



# 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 BG0002088

SITENAME Mikre

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## 1. SITE IDENTIFICATION

<b>1.1 Type</b> A	<b>1.2 Site code</b> BG0002088	<a href="#">Back to top</a>
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### 1.3 Site name

Mikre
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<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 - 752/24.10.2008 (promulgated SG 97/2008).

## 2. SITE LOCATION

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

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<b>Longitude</b> 24.66361111111111	<b>Latitude</b> 43.0175
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<b>2.2 Area [ha]:</b> 12383.1859	<b>2.3 Marine area [%]</b> 0.0
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## 2.4 Sitelength [km]:

0.0

## 2.5 Administrative region code and name

NUTS level 2 code

Region Name

BG31	Северозападен / Severozapaden
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## 2.6 Biogeographical Region(s)

Continental (100.0  
%)

## 3. ECOLOGICAL INFORMATION

### 3.1 Habitat types present on the site and assessment for them

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### 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	A085	<a href="#">Accipiter gentilis</a>			p	3	5	p		G	C	A	C	C
B	A086	<a href="#">Accipiter nisus</a>			p	6	7	p		G	C	A	C	C
B	A229	<a href="#">Alcedo atthis</a>			p	1	9	p		G	C	B	C	C
B	A089	<a href="#">Aquila pomarina</a>			c				P	DD	C	B	C	C
B	A215	<a href="#">Bubo bubo</a>			p	1	1	p		G	C	A	C	C
B	A087	<a href="#">Buteo buteo</a>			p	14	27	p		G	C	A	C	C
B	A087	<a href="#">Buteo buteo</a>			c				P	DD	C	A	C	C
B	A224	<a href="#">Caprimulgus europaeus</a>			r	40	60	p		G	C	A	C	B
B	A136	<a href="#">Charadrius dubius</a>			c				P	DD	C	B	C	C
B	A136	<a href="#">Charadrius dubius</a>			r	1	9	p		G	C	B	C	C
B	A031	<a href="#">Ciconia ciconia</a>			r	8	8	p		G	C	A	C	C
B	A030	<a href="#">Ciconia nigra</a>			r	5	5	p		G	C	B	C	C
B	A122	<a href="#">Crex crex</a>			r	35	60	p		G	C	A	C	A
B	A238	<a href="#">Dendrocopos medius</a>			p	10	15	p		G	C	B	C	C
B	A429	<a href="#">Dendrocopos syriacus</a>			p	20	200	p		G	C	A	C	B
B	A236	<a href="#">Dryocopus martius</a>			p	20	35	p		G	C	A	C	B
B	A027	<a href="#">Egretta alba</a>			c				P	DD	C	B	C	C
B	A026	<a href="#">Egretta garzetta</a>			c				P	DD	C	B	C	C
B	A379	<a href="#">Emberiza hortulana</a>			r	30	130	p		G	C	A	C	C
B	A099	<a href="#">Falco subbuteo</a>			r	2	3	p		G	C	B	C	C
B	A099	<a href="#">Falco subbuteo</a>			c				P	DD	C	B	C	C
B	A096	<a href="#">Falco tinnunculus</a>			p	2	2	p		G	C	B	C	C
B	A338	<a href="#">Lanius collurio</a>			r	250	300	p		G	C	A	C	B
B	A246	<a href="#">Lullula arborea</a>			p	30	50	p		G	C	A	C	C
B	A230	<a href="#">Merops apiaster</a>			r	10	10	p		G	C	B	C	C
B	A023	<a href="#">Nycticorax nycticorax</a>			c	10	10	i		G	C	B	C	C

B	A072	<a href="#">Pernis apivorus</a>			r	3	3	p		G	C	A	C	B
B	A072	<a href="#">Pernis apivorus</a>			c	10	10	i		G	C	A	C	B
B	A234	<a href="#">Picus canus</a>			p	25	40	p		G	C	A	C	A
B	A142	<a href="#">Vanellus vanellus</a>			r	1	9	p		G	C	B	C	C
B	A142	<a href="#">Vanellus vanellus</a>			c				P	DD	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
B	A247	<a href="#">Alauda arvensis</a>			550	550	p						X	
B	A218	<a href="#">Athene noctua</a>			10	10	p						X	
B	A363	<a href="#">Carduelis chloris</a>			110	110	p						X	
B	A113	<a href="#">Coturnix coturnix</a>			55	55	p						X	
B	A269	<a href="#">Erithacus rubecula</a>			550	550	p						X	
B	A359	<a href="#">Fringilla coelebs</a>			1550	1550	p						X	
B	A244	<a href="#">Galerida cristata</a>			55	55	p						X	
B	A251	<a href="#">Hirundo rustica</a>			550	550	p						X	
B	A233	<a href="#">Jynx torquilla</a>			5	5	p						X	
B	A271	<a href="#">Luscinia megarhynchos</a>			1100	1100	p						X	
B	A383	<a href="#">Miliaria calandra</a>			550	550	p						X	
B	A329	<a href="#">Parus caeruleus</a>			55	55	p						X	
B	A443	<a href="#">Parus lugubris</a>			55	55	p						X	
B	A235	<a href="#">Picus viridis</a>			55	55	p						X	
B	A276	<a href="#">Saxicola torquata</a>			5	5	p						X	
B	A210	<a href="#">Streptopelia turtur</a>			110	110	p						X	
B	A311	<a href="#">Sylvia atricapilla</a>			550	550	p						X	
B	A283	<a href="#">Turdus merula</a>			1100	1100	p						X	
B	A285	<a href="#">Turdus philomelos</a>			600	600	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	
N09	14.0
N22	
N15	3.0
N16	45.0
N20	
N08	6.0
N17	2.0
N12	2.0
N21	3.0
N23	1.0
N10	17.0
N19	7.0
Total Habitat Cover	NaN

### Other Site Characteristics

Mikre Meadows are located in northern Bulgaria, to the south of the town of Lovech. It covers the Mikre heights south of the main road E772 between Sopot reservoir and the village of Stefanovo. A big share of the sites territory is occupied by forests mainly broadleaved forest of *Quercus cerris* and more rarely mixed forests of *Q. cerris* with *Carpinus orientalis* and *Fraxinus ornus*. The preserved spots of old beech *Fagus sylvatica* subs. *moesiaca* and oak *Quercus dalechampii* woodland in the sites eastern part deserve special attention. Open areas pastures, shrubs and grasslands cover 13 of the sites total territory. They are predominantly overgrown with xerothermal and mesoxerothermal grass vegetation dominated by *Festuca valesiaca*, *Chrysopogon gryllus*, *Agrostis capillaris*, etc. or xerothermal communities with *Dichanthium ischaemum*, *Poa bulbosa* and *Chrysopogon gryllus*.

### 4.2 Quality and importance

Mikre supports 83 bird species, 11 of which are listed in the Red Data Book for Bulgaria (1985). Of the birds occurring there 32 species are of European conservation concern (SPEC) (BirdLife International, 2004), 1 of them being listed in category SPEC 1 as globally threatened, 10 in SPEC 2 and 21 in SPEC 3 as species threatened in Europe. The area provides suitable habitats for 20 species, included in Annex 2 of the Biodiversity Act, which need special conservation measures, of which 19 are listed also in Annex I of the Birds Directive. With its complex of natural wet meadows Mikre is one of the sites with most numerous population of the globally threatened Corncrake *Crex crex* in Bulgaria. It is one of the most valuable sites on a European Union scale for the breeding of this species and the Grey-headed Woodpecker *Picus canus*. The area holds representative populations of Honey Buzzard *Pernis apivorus*, European Nightjar *Caprimulgus europaeus*, Black Woodpecker *Dryocopus martius*, Syrian Woodpecker *Dendrocopos syriacus* and Red-backed Shrike *Lanius collurio*.

### 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	A04.03		i
M	D02.01		o
M	B02.04		o
L	B01.02		i
L	J02.05.02		o
M	B02.02		i
M	B		o
M	A10		i
M	B02.04		i
M	F03.01		o
M	A03		i

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

L	B01.02		o
M	F03.01		i
M	B		i
M	A03		o
M	D02.01		i
M	B02.02		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 Dr. V. Delov - 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 ; Dr. P. Shurulinkov, Dr. Ts. Zlatanov - Institute of Zoology, BAS, 1 "Tzar Osvooboditel" blvd., 1000 Sofia, Dr. R. Tzonev - Faculty of Biology, Sofia University, 1164 Sofia, 8 Dr. Tsankov Blvd. 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; 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.; MOSV. 2005. Arhiv na zastitenite teritorii v Bulgaria. Baza danni (nepubl.); Petrov, C. 1997b. Beliat shturkel (Ciconia ciconia) v Bulgaria. Prirodzashtitna poredica, Kniga 2, BDZP, Plovdiv.; Petrov, C., P. Iankov, T. Michev, B. Milchev, L. Profirov. 1991. Razprostranenie, chislenost i merki za opazvane na chernia shturkel, Ciconia nigra (L.) v Bulgaria. Izv. Muz. IU. Bulgaria, T. 17, 25-32.; Simeonov, S., T. Michev. 1985. Suvremenno razprostranenie i chislenost na buhala (Bubo bubo (L.) v Bulgaria. Ekologia, 15, 60-65.; \*\*\*. 2005. District Development Strategy of Lovech District 2005-2015. Lovech. 94pp. (In Bulgarian); 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.); 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=BG0002088&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 [%]
BG00	99.9	BG06	0.1		

### 5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
BG06	PETKO BUNAR	+	0.04
BG06	MIKRENSKA USOYNA	+	0.019
BG06	KORLUK	+	0.04

designated at international level:

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

### 5.3 Site designation (optional)

Only 0.1% of Mikre is under protection according to the national nature conservation legislation. The Korluk, Petko bunar and Mikrenska usoyna Protected Areas are designated for protection of the typical landscape in the region. About 24% of the sites territory overlaps with Mikre CORINE Site appointed in 1998 because of its European value for rare and threatened habitats. In 2005 it was designated as Important Bird Area by BirdLife International.

## 6. SITE MANAGEMENT

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

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Organisation:	Regional Inspectorate of Environment and Water - Pleven; Forestry Departments - Borima, Lovech, Troyan;
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).