



# 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 BG0000601  
SITENAME Kalenska peshtera

## 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

<b>1.1 Type</b> B	<b>1.2 Site code</b> BG0000601	<a href="#">Back to top</a>
----------------------	-----------------------------------	-----------------------------

### 1.3 Site name

Kalenska peshtera
-------------------

<b>1.4 First Compilation date</b> 2006-10	<b>1.5 Update date</b> 2021-11
--	-----------------------------------

### 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>	0000-00
<b>National legal reference of SPA designation</b>	No data
<b>Date site proposed as SCI:</b>	2007-03
<b>Date site confirmed as SCI:</b>	2008-12
<b>Date site designated as SAC:</b>	No data
<b>National legal reference of SAC designation:</b>	No data
<b>Explanation(s):</b>	Adopted by Council of Ministers Decision No. 122/02.03.2007 (promulgated SG 21/2007). Extended by Council of Ministers Decision No. 588/06.08.2021 (promulgated SG 67/2021).

## 2. SITE LOCATION

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

[Back to top](#)

Longitude

Latitude

23.7761

43.2425

**2.2 Area [ha]:****2.3 Marine area [%]**

378.4997

0.0

**2.4 Sitelength [km]:**

0.0

**2.5 Administrative region code and name**

NUTS level 2 code

Region Name

BG31

Северозападен / Severozapaden

**2.6 Biogeographical Region(s)**Continental (100.0  
%)**3. ECOLOGICAL INFORMATION**[Back to top](#)**3.1 Habitat types present on the site and assessment for them**

Annex I Habitat types						Site assessment			
Code	PF	NP	Cover [ha]	Cave [number]	Data quality	A B C D	A B C		
						Representativity	Relative Surface	Conservation	Global
6210B			5.36		M	A	C	A	B
6240B			0.47		M	A	C	A	B
8120B			0.04		M	A	C	A	B
8210B			0.34		M	A	C	A	B
8310B				1	G	A	C	B	A
9150B			8.89		M	A	C	B	B
91G0B			87.56		M	A	C	C	C
91M0B			11.97		G	A	C	C	C
91Z0B			3.97		G	A	C	B	B

- **PF:** for the habitat types that can have a non-priority as well as a priority form (6210, 7130, 9430) enter "X" in the column PF to indicate the priority form.
- **NP:** in case that a habitat type no longer exists in the site enter: x (optional)
- **Cover:** decimal values can be entered
- **Caves:** for habitat types 8310, 8330 (caves) enter the number of caves if estimated surface is not available.
- **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)

**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	A B C		
						Min	Max				Pop.	Con.	Iso.	Glo.
M	1352	<a href="#">Canis lupus</a>			p				P	DD	D			
I	1088	<a href="#">Cerambyx cerdo</a>			p				P	DD	C	B	C	C
R	5194	<a href="#">Elaphe sauromates</a>			p			localities	P	DD	C	A	C	B

I	1083	<a href="#">Lucanus cervus</a>			p	8302	16333	i	R	M	C	B	C	C
M	1310	<a href="#">Miniopterus schreibersii</a>			p	501	1000	i	C	G	C	A	C	A
I	1089	<a href="#">Morimus funereus</a>			p	109806	127544	i	R	M	C	B	C	C
M	1307	<a href="#">Myotis blythii</a>			c	251	500	i	C	G	C	B	C	C
M	1316	<a href="#">Myotis capaccinii</a>			p	51	100	i	R	G	C	B	C	C
M	1321	<a href="#">Myotis emarginatus</a>			p				P	DD	D			
M	1324	<a href="#">Myotis myotis</a>			p	251	500	i	C	G	C	B	C	C
M	1306	<a href="#">Rhinolophus blasii</a>			p				P	DD	D			
M	1305	<a href="#">Rhinolophus euryale</a>			c	101	250	i	R	G	C	B	C	C
M	1304	<a href="#">Rhinolophus ferrumequinum</a>			p	11	50	i	C	G	C	B	C	C
M	1303	<a href="#">Rhinolophus hipposideros</a>			c	6	10	i	P	M	D			
M	1302	<a href="#">Rhinolophus mehelyi</a>			p				P	DD	D			
I	1087	<a href="#">Rosalia alpina</a>			p				P	DD	D			
M	2635	<a href="#">Vormela peregusna</a>			p				P	DD	D			

- **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)

## 4. SITE DESCRIPTION

### 4.1 General site character

[Back to top](#)

Habitat class	% Cover
N25	9.0
N15	37.0
N22	1.0
N23	2.0
N21	4.0
N26	47.0
<b>Total Habitat Cover</b>	<b>100</b>

### Other Site Characteristics

Single cave with limited buffer area around the entrance.

### 4.2 Quality and importance

One of the most significant caves for bat conservation in Bulgaria.

### 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			
	Threats and	Pollution	inside/outside

Positive Impacts			
	Activities,	Pollution	inside

Rank	pressures [code]	(optional) [code]	[i o b]
M	G01.04.02		i
L	G01.04.03		i

Rank	management [code]	(optional) [code]	/outside [i o b]
------	----------------------	----------------------	---------------------

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 Teodora Ivanova, tea@lomea.org. Initially listed documents: BENDA P., T. IVANOVA, I. HORÁČEK, V. HANÁK, J. CHERVENÝ, J. GAISLER, A. GUEORGUEVA, B. PETROV, V. VOHRALÍK, 2003. Bats (Mammalia: Chiroptera) of the Eastern Mediterranean, Part 3: Review of bat distribution in Bulgaria. *Acta Soc. Zool. Bohem.*, 67: 245-357. BERON P. 1958: Po oprustenjavaneto na prilepi v Bulgarija [About bat-banding in Bulgaria]. *Priroda (Sofija)* 7(5):70-76 (in Bulgarian). BERON P. 1962: Vertebrata. Pp.: 344-356. In: GUÉORGUEV V. & BERON P.: *Essai sur la faune cavernicole de Bulgarie*. *Ann. Spéléol.* 17(2): 285-356. BERON P. 1963: La baguage des Chauves-souris en Bulgarie de 1940 à 1961. *Acta Theriol.* 7: 33-49. BERON P. 1964b: Golemite prilepni pesteri v Bulgarija [Les grandes grottes à chauves-souris en Bulgarie]. *Bulgarski Pesteri (Grottes Bulgares) (Sofija)* 1(1-2): 37-43 (in Bulgarian, French summ.). BERON P. 1972: *Essai sur la faune cavernicole de Bulgarie. III. Résultats des recherches biospéléologiques de 1966 à 1970*. *Int. J. Speleol.* 4: 285-349. BERON P. 1994: *Résultats des recherches biospéléologiques en Bulgarie de 1971 à 1994 et liste des animaux cavernicoles bulgares*. *Série Tranteeva (Sofija)* 1: 1-139. BERON P. 1999: Biodiversity of the high mountain terrestrial fauna in Bulgaria. *Historia Natur. Bulg.* 10: 13-33. BERON P. & GUÉORGUEV V. 1967: *Essai sur la faune cavernicole de Bulgarie. II. Résultats des recherches biospéologiques de 1961 à 1965*. *Izv. Zool. Inst. Muz. (Sofija)* 24: 151-212. BERON P., BESHKOV V., POPOV V., VASSILEV M., PANDURSKA R. & IVANOVA T. BESHKOV V. A. 1998: The Bats of Bulgaria. Pp.: 453-466. In: MEINE C. (ed.): *Bulgaria's Biological Diversity: Conservation Status and Needs Assessment*. Vol. I and II. Washington: Biodiversity Support Program, 839 pp. BESKOV V. 1993: Prilepi [Bats]. Pp.: 631-644. In: SAKALJAN M. & MAJNI K. (eds.): *Programa za Poddurzane na Biologichnoto Raznoobrazie. Nacionalna strategija za opazvane na biologichnoto raznoobrazie. Osnovni Dokladi. Tom 1 [Programme of Biodiversity Conservation. National Strategy of Protection of Biodiversity. Basic Studies. Volume 1]*. Sofija & Washington: NBDCS & BSP, 664 pp (in Bulgarian). BESKOV V., DONCHEV S., KARAPETKOVA M., NIKOLOV N., MESINEV T. & POPOV V. BUIS Ja. & IVANOVA T. 2002: Sresta na izsledovatelnite na bozajnici v Iztocni Rodopi [Meeting for research of mammals in Eastern Rhodopes]. *Historia Natur. Bulg.* 15: 142 (in Bulgarian). BURES I. 1917: Po faunata na prilepите (Chiroptera) vu Bulgarija [Über die Chiropterenfauna Bulgariens]. *Spis. Bulg. Akad. Nauk.* 15: 137-174 (in Bulgarian, Germ. Summ.). BURES I. 1924: Pesterna fauna v' Bulgarija [Cave fauna of Bulgaria]. *Trud. Bulg. Prirodoizpit. Druz.* 11: 143-163 (in Bulgarian). BURES I. 1925: Prilepите v Bulgarija [Bats of Bulgaria]. *Priroda (Sofija)* 25(9): 130-132 (in Bulgarian). BURES I. 1926: *Izsledvanija vurhu pesternata fauna na Bulgarija. II [Untersuchungen über die Höhlenfauna Bulgariens. II]*. *Trud. Bulg. Prirodoizpit. Druz.* 12: 17-56 (in Bulgarian, German title). GENOV T., STOYKOVA-HAJNIKOLOVA R. & MÉSZÁROS F. 1992: *Molinostrongylus spp. (Nematoda: Molineidae) from bats in Bulgaria, with a review of European species*. *Parasitol. Hungar.* 25: 53-68. [HORÁČEK I., CHERVENÝ J., TAUSL A. & VÍTEK D.] 1971: *Prinos kum izsledvaneto na drebnite bozajnici ot Rodopite [Contribution to investigation of small mammals of Rhodopes Mts.]*. *Rodopski Pesternjak* 7(54): 40-44 (in Bulgarian). HORÁČEK I., CHERVENÝ J., TAUSL A. & VÍTEK D. 1974: Notes on the mammal fauna of Bulgaria (Insectivora, Chiroptera, Rodentia). *Vst. CHs. Spolech. Zool.* 38: 19-31. HORÁČEK I., HANÁK V. & BENDA P. 1998: Bats of the Eastern Mediterranean: a biogeographic summary. *Ztschr. Säugetierk.* 63, Sonderhf.: 26. IVANOVA T. 1995: Bat research and bat protection in Bulgaria. *Myotis* 32-33: 145-153. IVANOVA T. 1997: Bats (Chiroptera, Mammalia) - study and conservation in the Eastern Rhodopes. Pp.: 170-180. In: *Biodiversity Conservation of the Eastern Rhodopes*. Sofija: Bulgarian Society for the Protection of Birds / BirdLife Bulgaria. IVANOVA T. I. 2003: Prilepите (Chiroptera, Mammalia) v iztochni Rodopi. Vidov sustav, biologichni i ekologichni karakteristiki, analiz na suobstestvoto, opazvane [Bats (Chiroptera, Mammalia) of the Eastern Rhodopes. Species composition, biological and ecological characters, community analysis, protection]. Unpubl. Dissertation. Sofija: Nacionalen Prirodonauchen Muzej, 216 pp (in Bulgarian). IVANOVA T. & GUEORGUEVA A. in press: Bats (Chiroptera, Mammalia) of the Eastern Rhodopes (Bulgaria and Greece): I. Species diversity, zoogeography and faunal patterns. In: BERON P. & POPOV A. (eds.): *The Biodiversity of the Eastern Rhodopes*. Biodiversity of Bulgaria. Volume 2. Sofija: Nacionalen Prirodonauchen Muzej. IVANOVA T. & PETROV B. P. 2001: *Nov etap ot prouchvanijata vurhu prilepите (Chiroptera) v Bulgarija [New stage in the bat studies in Bulgaria]*. *Historia Natur. Bulg.* 13: 88 (in Bulgarian, English title). KOVACHEV V. T. 1894: *Materijali za izuchvanie bulgarskata fauna [Materials on investigation of Bulgarian fauna]*. *Period. Spis. Bulg. Kniz. Druz. Sredec* 9(47): 742-749 (in Bulgarian). KOVACHEV V. T. 1906: *Vurhu bozajnata fauna na Bulgarija [Notes on the mammal fauna of Bulgaria]*. Pp.: 3-16. In: *Godisnik' na Rusenskata durzavna muzka gimnazija "Knjaz' Boris' " za uchebnata 1905-1906 god [Yearbook of the Ruse State Men's Grammar School "Prince Boris" for the Teaching Year 1905-1906]*. Ruse: Br. Zlatevi (in Bulgarian). KVARTIRNIKOV M. 1957: Prilepите v Bulgarija. Dva novi vida za nasata fauna [Bats of Bulgaria. Two new species for our fauna]. *Priroda (Sofija)* 6: 63-64 (in Bulgarian). PANDURSKA R. S. 1993: Distribution and species diversity of cave-dwelling bats in Bulgaria and some remarks on the microclimatic conditions of the hibernation. *Lucr. Inst. Speleol. "Emil Racovita"* 32: 155-163. PANDURSKA R. S. 1994: *Razprostranenie i biologija (hranene, razmnozavane, zimuvane) na pesternite prilepi (Chiroptera) v Bulgarija [Distribution and biology (alimentation, reproduction, hibernation) of cave-dwelling bats (Chiroptera) in Bulgaria]*. Unpubl. PhD Thesis. Sofija: Institut po zoologija, Bulgarska Akademija na naukite, 174 pp (in Bulgarian). PANDURSKA R. 1996: *Altitudinal distribution of bats in Bulgaria*. *Myotis* 34: 45-50. PANDURSKA R. 1998: *Reproductive behaviour and conservation status of nursery colonies of Myotis myotis (Borkhausen, 1797) in Bulgaria*. *Myotis* 36: 143-150. PANDURSKA R. S. 1999: Prilepите (razred Chiroptera) v Devetaskata pestera, Severna Bulgarija. PANDURSKA R. 2003: *Conservation measures for protection of important numerous bat colonies in Bulgaria*. *Nyctalus (N. F.)* 8(6): 630-632. PANDURSKA R. & IVANOVA T. 2003: *Distribution and present status of Barbastella barbastellus (Schreber, 1774) in Bulgaria*. *Nyctalus (N. F.)* 8(6): 626-629. PANDURSKA-WHITCHER R. & PANDOURSKI I. 2002: Bats in Bulgaria, with an emphasis on Geoffroy's bat (*Myotis emarginatus*). *Bat Res. News* 43(1): 1-4. POPOV V. & SEDEFČEV A. 2003: *Bozajnicite v Bulgarija. Opredelitel [Mammals of Bulgaria. Identification Key]*. Sofija: Biblioteka Vitosa, 292 pp. RADEV N. 1928: *Materiali za izuchvane na pesterite v Bulgarija - II [Materialien*

zur Erforschung der Höhlen Bulgariens - II]. Trud. Bulg. Prirodoizpit. Druz. 13: 115-130 (in Bulgarian, German summ.).SCHOBER W. & GRIMMBERGER E. 1998: Die Fledermäuse Europas. Kennen. Bestimmen. Schützen. Aktualisiert unterweitert. Stuttgart: Franckh-Kosmos Verlags-GmbH & Co., 265 pp.On Bats (Chiroptera)]. Leningrad: Zoologicheskij Institut Akademii Nauk SSSR, 182 pp.2 [Sedentary and migratory species of bats (Chiroptera) in the European part of the USSR. Handbuch der Säugetiere Europas. Band 4: Fledertiere. Teil I: Chiroptera I. Rhinolophidae,Data revised by a team of Bulgarian Academy of Sciences (<http://www.bas.bg>).New data provided by project "Mapping and assessment of the conservation status of the natural habitats and species - Phase 1" (see link).

Link(s): <http://natura2000.moew.government.bg/Home/ProtectedSite?code=BG0000601&siteType=HabitatDirective>

## 5. SITE PROTECTION STATUS (optional)

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

[Back to top](#)

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
BG00	100.0				

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

### 5.3 Site designation (optional)

## 6. SITE MANAGEMENT

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

[Back to top](#)

Organisation:	Regional Inspectorate of Environment and Water: Vratsa
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

[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).