



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 BG0002064
SITENAME Garvansko blato

TABLE OF CONTENTS

- [1. SITE IDENTIFICATION](#)
- [2. SITE LOCATION](#)
- [3. ECOLOGICAL INFORMATION](#)
- [4. SITE DESCRIPTION](#)
- [5. SITE PROTECTION STATUS](#)
- [6. SITE MANAGEMENT](#)
- [7. MAP OF THE SITE](#)

1. SITE IDENTIFICATION

1.1 Type A	1.2 Site code BG0002064	Back to top
----------------------	-----------------------------------	-----------------------------

1.3 Site name

Garvansko blato

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 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).
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 - 567/05.09.2008 (promulgated SG 84/2008).

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

[Back to top](#)

Longitude 26.91138888888887 **Latitude** 44.10916666666667

2.2 Area [ha]: 324.2666 **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
------	--

2.6 Biogeographical Region(s)

Continental (100.0
%)

3. ECOLOGICAL INFORMATION

3.1 Habitat types present on the site and assessment for them

[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			
G	Code	Scientific Name	S	NP	T	Size		Unit	Cat.	D. qual.	A B C D			
						Min	Max				Pop.	Con.	Iso.	Glo.
B	A053	Anas platyrhynchos			w		30	i		G	C	B	C	C
B	A053	Anas platyrhynchos			p		15	p		G	C	B	C	C
B	A053	Anas platyrhynchos			c	10	10	i		G	C	B	C	C
B	A055	Anas querquedula			r		2	p		G	C	B	C	C
B	A055	Anas querquedula			c	20	20	i		G	C	B	C	C
B	A051	Anas strepera			r		1	p		G	C	B	C	C
B	A051	Anas strepera			c				P	DD	C	B	C	C
B	A043	Anser anser			r		2	p		G	B	A	B	B
B	A028	Ardea cinerea			w		1	i		G	C	B	C	C
B	A024	Ardeola ralloides			c	10	10	i		G	C	B	C	C
B	A059	Aythya ferina			r		1	p		G	B	A	B	C
B	A060	Aythya nyroca			r		6	p		G	B	A	C	A
B	A087	Buteo buteo			c				P	DD	D			
B	A087	Buteo buteo			w		5	i		G	D			
B	A196	Chlidonias hybridus			c	10	10	i		G	C	B	C	C
B	A196	Chlidonias hybridus			r		25	p		G	C	B	C	A
B	A031	Ciconia ciconia			c	6	6	i		G	C	B	C	C
B	A081	Circus aeruginosus			p	1	1	p		G	C	B	C	C
B	A231	Coracias garrulus			r	4	4	p		G	C	B	C	C
B	A036	Cygnus olor			r		1	p		G	C	A	B	C
B	A036	Cygnus olor			w				P	DD	C	A	B	C
B	A036	Cygnus olor			c				P	DD	C	A	B	C
B	A429	Dendrocopos syriacus			p	2	2	p		G	C	B	C	C
B	A027	Egretta alba			w		1	i		G	C	B	C	C
B	A125	Fulica atra			c				P	DD	C	B	C	C
B	A125	Fulica atra			p	5	10	p		G	C	B	C	C

B	A123	Gallinula chloropus			p	2	5	p		G	C	B	C	C
B	A123	Gallinula chloropus			c				P	DD	C	B	C	C
B	A131	Himantopus himantopus			r	2	2	p		G	C	A	C	C
B	A022	Ixobrychus minutus			r	3	5	p		G	C	A	C	C
B	A338	Lanius collurio			r	7	7	p		G	C	B	C	C
B	A338	Lanius collurio			c	500	500	i		G	C	B	C	C
B	A339	Lanius minor			c	10	10	i		G	C	B	C	C
B	A339	Lanius minor			r	2	2	p		G	C	B	C	C
B	A459	Larus cachinnans			c				P	DD	C	B	C	C
B	A023	Nycticorax nycticorax			c	6	6	i		G	C	B	C	C
B	A234	Picus canus			p	1	1	p		G	C	B	C	C
B	A005	Podiceps cristatus			r		2	p		G	C	A	C	C
B	A006	Podiceps grisegena			r		1	p		G	A	A	B	A
B	A008	Podiceps nigricollis			r	2	3	p		G	B	A	B	C
B	A004	Tachybaptus ruficollis			r		1	p		G	C	A	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	A115	Phasianus colchicus			10	10	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

[Back to top](#)

Habitat class	% Cover
N15	2.0
N12	12.0
N23	
N21	2.0

N07	26.0
N20	
N06	52.0
N09	6.0
Total Habitat Cover	NaN

Other Site Characteristics

Garvansko Marsh is located in north-eastern Bulgaria, about 30 km to the west of Silistra, on the Danube bank, in the grounds of the villages of Garvan and Popina. It occupies an area flooded by the Danube in a relief declination between the villages mentioned above. In the past it used to be connected with the river. Nowadays there is a dyke in its northern part, which disturbs its natural water balance. Currently the marsh has an open water mirror with area 48.43 ha with water depth that not exceeds 0.7-0.8 m. Its banks are covered with hygrophyte vegetation reed *Phragmites australis*, reed mace *Typha latifolia*, *Roppia palustris*, *Oenanthe aquatica*, *Scirpus sp.*, *Potamogeton sp.*, *Rannunculus aquatilis*, *Hydrocharis morsus-ranae*, etc.

4.2 Quality and importance

In spite of its small area the Garvansko marsh supports 26 bird species, 8 of which are listed in the Red Data Book for Bulgaria (1985). Of the birds occurring there 5 species are of European conservation concern (SPEC) (BirdLife International, 2004), 1 of them being listed in category SPEC 1 as globally threatened, 1 in SPEC 2 and 3 in SPEC 3 as species threatened in Europe. The area provides suitable habitats for 6 species, included in Annex 2 of the Biodiversity Act, which need special conservation measures, of which 3 are listed also in Annex I of the Birds Directive. The marsh is one of the most important sites in the country on European Union scale of the Ferruginous Duck *Aythya nyroca* that breeds there. Other waterbird species also breeds there in good numbers as the Red-necked Grebe *Podiceps grisegena*, the Little Bittern *Ixobrychus minutus* and the Black-winged Stilt *Himantopus himantopus*.

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]
L	A08		o
M	F03.01		o
L	J02.01		o
M	F03.01		i
L	J02.01.01		i
L	E03		i
L	E03		o
M	J02.01.01		o
M	A07		o
M	F02.03		o
M	K03.01		o
L	K02.02		i
L	K01.03		i
M	F02.03		i
L	K02.03		i
M	K03.01		i
L	J02.01		i

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside /outside [i o b]
M	F03.01		o
M	F02.03		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. Nikolai Petkov - 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;Botev, B. and Tz. Peshev, (eds). 1985. Red Data Book of Republic Bulgaria. 2: Animals. Sofia: Bulgarian Academy of Science. (In Bulgarian.);Dimitrov, I. 1986. Research of the ornithofauna of the marsh near Malak Preslavets Village, Silistra District. In: International Symposium The role of wetlands in preserving the genetic material. Srebarna, 8-12 October 1984. Collected works.

BAS, Sofia. (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 Balgaria. Baza danni (nepubl.);Petkov, N. 1997b. Suvremenno sustoianie na belookata potapnica (Aythya nyroca) v Bulgaria. Diplomna rabota, Biologicheski Fakultet pri SU Sv. Kl. Ohridski, Sofia, 104 s.;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., 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. Preliminarily implementation and analysis of the gaps. In: Petrova, A. (ed.), Current state of Bulgarian biodiversity problems and perspectives. Pp. 533-548. Bulgarian Bioplatform, SofiaMOEW. 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;Petkov, N. 1998a. Current Status of the Ferruginous Duck (Aythya nyroca) in Bulgaria. Partimadar, 6-7, MME, Budapest, 4449.Petkov, N., 2004. Comparative Ecological Research of the Ferruginous Duck (Aythya nyroca Guldenstaedt, 1779) and the Pochard (Aythya ferina ferina Linnaeus, 1758) During the Breeding Season in Bulgaria. PHD Thesis. BAS, Sofia, 232 pp. (In Bulgarian.)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=BG0002064&siteType=BirdsDirective>

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

[Back to top](#)

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
BG06	86.2	BG00	13.8		

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
BG06	GARVANSKI MARSHES	+	86.2

designated at international level:

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

5.3 Site designation (optional)

Almost all territory of the Garvansko Marsh was designated as protected area in 1985 to protect the rare and threatened plant and waterbird species. It was designated as CORINE Site in 1998 because of its European value for rare and threatened plant and animal species, including birds. In 2005 it was designated also as Important Bird Area by BirdLife International.

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

[Back to top](#)

Organisation:	Regional Inspectorate of Environment and Water - Ruse; Danubean River Basin Directorate;
Address:	
Email:	

6.2 Management Plan(s):

An actual management plan does exist:

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

No

6.3 Conservation measures (optional)

7. MAP OF THE SITES

[Back to top](#)

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).