



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 **BG0002101**
SITENAME **Meshtitsa**

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1. SITE IDENTIFICATION

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| | |
|----------------------|-----------------------------------|
| 1.1 Type A | 1.2 Site code BG0002101 |
|----------------------|-----------------------------------|

1.3 Site name

| |
|-----------|
| Meshtitsa |
|-----------|

| | |
|--|-----------------------------------|
| 1.4 First Compilation date 2005-10 | 1.5 Update date 2015-07 |
|--|-----------------------------------|

1.6 Respondent:

| | |
|---------------------------|---|
| Name/Organisation: | Ministry of Environment and Water, "National Nature Protection Service" Directorate |
| Address: | Sofia Maria Luiza Blvd. 22 1000 Sofia |
| Email: | r.dimova@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). |
| Explanation(s): | 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 – 809/06.11.2008 (promulgated SG 108/2008). |

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude

22.982777777777777

Latitude

42.721944444444446

2.2 Area [ha]:

3416.3153

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

| | |
|------|--------------------------|
| BG41 | Югозападен / Yugozapaden |
| BG41 | Югозападен / Yugozapaden |

2.6 Biogeographical Region(s)

Continental (100.0
%)

3. ECOLOGICAL INFORMATION

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

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| Species | | | | Population in the site | | | | | | | Site assessment | | | | | |
|---------|------|--|---|------------------------|------|------|-----|------|---------|--------------|-----------------|-------|-------|-------|--|--|
| Group | Code | Scientific Name | S | NP | Type | Size | | Unit | Cat. | Data quality | A B C D | | | A B C | | |
| | | | | | | Min | Max | | C R V P | | Pop. | Cons. | Isol. | Glob. | | |
| B | A089 | Aquila pomarina | | | r | 1 | 1 | p | | G | C | B | C | B | | |
| B | A403 | Buteo rufinus | | | p | 1 | 1 | p | | G | C | B | C | B | | |
| B | A122 | Crex crex | | | r | 7 | 23 | p | | G | C | A | C | A | | |
| B | A429 | Dendrocopos syriacus | | | p | 3 | 3 | p | | G | C | B | C | C | | |
| B | A379 | Emberiza hortulana | | | r | 80 | 90 | p | | G | C | B | C | C | | |
| B | A338 | Lanius collurio | | | r | 100 | 110 | p | | G | C | B | C | C | | |
| B | A339 | Lanius minor | | | r | 10 | 14 | p | | G | C | B | C | C | | |
| B | A246 | Lullula arborea | | | p | 5 | 10 | p | | G | C | B | C | C | | |
| B | A242 | Melanocorypha calandra | | | p | 5 | 6 | p | | G | C | B | C | C | | |
| B | A072 | Pernis apivorus | | | r | 1 | 1 | p | | G | C | B | C | B | | |
| B | A234 | Picus canus | | | p | 4 | 4 | p | | G | C | B | C | C | | |
| B | A307 | Sylvia nisoria | | | r | 25 | 30 | p | | 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 |
| B | A247 | Alauda arvensis | | | 95 | 95 | | | | | | | X | |
| B | A366 | Carduelis cannabina | | | 10 | 10 | | | | | | | X | |
| B | A363 | Carduelis chloris | | | 22 | 22 | | | | | | | X | |
| B | A113 | Coturnix coturnix | | | 80 | 80 | | | | | | | X | |
| B | A359 | Fringilla coelebs | | | 130 | 130 | | | | | | | X | |
| B | A244 | Galerida cristata | | | 15 | 15 | | | | | | | X | |
| B | A383 | Miliaria calandra | | | 55 | 55 | | | | | | | X | |
| B | A329 | Parus caeruleus | | | 10 | 10 | | | | | | | X | |
| B | A235 | Picus viridis | | | 5 | 5 | | | | | | | X | |
| B | A276 | Saxicola torquata | | | 2 | 2 | | | | | | | X | |
| B | A311 | Sylvia atricapilla | | | 27 | 27 | | | | | | | X | |
| B | A283 | Turdus merula | | | 12 | 12 | | | | | | | 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 |
|----------------------------|---------|
| N15 | |
| N19 | 3.0 |
| N10 | 10.0 |
| N23 | 3.0 |
| N12 | 48.0 |
| N08 | 4.0 |
| N16 | 3.0 |
| N06 | |
| N22 | 2.0 |
| N21 | 1.0 |
| N09 | 23.0 |
| N17 | 3.0 |
| Total Habitat Cover | NaN |

Other Site Characteristics

| |
|--|
| |
|--|

Meshtitsa meadows are located in south-western Bulgaria, in the Breznik kettle plain between the towns of Pernik and Breznik. It covers the southern slopes of the Viskyar mountain to the east of the town of Breznik in the region of the villages of Viskyar, Babitsa, Goz and Delyan, and the slightly sloping and flat terrain between the villages of Belkovtsi and Meshitsa. Its western and eastern limits are outlined by the two tributaries of the Konska river. Its north-eastern part is occupied by the Raduyska saddle, separating Viskyar mountain from the neighbouring Ljulin Mountain. The territory includes mainly open grasslands of mesophyte grass formations ? meadows overgrown with mesophyle grass communities of *Festuca pratensis*, *Poa sylvicola*, *Agrostis stolonifera* and pastures overgrown with mesoxerothermal and xerothermal grass communities of *Festuca valesiaca*, *F. stajanovii*, *F. dalmatica*, *Chrysopogon gryllus*, *Agrostis capilaris*, etc. (Bondev, 1991). Its northern, hillier part is occupied by broadleaved coppice forests and shrubbery. The share of the agricultural lands ? arable and abandoned ? is also big.

4.2 Quality and importance

Meshtitsa meadows are of global importance for the conservation of the Corncrake *Crex crex*, which breeds there in numerous population.

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 | | i |
| M | A04.03 | | o |
| L | D01.02 | | i |
| L | A07 | | i |
| M | A03 | | i |
| M | A04.03 | | i |
| M | G01.03 | | o |
| L | A01 | | i |
| M | A01 | | o |
| M | F03.01 | | o |
| M | D01.02 | | o |
| M | A10 | | i |
| M | A03 | | o |
| L | J02.05.02 | | i |
| L | G01.03 | | i |
| L | G02 | | i |
| M | G02 | | o |
| M | J02.05.02 | | o |
| M | A04 | | o |
| L | G01.05 | | o |
| M | F03.01 | | i |
| M | A07 | | o |
| L | G05.01 | | i |
| M | F03.02.03 | | i |
| L | G01.05 | | i |
| L | D01.04 | | i |
| M | D01.04 | | 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

| Positive Impacts | | | |
|------------------|-------------------------------|-----------------------------|------------------------|
| Rank | Activities, management [code] | Pollution (optional) [code] | inside/outside [i o b] |
| M | A03 | | o |

4.5 Documentation

Initial proposal and description of the site made by Dr. Ventseslav 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 . 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.; Iankov, P. 2002.(red.). Svetovno zastrasheni vidove ptici v Bulgaria. Nacionalni planove za dejstvие za opazvaneto im. Chast 1. BDZP-MOSV, Prirodzashtitna poredica, Kn. 4, Sofia: 204-219. Botev, B. and Tz. Peshev, (eds). 1985. Red Data Book of Republic Bulgaria. 2: Animals. Sofia: Bulgarian Academy of Science. (In Bulgarian.); ***. In prep. Development Plan of the Pernik Municipality (2007 ? 2013). Draft for discussions. 121 pp. (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 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=BG0002101&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 | 100.0 | | | | |

designated at international level:

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

5.3 Site designation (optional)

The area does not have legal protection by the national conservation legislation. In 2005 the area 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 Inspectorates of Environment and Water - Pernik, Sofia; Forestry Departments - Breznik, Radomir, Sofia; |
| Address: | |
| Email: | |

6.2 Management Plan(s):

An actual management plan does exist:

| | |
|---|---|
| <input checked="" type="checkbox"/> Yes | Name: Management Plan for SPA BG0002101 Meshtitsa, approved by Order No. RD – 365/28.05.2015 of the Minister of Environment and Water (promulgated SG 45/2015) Link: http://www.moew.government.bg/files/file/Nature/Natura%202000/PU/Utvyrdeni_PU/BG0002101.zip |
| <input type="checkbox"/> No, but in preparation | |
| <input type="checkbox"/> No | |

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).