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	**BG0002014**
SITENAME	**Madzharovo**

TABLE OF CONTENTS

1. SITE IDENTIFICATION

Back to top

1.1 Type	1.2 Site code
A	BG0002014

1.3 Site name

Madzharovo

1.4 First Compilation date	1.5 Update date
2005-10	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 – 787/29.10.2008 (promulgated SG 105/2008).

2. SITE LOCATION

Back to top

2.1 Site-centre location [decimal degrees]:

Longitude
25.895833333333332

Latitude
41.635

2.2 Area [ha]:

3550.1289

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
BG42	Южен централен / Yuzhen tsentralen

2.6 Biogeographical Region(s)

Continental (100.0 %)

3. ECOLOGICAL INFORMATION

Back to top

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			
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	A086	Accipiter nisus			w		1	i		G	C	B	C	C
B	A086	Accipiter nisus			p	1	1	p		G	C	A	C	C
B	A168	Actitis hypoleucos			c	1	2	i		G	C	B	C	C
B	A079	Aegypius monachus			c	1	1	i		G	A	A	B	A
B	A079	Aegypius monachus			w		10	i		G	A	A	B	A
B	A079	Aegypius monachus			p		5	i		G	A	A	B	A
B	A229	Alcedo atthis			p	3	5	p		G	C	A	C	C
B	A052	Anas crecca			w		5	i		G	C	B	C	C
B	A050	Anas penelope			w		36	i		G	C	B	C	B
B	A053	Anas platyrhynchos			w		23	i		G	C	B	C	C
B	A043	Anser anser			w		4	i		G	C	B	C	B
B	A255	Anthus campestris			r	1	9	p		G	C	B	C	C
B	A091	Aquila chrysaetos			p	1	1	p		G	C	A	C	C
B	A404	Aquila heliaca			c	1	1	i		G	B	A	C	B
B	A404	Aquila heliaca			r		1	i		G	B	A	C	B
B	A089	Aquila pomarina			r	1	1	p		G	C	A	C	C
B	A089	Aquila pomarina			c				P	DD	C	A	C	C

B	A215	Bubo bubo			p	3	3	p		G	C	A	C	C
B	A067	Bucephala clangula			w		1	i		G	C	B	C	C
B	A133	Burhinus oedicnemus			r	1	1	p		G	C	A	C	C
B	A087	Buteo buteo			w		3	i		G	C	B	C	C
B	A087	Buteo buteo			p	1	2	p		G	C	A	C	C
B	A403	Buteo rufinus			w		1	i		G	C	B	C	C
B	A403	Buteo rufinus			p	1	1	p		G	C	B	C	C
B	A243	Calandrella brachydactyla			c	5	15	i		G	C	B	C	C
B	A224	Caprimulgus europaeus			r	5	10	p		G	C	A	C	C
B	A224	Caprimulgus europaeus			c				P	DD	C	A	C	C
B	A136	Charadrius dubius			r	5	5	p		G	C	A	C	C
B	A031	Ciconia ciconia			r	2	2	p		G	C	A	C	C
B	A030	Ciconia nigra			r	9	15	p		G	B	A	C	A
B	A080	Circaetus gallicus			c				P	DD	C	A	C	C
B	A080	Circaetus gallicus			r	1	1	p		G	C	A	C	C
B	A081	Circus aeruginosus			c	2	3	i		G	C	B	C	C
B	A082	Circus cyaneus			c				P	DD	C	A	C	C
B	A082	Circus cyaneus			w		1	i		G	C	A	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	A231	Coracias garrulus			r	1	2	p		G	C	B	C	C
B	A231	Coracias garrulus			c				P	DD	C	B	C	C
B	A037	Cygnus columbianus bewickii			w		1	i		G	C	B	C	C
B	A038	Cygnus cygnus			w		1	i		G	C	B	C	C
B	A036	Cygnus olor			w		5	i		G	C	B	C	C
B	A238	Dendrocopos medius			p	20	20	p		G	C	B	C	C
B	A429	Dendrocopos syriacus			p	21	25	p		G	C	A	C	C
B	A236	Dryocopus martius			p	1	1	p		G	C	B	C	C
B	A027	Egretta alba			w		1	i		G	C	B	C	B
B	A379	Emberiza hortulana			r	100	100	p		G	C	A	C	A
B	A511	Falco cherrug			r	1	3	i		G	B	A	B	A
B	A095	Falco naumanni			r		2	p		G	A	A	B	A
B	A103	Falco peregrinus			w				P	DD	C	A	C	C
B	A103	Falco peregrinus			r	1	1	p		G	C	A	C	C
B	A103	Falco peregrinus			c				P	DD	C	A	C	C
B	A099	Falco subbuteo			c				P	DD	C	B	C	C
B	A099	Falco subbuteo			r	1	1	p		G	C	A	C	C
B	A096	Falco tinnunculus			p	5	5	p		G	C	A	C	C
B	A097	Falco vespertinus			c				P	DD	C	B	C	C

B	A125	Fulica atra			w				P	DD	C	B	C	C
B	A153	Gallinago gallinago			c				P	DD	C	B	C	C
B	A078	Gyps fulvus			p	22	22	p		G	A	A	B	A
B	A075	Haliaeetus albicilla			w		1	i		G	C	B	C	C
B	A075	Haliaeetus albicilla			c		1	i		G	C	B	C	C
B	A075	Haliaeetus albicilla			r		1	i		G	C	B	C	C
B	A093	Hieraaetus fasciatus			c	1	1	i		G	A	A	B	C
B	A093	Hieraaetus fasciatus			r		2	i		G	A	A	B	C
B	A092	Hieraaetus pennatus			r	1	1	p		G	C	A	C	C
B	A092	Hieraaetus pennatus			c				P	DD	C	A	C	C
B	A439	Hippolais olivetorum			r	15	15	p		G	C	A	C	A
B	A338	Lanius collurio			r	770	770	p		G	C	A	C	B
B	A339	Lanius minor			r	2	2	p		G	C	A	C	C
B	A459	Larus cachinnans			w				P	DD	C	B	C	C
B	A459	Larus cachinnans			c				P	DD	C	B	C	C
B	A179	Larus ridibundus			c				P	DD	C	B	C	C
B	A246	Lullula arborea			p	130	130	p		G	C	A	C	C
B	A246	Lullula arborea			c				P	DD	C	A	C	C
B	A242	Melanocorypha calandra			p	1	9	p		G	C	B	C	C
B	A230	Merops apiaster			c				P	DD	C	B	C	C
B	A230	Merops apiaster			r	8	8	p		G	C	A	C	C
B	A073	Milvus migrans			r	1	3	p		G	C	A	C	A
B	A074	Milvus milvus			c	1	1	i		G	C	A	C	A
B	A077	Neophron percnopterus			r	5	8	p		G	B	A	C	B
B	A094	Pandion haliaetus			c				P	DD	C	B	C	C
B	A072	Pernis apivorus			r	2	2	p		G	C	B	C	C
B	A017	Phalacrocorax carbo			w		63	i		G	C	B	B	C
B	A393	Phalacrocorax pygmeus			w	4	6	i		G	C	B	C	C
B	A234	Picus canus			p	1	9	p		G	C	A	C	C
B	A005	Podiceps cristatus			w		3	i		G	C	B	C	C
B	A307	Sylvia nisoria			r	30	75	p		G	C	B	C	B
B	A004	Tachybaptus ruficollis			w		3	i		G	C	B	C	C
B	A165	Tringa ochropus			w	5	7	i		G	B	A	C	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
B	A247	Alauda arvensis			78	78							X	
B	A218	Athene noctua			15	15							X	
B	A366	Carduelis cannabina			10	10							X	
B	A363	Carduelis chloris			225	225							X	
B	A347	Corvus monedula			30	30								X
B	A113	Coturnix coturnix			50	50							X	
B	A377	Emberiza cirlus			450	450							X	
B	A382	Emberiza melanocephala			450	450							X	
B	A269	Erithacus rubecula			350	350							X	
B	A359	Fringilla coelebs			1025	1025							X	
B	A244	Galerida cristata			27	27							X	
B	A251	Hirundo rustica			30	30							X	
B	A233	Jynx torquilla			8	8							X	
B	A271	Luscinia megarhynchos			400	400							X	
B	A383	Miliaria calandra			350	350							X	
B	A280	Monticola saxatilis			8	8							X	
B	A281	Monticola solitarius			4	4							X	
B	A278	Oenanthe hispanica			10	10							X	
B	A214	Otus scops			35	35							X	
B	A329	Parus caeruleus			75	75							X	
B	A443	Parus lugubris			60	60							X	
B	A235	Picus viridis			35	35							X	
B	A276	Saxicola torquata			10	10							X	
B	A445	Sitta neumayer			7	7					X			
B	A210	Streptopelia turtur			125	125							X	
B	A311	Sylvia atricapilla			30	30							X	
B	A304	Sylvia cantillans			100	100							X	
B	A305	Sylvia melanocephala			30	30							X	
B	A283	Turdus merula			100	100							X	
B	A285	Turdus philomelos			100	100							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

Back to top

4.1 General site character

Habitat class	% Cover
N16	48.0
N08	7.0
N22	1.0
N09	12.0
N23	1.0
N06	6.0
N15	13.0
N12	4.0
N19	8.0
N10	
Total Habitat Cover	NaN

Other Site Characteristics

A part of the deep, narrow valley of the Arda river, surrounded by mountain slopes and rock massifs up to 150 m high. The area is located in the Eastern Rhodopes, between the village of Borislavtsi and the town of Madzharovo. A big part of its territory is occupied by rock complexes, single cliffs and stony screes. The diverse relief and soil cover determine the development of a mosaic of tree, shrub and grass vegetation. At places the screes are covered by mixed broadleaved forests of Quercus cerris, Quercus frainetto and Quercus pubescens, with Mediterranean elements, like Juniperus oxycedrus, Colutea arborescens, etc. There are isolated areas, covered by shrubs of Paliurus spina-christi mixed with Jasminum fruticans and combined with xerothermal grass formations of Mediterranean elements (Bondev 1991). The agricultural lands are located mainly in the high parts of the valley and valley extension itself. The riverbed is sandy-stony and its banks are overgrown with willows Salix spp. and shrubs.

4.2 Quality and importance

The territory of Madzharovo supports 174 bird species, 40 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), 6 of them being listed in category SPEC 1 as globally threatened, 20 in SPEC 2 and 52 in SPEC 3 as species threatened in Europe. The area is of global importance, as it is a representative biome for the Mediterranean zone. Six biome-restricted species, typical for the Mediterranean zone, out of 9 established in Bulgaria occur there: Black-eared Wheatear Oenanthe hispanica, Olive-tree Warbler Hippolais olivetorum, Sub-alpine Warbler Sylvia cantillans, Sardinian Warbler Sylvia melanocephala, Rock Nuthatch Sitta neumayer and Black-headed Bunting Emberiza melanocephala. Five globally threatened species occur in the area as summer visitors, migrants or during the winter, and Lesser Kestrel Falco naumanni still breeds there. One of the two colonies of Griffon Vultures Gyps fulvus in Bulgaria breeds in the area on the cliff banks of Arda River. Madzharovo is one of the most important areas in the country on a European Union scale for the breeding of Black Stork Ciconia nigra, Griffon Vulture and Black Kite Milvus migrans. The area holds one of the most significant on a European scale populations in the country of the Rock Thrush Monticola saxatilis, Ortolan Bunting Emberiza hortulana, Olive-tree Warbler and the Black Stork Ciconia nigra. Madzharovo is proposed to be included in the National Ecological Network for conservation of the habitats of a complex of 65 breeding species and 37 summering, migrating and wintering species. The area is rich of rare and threatened plant and animal species listed in the Bulgarian Red Data Book and protected by the national law.

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	B02.01		i
L	G01.05		i
L	F03.02.01		o
L	E03.01		o
L	F03.02.02		o
L	J01		o

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i|o|b]
L	A08		i
M	A04		o
L	A08		o
M	A04		i
L	D01.01		i
M	A09		o

L	A08		i
L	E03.01		i
L	E03.03		i
L	G05		o
L	A08		o
M	B02.02		i
L	D01.02		i
M	B02.02		o
L	G05		i
L	G01.05		o
L	E03.03		o
L	D01.01		i
L	E03		o
M	D02.01		i
M	F03.02.03		o
M	B01.02		i
M	D02.01		o
L	A03		o
M	A03		i
M	B01		o
L	C01.01		i
M	A04.03		i
M	B02.01		o
M	A09		i
L	F03.02.01		i
L	G01.04		o
L	C01.01		o
L	B02.04		i
H	L09		o
M	A09		o
M	B01.02		o
M	B02.04		o
M	A10		i
M	A10		o
M	A04.03		o
M	B03		o
L	F03.02.02		i
M	F03.02.03		i
L	A01		i
L	E03		i
M	A07		o
M	A07		i
H	L09		i
L	J02.01.01		i
M	B01		i
M	B		i
L	G01.04		i
L	J01		i
L	A01		o
M	B		o
L	J02.01.01		o
L	D01.02		i
M	B03		o
M	A09		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

4.5 Documentation

Initial proposal and description of the site made by Dr. Petar Iankov, Hristo Hristov, Boris Barov, Marin Kurtev - 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: Barov, B. 1995. Status na beloshipata vetrushka Falco naumanni v Iztochnite Rodopi. Otchet po proekt Opazvane na biologichnoto raznoobrazie na Iztochnite Rodopi ? ? faza. BSHPOBR, Sofiya.; Barov, B. 1996. Sastoyanie na populatsiyata na beloshipata vetrushka Falco naumanni v Iztochnite Rodopi, 1995-1996. Doklad po proekt Opazvane na biologichnoto raznoobrazie na Iztochnite Rodopi. BSHPOBR, Sofiya.; 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.); Hristov, Hr. 1997.Sastoyanie, monitoring I podpomagane na leshoyadnite ptitsi v Iztochnite Rodopi. ? Dokladi po proekt Iztochni Rodopi, BSHPOB ? BDZP, T. 3, Sofiya.; Hristov, Hr., E. Stoynov, St. Stoev. 1996. Novo nahodishte na cheren leshoyad v Iztochnite Rodopi. ? Neofron. Inf. Byul. Na BDZP, 1, 19.; Iankov, P. N. 1991. Ptitsite na Iztochnite Rodopi. ?. Srokove na prebivavane I dinamika na ornitofaunata. - Ekologiya, 24, 26-43.; Iankov, P. 2002.(red.). Svetovno zastrasheni vidove ptitsi v Balgariya. Natsionalni planove za deystvie za opazvaneto im. Chast 1. BDZP-MOSV, Prirodozashtitna poreditsa, Kn. 4, Sofiya: 204-219.; Iankov, P., L. Profirov. 1991. Savremenno sastoyanie na populatsiyata na beloglaviya leshoyad (Gyps fulvus Hablizl) v Balgariya. ? Ekologiya, 24, 44-52.; Kostadinova, I. (sast.) 1997. Ornitologichno vazhni mesta v Balgariya. BDZP, Prirodozashtitna poreditsa. Kniga 1, BDZP, Sofiya, 176 s.; Michev, T., Tz. Petrov, L. Profirov, P. Iankov, S. Gavrailov. 1989. Razprostranenie I prirodozashtiten status na skalniya orel Aquila chrysaetos chrysaetos (L.), 1758 v Balgariya. ? Izv. Muz. Yu. Balgariya, 15, 79-87.; Michev, T., Tz. Petrov. 2000. Ptitsite na Rodopite. ? Balgarski sayuz za zashtita na Rodopite, Sofiya, 122 s.; MOSV. 2005. Arhiv na zastitenite teritorii v Balgaria. Baza danni (nepubl.); Petrov, Tz. 1997a. Tsarskiyat orel (Aquila heliaca) v Iztochnite Rodopi. - Dokladi po proekt Iztochni Rodopi, BDZP-BSHPOB, T. 3, Sofiya.; Petrov, Tz. 1997b. Beliyat shtarkel (Ciconia ciconia) v Balgariya. Prirodozashtitna poreditsa, Kniga 2, BDZP, Plovdiv.; 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. 1986. Materiali varhu razprostranenieto I gnezdovata biologiya na chervenogushoto koprivarche (Sylvia cantillans (Pallas) v Balgariya. ? Ekologiya. 19, 57-61.; Simeonov, S., T. Michev. 1985. Savremenno razprostranenie I chislenost na buhala (Bubo bubo(L.) v Balgariya. ? Ekologiya, 15, 60-65.; Barov, B., G. Gerassimov, Ch. Christov. 1996. Current status of the populations of globally threatened raptors in the Eastern Rhodope Mountains, Bulgaria. - Poster presentation, Second International Conference of the Raptor Research Foundation, Urbino, Italy, 8 p.; 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); 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.; Iankov, P., Kh. Khristov and S. Avramov. 1994. Changes in Status of the Black Vulture Aegypius monachus in Bulgaria for the period 1980-1990. In: Meyburg, B.-U. & R. D. Chancellor, eds. Raptor Conservation Today, WWGBP/ The Pica Press, 139-142.; 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.; 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. Preliminarily implementation and analysis of the gaps. ? In: Petrova, A. (ed.), Current state of Bulgarian biodiversity ? problems and perspectives. Pp. 533-548. Bulgarian Bioplatform, Sofia; Kouzmanov, G., 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.; 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. ; Marin, S., A. Rogev, I. Christov, M. Sarov. 1998. New observations and nesting of the Black Vulture (Aegypius monachus. L., 1766) in Bulgaria. ? In: Tewes, E., J. Sanchez, B. Heredia & M. Bijleveld van Lexmond (Eds), The Black Vulture in South Eastern Europe, BVCF/FZS, Palma de Mallorca, 47-50.; Michev, T., Tz. Petrov, L. Profirov. 1989. Status, breeding, distribution, numbers and conservation of the White Stork in Bulgaria; Simeonov, S. 1970. Uber die Verbreitung mediterraner Vogelarten in Bulgarien. ? Die Vogelwelt., 91, 2, 59-67; 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; Stoychev,S.,E.Stoynov,B.barov.1997. Mapping of nesting ornithofauna. In: Conservation of the Biological Diversity of the Eastern Rhodopes. Sofia, Bulgarian-Swiss Biodiversity conservation Program.V. 3: 21-38 (In Bulgarian); Stoychev, S., H. Hristov. 2002. Review of the Birds in the Eastern Rhodopes. ? Project report, In: Assessment of existing information on biodiversity in the Eastern Rhodopes, Bulgarian Society for the Protection of Birds, United Nations Development Program, 35 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=BG0002014&siteType=BirdsDirective

5. SITE PROTECTION STATUS (optional)

Back to top

5.1 Designation types at national and regional level:

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
BG00	93.0	BG06	7.0		

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
BG06	PATRONKA	+	5.0

BG06	GYRGENA	+	2.0

designated at international level:

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

5.3 Site designation (optional)

So far, about 7% of the territory of Madzharovo is under legal protection as protected areas. The ?Patronka? Protected Area was designated to protect the breeding colony of Griffon Vultures. In 1997 the area was designated as Important Bird Area by BirdLife International.

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

Organisation:	Regional Inspectorate of Environment and Water -Haskovo;Forestry Departments - Krumovgrad; Harmanli
Address:	
Email:	

6.2 Management Plan(s):

An actual management plan does exist:

- [ ] Yes
- [ ] No, but in preparation
- [X] No

7. MAP OF THE SITES

INSPIRE ID:

Map delivered as PDF in electronic format (optional)

- [ ] Yes
- [X] No

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