

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## 1. SITE IDENTIFICATION

<b>1.1 Type</b> A	<b>1.2 Site code</b> BG0002029	<a href="#">Back to top</a>
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### 1.3 Site name

Kotlenska planina

<b>1.4 First Compilation date</b> 2005-10	<b>1.5 Update date</b> 2015-07
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### 1.6 Respondent:

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

### 1.7 Site indication and designation / classification dates

<b>Date site classified as SPA:</b>	2007-03
<b>National legal reference of SPA designation</b>	Site classified as SPA by Council of Ministers Decision No. 122/02.03.2007 (promulgated SG 21/2007).
<b>Explanation(s):</b>	Site classified as SPA 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 site - Order No. RD - 910/11.12.2008 (promulgated SG 15/2009), amended by Order No. RD - 72/28.01.2013 (promulgated SG 10/2013).

## 2. SITE LOCATION

### 2.1 Site-centre location [decimal degrees]:

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**Longitude** 26.470277777777778      **Latitude** 42.905833333333334

### 2.2 Area [ha]:

99299.7712

### 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
BG33	Североизточен / Severoiztochen
BG33	Североизточен / Severoiztochen
BG34	Югоизточен / Yugoiztochen
BG34	Югоизточен / Yugoiztochen

## 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

### 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			
						Min	Max				Pop.	Con.	Iso.	Glo.
B	A402	<a href="#">Accipiter brevipes</a>			r	4	6	p		G	B	A	C	B
B	A402	<a href="#">Accipiter brevipes</a>			c	7	10	i		G	B	A	C	B
B	A086	<a href="#">Accipiter nisus</a>			c	40	90	i		G	C	A	C	C
B	A086	<a href="#">Accipiter nisus</a>			p	17	39	p		G	C	A	C	C
B	A079	<a href="#">Aegypius monachus</a>			c		1	i		G	C	B	C	C
B	A229	<a href="#">Alcedo atthis</a>			p	2	14	p		G	C	B	C	C
B	A054	<a href="#">Anas acuta</a>			w	2	4	i		G	C	B	C	C
B	A056	<a href="#">Anas clypeata</a>			c	4	20	i		G	C	A	C	C
B	A052	<a href="#">Anas crecca</a>			c	200	220	i		G	C	B	C	C
B	A052	<a href="#">Anas crecca</a>			w		106	i		G	C	B	C	C
B	A050	<a href="#">Anas penelope</a>			w		37	i		G	C	B	C	C
B	A050	<a href="#">Anas penelope</a>			c	10	60	i		G	C	B	C	C
B	A053	<a href="#">Anas platyrhynchos</a>			c	400	400	i		G	B	A	C	B
B	A053	<a href="#">Anas platyrhynchos</a>			w		2310	i		G	B	A	C	B
B	A053	<a href="#">Anas platyrhynchos</a>			p	16	24	p		G	B	A	C	B
B	A051	<a href="#">Anas strepera</a>			w		4	i		G	C	B	C	C
B	A041	<a href="#">Anser albifrons</a>			w		320	i		G	C	A	C	C
B	A041	<a href="#">Anser albifrons</a>			c	1200	3000	i		G	C	A	C	C
B	A043	<a href="#">Anser anser</a>			w		180	i		G	A	B	C	A
B	A255	<a href="#">Anthus campestris</a>			r		1	p		G	C	B	C	C
B	A091	<a href="#">Aquila chrysaetos</a>			p	4	6	p		G	B	A	C	A
B	A090	<a href="#">Aquila clanga</a>			c		1	i		G	C	A	C	B







B	A382	<a href="#">melanocephala</a>			90	90	p							X	
B	A269	<a href="#">Erithacus rubecula</a>			19000	19000	p							X	
B	A359	<a href="#">Fringilla coelebs</a>			43000	43000	p							X	
B	A244	<a href="#">Galerida cristata</a>			275	275	p							X	
B	A251	<a href="#">Hirundo rustica</a>			2200	2200	p							X	
B	A233	<a href="#">Jynx torquilla</a>			21	21	p							X	
B	A271	<a href="#">Luscinia megarhynchos</a>			3150	3150	p							X	
B	A383	<a href="#">Miliaria calandra</a>			1825	1825	p							X	
B	A280	<a href="#">Monticola saxatilis</a>			9	9	p							X	
B	A278	<a href="#">Oenanthe hispanica</a>			20	20	p							X	
B	A214	<a href="#">Otus scops</a>			140	140	p							X	
B	A329	<a href="#">Parus caeruleus</a>			1750	1750	p							X	
B	A443	<a href="#">Parus lugubris</a>			28	28	p							X	
B	A235	<a href="#">Picus viridis</a>			455	455	p							X	
B	A210	<a href="#">Streptopelia turtur</a>			500	500	p							X	
B	A283	<a href="#">Turdus merula</a>			16300	16300	p							X	
B	A285	<a href="#">Turdus philomelos</a>			5100	5100	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

### 4.1 General site character

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Habitat class	% Cover
N21	1.0
N17	
N22	
N08	3.0
N19	7.0
N23	3.0
N15	7.0
N10	5.0
N16	50.0
N12	11.0
N09	10.0
N06	3.0
Total Habitat Cover	NaN

### Other Site Characteristics

Kotlenska Mountain is located in the central share of the Eastern Balkan. Its limits are defined by the rivers Ticha to the north, up to the point where it joins Ticha Dam, Stara Reka to the west and Luda Kamchia to the south. To the east the area reaches Varbishki Pass in its section from the village of Beronovo to the town of Varbitsa, and continues along the Varbitsa - Byala Reka road passing at 1.5 km from the bank of Ticha Dam. Many clearly formed secondary ridges with steep slopes and deeply cutting gorges and ravines descend from the main ridge of the mountain to the Ticha and Luda Kamchia river valleys. The terrain is steep and heavily indented. Ticha Dam is located in the north-

eastern part of Kotlenska Mountain. The region is sparsely populated, mainly in its periphery and along the river valleys. About 23 of the mountain territory is occupied by primary broadleaved forests mainly of *Fagus sylvatica* subsp. *moesiaca*, at places mixed with *Carpinus betulus*. More limited are the forests of *Quercus dalechampii*, sometimes mixed with *C. betulus* and *Carpinus orientalis*, the mixed forests of *Quercus cerris* and *Quercus frainetto*. A small location of natural mixed forests of White Fir *Abies alba* and Beech *Fagus sylvatica* has been established in the western part of the mountain. The secondary forests and shrubs of Oriental Hornbeam have a very limited distribution in the region. The rest of the territory is occupied by open grasslands, used as pastures and farmland. Three types of grass associations dominate the grasslands: mesophyte, xero-mesophyte and xerothermal grass associations. A considerable part of the open areas, including the agricultural plots, have a secondary origin, i.e. they spread on territory previously occupied by old forests. The wet areas and the river valleys cover a comparatively small part of the mountain territory. The only wetland in the mountain is Ticha Reservoir, which is not fringed with marsh vegetation. Limestone rocks and karst formations are dispersed everywhere in the high mountain areas (Nedyalkov 1984; Bondev 1991; Georgiev 1993). In 1997 the area is appointed as Important Bird Area by BirdLife International.

#### 4.2 Quality and importance

The territory of Kotlenska Mountain supports 182 bird species, 51 of which are listed in the Red Data Book for Bulgaria (1985). Of the birds occurring there 81 species are of European conservation concern (SPEC) (BirdLife International, 2004), 10 of them being listed in category SPEC 1 as globally threatened, 21 in SPEC 2 and 50 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. Kotlenska Mountain is a place of global importance for the breeding Corncrake *Crex crex* and one of the most valuable sites in the country at European Union level for Black Stork *Ciconia nigra*, Honey Buzzard *Pernis apivorus*, Short-toed Eagle *Circus gallicus*, Lesser Spotted Eagle *Aquila pomarina*, Golden Eagle *Aquila chrysaetos*, Booted Eagle *Hieraaetus pennatus*, Peregrine *Falco peregrinus*, Hazel Grouse *Bonasa bonasia*, Semi-collared Flycatcher *Ficedula semitorquata* and Middle Spotted Woodpecker *Dendrocopos medius*, where these species breed in considerable numbers. Through the Kotlenska Mountain pass the most western part of Via Pontica migration flyway. It is a typical bottleneck site where more than 3,000 raptors migrate in autumn every year. The most numerous migrants are Honey Buzzard, Buzzard *Buteo buteo*, Red-footed Falcon *Falco vespertinus* and harriers. The Crane is also recorded during migration. During the winter and migration period Ticha Reservoir holds significant numbers of waterfowl Black-throated Diver *Gavia arctica*, Cormorant *Phalacrocorax carbo*, Mallard *Anas platyrhynchos*, etc.

#### 4.3 Threats, pressures and activities with impacts on the site

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

Negative Impacts			
Rank	Threats and pressures [code]	Pollution (optional) [code]	inside/outside [i o b]
M	G05		o
M	B		o
L	D02.01		i
M	G01.04		i
L	D01.01		i
M	G05		i
M	G05.01		i
L	G02.04		i
M	B01.02		i
M	A05.01		i
M	F03.01		i
M	B		i
M	A07		o
M	B01		i
M	F02.03		i
L	G01.05		i
M	A04.03		i
M	F03.02.02		i
M	C01.01.01		i
M	A03		i
L	A07		i
M	G02.10		i
M	B02.02		i
M	F06		i
M	G01.02		i
M	F04		i
M	A03		o

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside /outside [i o b]
M	F02.03		i
M	A04		i

M	H05		o
L	H05		i
L	A01		i
L	J01		i
M	A01		o
M	F03.01		o
M	A04		i

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 I. Angelov, I. Dimchev, V. Vasilev - Bulgarian Society for the Protection of Birds, Bulgaria, 1111 Sofia, P.O.Box 50, phone (+359 2) 9715855, fax (+359 2) 9715856, www.bspb.org ; E. Stoynov - Fund for the wild FLORA and FAUNA, 2700 Blagoevgrad, P.O.Box 78, tel/fax.: (+35973)881440. Data revised by a team of Bulgarian Academy of Sciences (<http://www.bas.bg>).

Documents: BDZP/BirdLife Balgariya. 2005. Nacionalna banka za ornitologichna informacia 1988-2005, Balgarsko Druzhestvo za zastita na pticite; Bondev, I. 1991. Rastitelnostta na Balgariya. S. Universitetsko izdatelstvo Sv. Kliment Ohridski, 183 s.; Botev, B. and Tz. Peshev, (eds). 1985. Red Data Book of Republic Bulgaria. 2: Animals. Sofia: Bulgarian Academy of Science. (In Bulgarian.); Kostadinova, I. (sast.) 1997. Ornitologichno vazhni mesta v Balgariya. BDZP, Prirodzashtitna poreditsa. Kniga 1, BDZP, Sofiya, 176 s.; Michev, T., Tz. Petrov, L. Profirov, P. Iankov, S. Gavrailov. 1989. Razprostranenie I prirodzashtiten status na skalniya orel *Aquila chrysaetos chrysaetos* (L.), 1758 v Balgariya. *Izv. Muz. Yu. Balgariya*, 15, 79-87.; MOSV. 2005. Arhiv na zastitenite teritorii v Balgaria. Baza danni (nepubl.); Nedyalkov, S. (kol). 1984. Nauchen doklad po zadacha: Razrobotvane na nauchnoobosnovani predlozheniya za izgrazhdane na sistema ot zashtiteni prirodni obekti na teritoriyata na Kotlenskata selishtna sistema. S., NKTSOVOS pri BAN, 57 s.; Nikolov, Hr., S. Marin, A. Darakchiev. 1999. Malkiyat kormoran v Balgariya. Razprostranenie, chislenost I zaplahi. *Nauch. Tr. Plov. Univ., Animaliya*, 35, 6, 67-81.; Petkov, N. 1997b. Savremenno sastoyanie na belookata potapnitsa (*Aythya nyroca*) v Balgariya. Diplomna rabota, Biologicheski Fakultet pri SU Sv. Kl. Ohridski, Sofiya, 104 s.; Petrov, Tz. 1997b. Belyat shtarkel (*Ciconia ciconia*) v Balgariya. Prirodzashtitna poreditsa, Kniga 2, BDZP, Plovdiv.; Petrov, Tz., T. Michev. 1985. Gnezdovo razprostranenie, chislenost I opazvane na trastikoviya blatar, *Circus aeruginosus* (Linnaeus, 1758) v Balgariya. V: Mezhd. Simp. Po proekt 8-MAB (UNESCO). Opazvane na prirodnite teritorii I sadarzashtiya se v tyah genetichen fond. Tom I. Blagoevgrad, 23-28.09.1985 g. S., BAN: 306-313.; Petrov, Tz., P. Iankov, T. Michev, B. Milchev, L. Profirov. 1991. Razprostranenie, chislenost I merki za opazvane na cherniya shtarkel, *Ciconia nigra* (L.) v Balgariya. *Izv. Muz. Yu. Balgariya*, T. 17, 25-32.; Simeonov, S., T. Michev. 1985. Savremenno razprostranenie I chislenost na buhala (*Bubo bubo*(L.) v Balgariya. *Ekologiya*, 15, 60-65.; 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.); BirdLife International. 2005. World Bird Database Important Birds Areas. Bulgaria. Cambridge. (unpublished); Iankov, P., Tz. Petrov, T. Michev, L. Profirov. 1994. Past and present Status of the Lesser Kestrel *Falco naumanni* in Bulgaria. In: Meyburg, B.-U. & R.D. Chancellor eds. 1994. Raptor Conservation Today, WWGBP/ The Pica Press, 133-137.; Iankov, P., Tz. Petrov, T. Michev, L. Profirov. 1996. Status of the Spotted Eagle (*Aquila clanga*) and the Lesser Spotted Eagle (*Aquila pomarina*) in the Mediterranean. In: Muntaner, J. and J. Mayol (Eds.). Biology and conservation of Mediterranean Raptors, 1994. Monogr. 4. SEO, Madrid, 77-81.; Iankov, P., N. Petkov, A. Kovachev, D. Plachiisky. (in print). Pygmy Cormorant in Bulgaria 2001/2002. Final Report.; Kouzmanov, G. 1996. L`Aigle pomarin *Aquila pomarina* en Bulgarie. In: Meyburg, B.-U. & R. D. Chancellor eds. Eagle Studies. World Working Group on Birds of Prey (WWGBP), Berlin, London & Paris, 319-326.; Kouzmanov, G., G. Stoyanov, R. Todorov. 1996. Sur la Biologie et la Protection de l`Aigle royal *Aquila chrysaetos* en Bulgarie. - In: Meyburg, B.-U. & R.D. Chancellor eds. 1994. Raptor Conservation Today, WWGBP/ The Pica Press, 505-515.; 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; 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; 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; 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=BG0002029&siteType=BirdsDirective>

## 5. SITE PROTECTION STATUS (optional)

### 5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
BG03	0.448	BG06	0.14	BG01	1.0



BG00	98.312	BG04	0.1
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## 5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
BG03	PESHTERATA V M. TSAREVETS	+	
BG06	ORLOVA SKALA	+	0.1
BG03	NAHODISHTE NA CHERNI BOROVIKI	+	
BG03	SVETI 40 MACHENIKA	+	
BG03	MALKATA MAARA CAVE	+	
BG03	ZLOSTEN	+	0.4
BG06	ZHELEZNI VRATA	+	0.04
BG03	LEDNITSATA	+	
BG03	KARVAVATA LOKVA	+	
BG03	PRIKAZNA CAVE	+	
BG03	IZVORITE	+	
BG03	URUSHKI ROCKS	+	0.01
BG03	DRYANOVSKA CAVE	+	
BG03	SINI VIR	+	
BG03	BILERNIKA	+	
BG01	ORLITSATA	+	1.0
BG03	CHERNITE IZVORI	+	0.02
BG06	KORENIK	+	
BG03	MAARATA	+	0.018
BG03	BADZHALA KAYA	+	
BG03	ORLOVITE CAVES	+	
BG04	ARDACHLAKA	+	0.1
BG06	HARSOV GRAD	+	
BG06	VIDA	+	

designated at international level:

Type	Site name	Type	Cover [%]
Other	IBA	=	100.0

## 5.3 Site designation (optional)

In the Kotlenska Mountain there are 24 protected areas a reserve, protected areas and natural monuments, but they cover only 1.3% of its territory. Most of the protected areas are designated to protect the landscape features. The Orbitsa Reserve was designated in 1984 to protect the primary beech forest ecosystems, rare raptors and unique karst landscape. About 16% of the territory of Kotlenska Mountain was appointed as CORINE Site in 1998 because of its European value for habitats, rare and threatened plant and animal species. In 1997 the area was appointed as Important Bird Area by BirdLife International.

## 6. SITE MANAGEMENT

### 6.1 Body(ies) responsible for the site management:

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Organisation:	RIEW-Veliko Tarnovo, Stara Zagora, Burgas, Shumen; Danubean River Basin Directorate; State Game-breeding Center "Veliki Peslav"; Forestry Departments - Varbitsa; Elena; Kipilovo; Kotel; Omurtag ; Sadovo; Sliven; Smyadovo; Stara Reka; Ticha;
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).