



Ramsar Information Sheet

Published on 1 January 2007

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Hungary

Baradla Cave System and related wetlands



Designation date	14 August 2001
Site number	1092
Coordinates	48°28'04"N 20°30'47"E
Area	2 056,00 ha

Color codes

Fields back-shaded in light blue relate to data and information required only for RIS updates.

Note that some fields concerning aspects of Part 3, the Ecological Character Description of the RIS (tinted in purple), are not expected to be completed as part of a standard RIS, but are included for completeness so as to provide the requested consistency between the RIS and the format of a 'full' Ecological Character Description, as adopted in Resolution X.15 (2008). If a Contracting Party does have information available that is relevant to these fields (for example from a national format Ecological Character Description) it may, if it wishes to, include information in these additional fields.

1 - Summary

Summary

The 25 km long Domica-Baradla Cave System is a typical and the largest subterranean hydrological system of the karst plateau in the territory of Slovakia and Hungary in transborder position. The site is listed as a representative part of a bilateral UNESCO Biosphere Reserve and the World Cultural and Natural Heritage site. The site is characterised by a permanent subterranean stream, ponds, by rich dripstone features and diverse representatives of subsurface fauna as well as rich archeological findings.

2 - Data & location

2.1 - Formal data

2.1.1 - Name and address of the compiler of this RIS

Compiler 1

Name	Attila Huber & Sándor Boldogh
Institution/agency	Aggtelek National Park Directorate
Postal address	H-3758 Jósvalfő, Tengersizem oldal 1
E-mail	info.anp@t-online.hu
Phone	+36 48506-000

2.1.2 - Period of collection of data and information used to compile the RIS

From year	2007
To year	2014

2.1.3 - Name of the Ramsar Site

Official name (in English, French or Spanish)	Baradla Cave System and related wetlands
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2.1.4 - Changes to the boundaries and area of the Site since its designation or earlier update

(Update) A. Changes to Site boundary Yes No

(Update) B. Changes to Site area No change to area

2.1.5 - Changes to the ecological character of the Site

(Update) 6b i. Has the ecological character of the Ramsar Site (including applicable Criteria) changed since the previous RIS? Not evaluated

2.2 - Site location

2.2.1 - Defining the Site boundaries

b) Digital map/image

<1 file(s) uploaded>

Former maps	0
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Boundaries description (optional)

The boundary of the Ramsar Site follows the passages of the known cave system, and on the surface the areas of the connected wetlands and water-related habitats (sinkholes, etc.).

2.2.2 - General location

a) In which large administrative region does the site lie?	Borsod-Abaúj-Zemplén
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b) What is the nearest town or population centre?	Miskolc
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2.2.3 - For wetlands on national boundaries only

a) Does the wetland extend onto the territory of one or more other countries? Yes No

b) Is the site adjacent to another designated Ramsar Site on the territory of another Contracting Party? Yes No

idem No

d) Transboundary Ramsar Site name:	Domica – Baradla Cave System
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2.2.4 - Area of the Site

Official area, in hectares (ha): 2056

Area, in hectares (ha) as calculated from GIS boundaries 2055.26

2.2.5 - Biogeography

Biogeographic regions

Regionalisation scheme(s)	Biogeographic region
EU biogeographic regionalization	Pannonic

Other biogeographic regionalisation scheme

European Environmental Agency (2012)
<http://www.eea.europa.eu/data-and-maps/figures/biogeographical-regions-in-europe-1>

3 - Why is the Site important?

3.1 - Ramsar Criteria and their justification

- Criterion 1: Representative, rare or unique natural or near-natural wetland types

Other reasons

The Domica-Baradla Cave System is a representative example of groundwater related wetlands and the largest subterranean hydrological system of the karst plateau in the territory of Slovakia and Hungary. The site shelters natural habitat types of community interest such as wet meadows and humid grasslands, whose conservation requires the designation of Special Areas of Conservation under the Annex I of the EU Habitat Directive.

- Criterion 2 : Rare species and threatened ecological communities

- Criterion 3 : Biological diversity

Justification

The Domica-Baradla Cave System supports more than 500 species of troglobite, troglophile and troglone animals including endemic species important for maintaining the biological diversity within the Pannonic biogeographic region.



































- Criterion 4 : Support during critical life cycle stage or in adverse conditions

3.2 - Plant species whose presence relates to the international importance of the site




























Scientific name	Common name	Criterion 2	Criterion 3	Criterion 4	IUCN Red List	CITES Appendix I	Other status	Justification
<i>Adenophora liliifolia</i>	Lady Bells	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Hungarian Red Book: considered as "actually endangered species"	
<i>Centaurea scabiosa saccheriana</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	IUCN European Red Book	
<i>Dactylorhiza majalis</i>	Western marsh orchid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Hungarian Red Book: considered as "actually endangered species"	
<i>Epipactis palustris</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LC ●●●●● ●●●●●	<input type="checkbox"/>	Hungarian Red Book: considered as "actually endangered species"	

3.3 - Animal species whose presence relates to the international importance of the site

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence ¹⁾	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
Birds																		
CHORDATA/ AVES	<i>Ciconia ciconia</i>	White Stork	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC ●●●●● ●●●●●	<input type="checkbox"/>	<input type="checkbox"/>	(EU Birds Dir.: Annex I & Hungarian Red Book: considered as "actually endangered species")	Criterion 4: This species regularly breeds on the site.
CHORDATA/ AVES	<i>Cinclus cinclus</i>	White-throated Dipper	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC ●●●●● ●●●●●	<input type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "critically endangered species")	
CHORDATA/ AVES	<i>Circaetus gallicus</i>	Short-toed Snake Eagle	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC ●●●●● ●●●●●	<input type="checkbox"/>	<input type="checkbox"/>	(EU Birds Dir.: Annex I & Hungarian Red Book: considered as "critically endangered species")	Criterion 4: This species regularly breeds on the site.

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence 1)	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
CHORDATA/AVES	 <i>Cornus corax</i>	Northern Raven	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "actually endangered species")	
CHORDATA/AVES	 <i>Coturnix coturnix</i>	Common Quail	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "actually endangered species")	
CHORDATA/AVES	 <i>Crex crex</i>	Corn Crake	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "actually endangered species")	
CHORDATA/AVES	 <i>Dendrocopos medius</i>	Middle Spotted Woodpecker	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	(EU Birds Dir.: Annex I & Hungarian Red Book: considered as "actually endangered species")	Criterion 4: This species regularly breeds on the site.
CHORDATA/AVES	 <i>Dryocopus martius</i>	Black Woodpecker	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	(EU Birds Dir.: Annex I & Hungarian Red Book: considered as "actually endangered species")	Criterion 4: This species regularly breeds on the site.
CHORDATA/AVES	 <i>Emberiza cia</i>	Rock Bunting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "actually endangered species")	
CHORDATA/AVES	 <i>Ficedula albicollis</i>	Collared Flycatcher	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	(EU Birds Dir.: Annex I)	Criterion 4: This species regularly breeds on the site.
CHORDATA/AVES	 <i>Lanius collurio</i>	Red-backed Shrike	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	(EU Birds Dir.: Annex I)	Criterion 4: This species regularly breeds on the site.
CHORDATA/AVES	 <i>Lophophanes cristatus</i>	European Crested Tit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "actually endangered species")	
CHORDATA/AVES	 <i>Lullula arborea</i>	Woodlark	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	(EU Birds Dir.: Annex I)	Criterion 4: This species regularly breeds on the site.
CHORDATA/AVES	 <i>Otus scops</i>	Eurasian Scops Owl	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "actually endangered species")	
CHORDATA/AVES	 <i>Pernis apivorus</i>	European Honey Buzzard	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	(EU Birds Dir.: Annex I & Hungarian Red Book: considered as "actually endangered species")	Criterion 4: This species regularly breeds on the site.
CHORDATA/AVES	 <i>Picus canus</i>	Grey-headed Woodpecker	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	(EU Birds Dir.: Annex I)	Criterion 4: This species regularly breeds on the site.
CHORDATA/AVES	 <i>Strix uralensis</i>	Ural Owl	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	(EU Birds Dir.: Annex I & Hungarian Red Book: considered as "actually endangered species")	Criterion 4: This species regularly breeds on the site.
CHORDATA/AVES	 <i>Sylvia nisoria</i>	Barred Warbler	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	(EU Birds Dir.: Annex I)	Criterion 4: This species regularly breeds on the site.
CHORDATA/AVES	 <i>Tetrastes bonasia</i>	Hazel Grouse	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	(EU Birds Dir.: Annex I & Hungarian Red Book: considered as "critically endangered species")	Criterion 4: This species regularly breeds on the site.
Fish, Mollusc and Crustacea																		
CHORDATA/CEPHALASPIDOMORPHI	 <i>Eudontomyzon danfordi</i>	Carpathian lamprey Carpathian brook lamprey	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	(Habitats Directive: Annex II)	Criterion 4: This species regularly breeds on the site.
MOLLUSCA/GASTROPODA	 <i>Sadleriana pannonica</i>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	(IUCN Red List, Hungarian Red Book: considered as "actually endangered species" & Habitats Directive: Annex II)	Criterion 4: This species regularly breeds on the site.
Others																		
CHORDATA/REPTILIA	 <i>Ablepharus kitaibelii</i>	Snake-eyed Skink	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "critically endangered species")	

RIS for Site no. 1092, Baradla Cave System and related wetlands, Hungary

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence 1)	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
ARTHROPODA/ INSECTA	 <i>Apatura iris</i>	Purple Emperor	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "actually endangered species")	
CHORDATA/ AMPHIBIA	 <i>Bombina bombina</i>	European Fire-bellied Toad	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	(Habitats Directive: Annex II)	Criterion 4: This species regularly breeds on the site.
CHORDATA/ MAMMALIA	 <i>Canis lupus</i>	Wolf	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input checked="" type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "extinct species" & Habitats Directive: Annex II)	Criterion 4: This species regularly breeds on the site.
ARTHROPODA/ INSECTA	 <i>Drusus trifidus</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "actually endangered species")	
ARTHROPODA/ INSECTA	 <i>Duvallius hungaricus</i>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "actually endangered species" & Habitats Directive: Annex II)	Criterion 4: This species regularly breeds on the site. This species was first described in the region. It is an endemic troglobite species living exclusively in the caves of Aggtelek and Slovak Karst.
ARTHROPODA/ INSECTA	 <i>Eriogaster catax</i>	Eastern Eggar	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "actually endangered species" & Habitats Directive: Annex II)	Criterion 4: This species regularly breeds on the site.
ARTHROPODA/ INSECTA	 <i>Euxoa distinguenda</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "actually endangered species")	
CHORDATA/ MAMMALIA	 <i>Felis silvestris</i>	Wildcat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "actually endangered species" & Habitats Directive: Annex IV)	Criterion 4: This species regularly breeds on the site.
CHORDATA/ MAMMALIA	 <i>Glis glis</i>	Edible dormouse	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "actually endangered species")	
ARTHROPODA/ INSECTA	 <i>Gnophos pullata</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "actually endangered species")	
CHORDATA/ AMPHIBIA	 <i>Hyla arborea</i>	Common Tree frog	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	(Habitats Directive: Annex IV)	Criterion 4: This species regularly breeds on the site.
ARTHROPODA/ INSECTA	 <i>Leucorrhinia pectoralis</i>	Yellow-spotted Whiteface	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	(Habitats Directive: Annex II)	Criterion 4: This species regularly breeds on the site.
ARTHROPODA/ INSECTA	 <i>Limenitis populi</i>	Poplar Admiral	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "actually endangered species")	
ARTHROPODA/ INSECTA	 <i>Lucanus cervus</i>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "actually endangered species" & Habitats Directive: Annex II)	Criterion 4: This species regularly breeds on the site.
ARTHROPODA/ INSECTA	 <i>Lycaena dispar</i>	Large Copper	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	(Habitats Directive: Annex II)	Criterion 4: This species regularly breeds on the site.
CHORDATA/ MAMMALIA	 <i>Lynx lynx</i>	Eurasian Lynx	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "extinct species" & Habitats Directive: Annex II)	Criterion 4: This species regularly breeds on the site.
ARTHROPODA/ INSECTA	 <i>Maculinea alcon</i>	Alcon blue	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "actually endangered species")	
ARTHROPODA/ INSECTA	 <i>Maculinea teleius</i>	Scarce Large Blue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "actually endangered species" & Habitats Directive: Annex II)	Criterion 4: This species regularly breeds on the site.
CHORDATA/ MAMMALIA	 <i>Miniopterus schreibersii</i>	Schreibers's Long-fingered Bat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT 	<input type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "critically endangered species" & Habitats Directive: Annex II)	Criterion 4: This species regularly breeds on the site.

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence 1)	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
CHORDATA/ MAMMALIA	<i>Muscardinus avellanarius</i>	Common Dormouse; Hazel Dormouse	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "actually endangered species" & Habitats Directive: Annex IV)	Criterion 4: This species regularly breeds on the site.
CHORDATA/ MAMMALIA	<i>Myotis bechsteinii</i>	Bechstein's Myotis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT 	<input type="checkbox"/>	<input type="checkbox"/>	(Habitats Directive: Annex II & Hungarian Red Book: considered as "critically endangered species")	Criterion 4: This species regularly breeds on the site.
CHORDATA/ MAMMALIA	<i>Myotis blythii</i>	lesser mouse-eared bat; Lesser Mouse-eared Myotis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	(Habitats Directive: Annex II)	Criterion 4: This species regularly breeds on the site.
CHORDATA/ MAMMALIA	<i>Myotis dasycneme</i>	pond bat; Pond Myotis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT 	<input type="checkbox"/>	<input type="checkbox"/>	(Habitats Directive: Annex II)	Criterion 4: This species regularly breeds on the site.
CHORDATA/ MAMMALIA	<i>Myotis emarginatus</i>	Geoffroy's bat; Geoffroy's Myotis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	(Habitats Directive: Annex II & Hungarian Red Book: considered as "critically endangered species")	Criterion 4: This species regularly breeds on the site.
CHORDATA/ MAMMALIA	<i>Myotis myotis</i>	mouse-eared bat; Mouse-eared Myotis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	(Habitats Directive: Annex II)	Criterion 4: This species regularly breeds on the site.
ARTHROPODA/ INSECTA	<i>Nonagria nexa</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "actually endangered species")	
ARTHROPODA/ INSECTA	<i>Notodonta torva</i>	Large Dark Prominent	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "actually endangered species")	
CHORDATA/ MAMMALIA	<i>Nyctalus leisleri</i>	Leisler's Noctule; lessemoctule	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	(Habitats Directive: Annex II & Hungarian Red Book: considered as "actually endangered species")	Criterion 4: This species regularly breeds on the site.
ARTHROPODA/ INSECTA	<i>Protaetia speciosissima</i>	Green flower beetle	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "actually endangered species")	
CHORDATA/ MAMMALIA	<i>Rhinolophus euryale</i>	Mediterranean Horseshoe Bat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT 	<input type="checkbox"/>	<input type="checkbox"/>	(Habitats Directive: Annex II & (Hungarian Red Book: considered as "actually endangered species")	Criterion 4: This species regularly breeds on the site.
CHORDATA/ MAMMALIA	<i>Rhinolophus ferrumequinum</i>	greater horseshoe bat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	(Habitats Directive: Annex II)	Criterion 4: This species regularly breeds on the site.
CHORDATA/ MAMMALIA	<i>Rhinolophus hipposideros</i>	lesser horseshoe bat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	(Habitats Directive: Annex II)	Criterion 4: This species regularly breeds on the site.
CHORDATA/ MAMMALIA	<i>Spermophilus citellus</i>	European Ground Squirrel; European Souslik	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				WJ 	<input type="checkbox"/>	<input type="checkbox"/>	(Habitats Directive: Annex II)	Criterion 4: This species regularly breeds on the site.
ARTHROPODA/ INSECTA	<i>Tettigonia caudata</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "actually endangered species")	
ARTHROPODA/ INSECTA	<i>Trichoferus pallidus</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	(Hungarian Red Book: considered as "critically endangered species")	

1) Percentage of the total biogeographic population at the site

Species listed under Criterion 2 which are not yet included in the Catalogue of Life:

Callimorpha quadripunctaria, Spanische Flagge: (Habitats Directive: Annex II)

Albocosta musiva: (Hungarian Red Book: considered as "actually endangered species")

The extensive underground world of the Aggtelek and Slovak Karst including the Domica-Baradla Cave System provides a habitat for more than 500 species of troglobite, troglophile and troglaxene animals including endemic species as well as species first described from this region.

The biospeleological research in the Baradla Cave started as early as the middle of last century. In 1932 Endre Dudich described already 262 species from the cave, which number was unique in Europe that time. In 1970 435 species were described including Protozoa, Nematoda, Rotatoria, Annelida, Crustacea, Diplura, Coleoptera, Diptera, Palpigradi, Araneidea, Acaridea, Mollusca and Mammalia.

Noteworthy fauna which are not yet included in the Catalogue of Life:

Allolobophora mozsaryorum (Annelida): Baradla Short Lower Cave is the only known habitat for this endemic species.

Niphargus aggtelekiensis (Amphipoda): This species is prominent by their large populations and ecological significance.

Argynnis pandora, Syn. *Pandoriana pandora*: (Hungarian Red Book: considered as "potentially endangered species")

3.4 - Ecological communities whose presence relates to the international importance of the site

<no data available>

4 - What is the Site like? (Ecological character description)

4.1 - Ecological character

<p>Habitats according to the whole territory of Aggtelek National Park:</p> <ul style="list-style-type: none"> - caves - stream, springs - steppes, dry calcareous grasslands ad rocky grasslands, - thermophilous forest fringes, - humid grasslands and wet meadows, - dry heathland, - Juniper downs, - tall herb communities, - thickets, - extrazonal beech forest, - hornbeam and oak forest, - thermophilous oak forest, - scrub forest with pubescent oak, - ravine forest, - rockforest, - riparian communities with willow. <p>Caves: Important/Vulnerable species: Niphargus aggtelekiensis, Mesoniscus graniger, Duvalius hungaricus, Eukoeneria austriaca vagvoelgyii, Allolobophora mozsaryorum, Rhinolophus euryale, Rhinolophus ferrumequinum, Rhinolophus hipposideros, Plecotus austriacus, Plecotus auritus, Myotis nattereri, Myotis bechsteini, Myotis emarginatus, Myotis mystacinus, Myotis daubentonii, Myotis dasycneme, Myotis myotis, Myotis blythii.</p> <p>Springs and riparian forest with willow: Important/Vulnerable species: Dryopteris carthusiana, Equisetum hyemale Drusus trifidus, Sadleriana pannonica, Eudontomyson danfordii, Salamandra salamandra, Cinclus cinclus, Motacilla cinerea, Neomys fodiens, Neomys anomalus.</p> <p>Bazophil marshfield (Carici flavae - Eriophoretum) Important/Vulnerable species: Carex flava, Carex lepidocarpa, Dactylorchiza incarnata, Eriophorum latifolium.</p> <p>Wet meadows (Cirsio cani - Festucetum pratensis, Junco-Molinietum) Important/Vulnerable species: Betula pubescens, Dactylorchiza majalis, Gentiana pneumonanthe, Iris sibirica, Salix aurita Maclurea teleius, Lycaena dispar, Crex crex.</p>
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4.2 - What wetland type(s) are in the site?

Inland wetlands

Wetland types (code and name)	Local name	Ranking of extent (1: greatest - 4: least)	Area (ha) of wetland type	Justification of Criterion 1
Fresh water > Flowing water >> M: Permanent rivers/ streams/ creeks		1		
Fresh water > Flowing water >> N: Seasonal/ intermittent/ irregular rivers/ streams/ creeks		2		
Fresh water > Lakes and pools >> Tp: Permanent freshwater marshes/ pools				
Fresh water > Marshes on inorganic soils >> Ts: Seasonal/ intermittent freshwater marshes/ pools on inorganic soils				
Fresh water > Marshes on peat soils >> U: Permanent Non-forested peatlands		4		
Fresh water > Marshes on inorganic soils >> W: Shrub-dominated wetlands		3		
Fresh, saline, brackish or alkaline water > Subterranean >> Zk(b): Karst and other subterranean hydrological systems		0		Representative

Human-made wetlands

Wetland types (code and name)	Local name	Ranking of extent (1: greatest - 4: least)	Area (ha) of wetland type	Justification of Criterion 1
2: Ponds				

4.3 - Biological components

4.3.1 - Plant species

Other noteworthy plant species

Scientific name	Common name	Position in range / endemism / other
<i>Asplenium scolopendrium</i>	Hart's-tongue fern	Species protected at national level.
<i>Betula pubescens</i>		Species protected at national level.
<i>Cardamine glanduligera</i>		Species protected at national level.
<i>Daphne mezereum</i>	Garland Flower	Species protected at national level.
<i>Eriophorum latifolium</i>		Species protected at national level.
<i>Jurinea glycacantha</i>		Species protected at national level.
<i>Neottia nidus-avis</i>	Bird's-nest Orchid	Species protected at national level.
<i>Phlomis tuberosa</i>	Jerusalem Sage	Species protected at national level.

4.3.2 - Animal species

Other noteworthy animal species

Phylum	Scientific name	Common name	Pop. size	Period of pop. est.	%occurrence	Position in range /endemism/other
ARTHROPODA/MALACOSTRACA	Mesoniscus graniger					Cave-dwelling endemic species detected on the site. This species is prominent by their large populations and ecological significance.
ARTHROPODA/INSECTA	Apatura ilia	Lesser Purple Emperor				Hungarian RB - potentially endangered species
ARTHROPODA/INSECTA	Argyronome laodice					Hungarian RB - potentially endangered species
ARTHROPODA/INSECTA	Brenthis ino	Lesser Marbled Fritillary				Hungarian RB - potentially endangered species
ARTHROPODA/INSECTA	Carabus intricatus	Blue ground beetle				
ARTHROPODA/INSECTA	Chersotis fimbriola baloghi					Hungarian RB - potentially endangered species
ARTHROPODA/ARACHNIDA	Eukoenenia austriaca					Cave-dwelling endemic species detected on the site.
ARTHROPODA/INSECTA	Hemaris tityus	Narrow-bordered Bee Hawk-moth				Hungarian RB - potentially endangered species
ARTHROPODA/INSECTA	Neptis rivularis	Hungarian Glider				Hungarian RB - potentially endangered species
ARTHROPODA/INSECTA	Neptis sappho	Pallas Sailer				Hungarian RB - potentially endangered species
CHORDATA/MAMMALIA	Sciurus vulgaris	Eurasian Red Squirrel				
CHORDATA/AMPHIBIA	Triturus cristatus	Great crested newt				

4.4 - Physical components

4.4.1 - Climate

Climatic region	Subregion
D: Moist Mid-Latitude climate with cold winters	Dfb: Humid continental (Humid with severe winter, no dry season, warm summer)

The climate is humid continental with long summers. The Carpathian Mountains have relatively strong climatical influence upon the area. The average annual temperature is rather low (8.2 °C) and the average temperature is only 15.5 °C in the growth season, such value can be measured only at the higher mountains of Hungary. The annual precipitation was between 600-700 mm but it significantly decreased during the last years, with an average of about 400-500 mm. The local microclimates are strongly influenced by the relief.

4.4.2 - Geomorphic setting

a) Minimum elevation above sea level (in metres)

a) Maximum elevation above sea level (in metres)

- Entire river basin
- Upper part of river basin
- Middle part of river basin
- Lower part of river basin
- More than one river basin
- Not in river basin

RIS for Site no. 1092, Baradla Cave System and related wetlands, Hungary

Coastal

Please name the river basin or basins. If the site lies in a sub-basin, please also name the larger river basin. For a coastal/marine site, please name the sea or ocean.

The area is part of the catchment area of the Sajó river, which flows into the Tisza.

4.4.3 - Soil

Mneral

(Update) Changes at RIS update No change Increase Decrease Unknown

No available information

Are soil types subject to change as a result of changing hydrological conditions (e.g., increased salinity or acidification)? Yes No

Please provide further information on the soil (optional)

The variety of soil types reflects the heterogeneous geological composition of the region. Limestone, dolomites and their scree at the base of slopes are covered by the product of long-term weathering and residual soils (terra rossa). Brown rendzinas, common rendzinas and luvisols occur on the lower slopes of valleys, where gravels or clayey materials have accumulated through the weathering of limestones. Cambisols and rendzinas are characteristic of plateau sites with fewer fine karstic forms and with thicker weathering deposits, often continuously covered by oak-hornbeam forest. In the basins, brown soils are found on the margins, and hydromorphic floodplain and floodplain gley soils in the floodplains.

4.4.4 - Water regime

Water permanence

Presence?	Changes at RIS update
Usually permanent water present	
Usually seasonal, ephemeral or intermittent water present	

Source of water that maintains character of the site

Presence?	Predominant water source	Changes at RIS update
Water inputs from rainfall	<input type="checkbox"/>	No change
Water inputs from surface water	<input type="checkbox"/>	No change

Water destination

Presence?	Changes at RIS update
To downstream catchment	No change
Feeds groundwater	No change

Stability of water regime

Presence?	Changes at RIS update
Water levels largely stable	No change

Please add any comments on the water regime and its determinants (if relevant). Use this box to explain sites with complex hydrology.

(See additional material for further information)

4.4.5 - Sediment regime

Sediment regime unknown

<no data available>

4.4.6 - Water pH

Unknown

4.4.7 - Water salinity

Fresh (<0.5 g/l)

(Update) Changes at RIS update No change Increase Decrease Unknown

Unknown

4.4.8 - Dissolved or suspended nutrients in water

Unknown

4.4.9 - Features of the surrounding area which may affect the Site

Please describe whether, and if so how, the landscape and ecological characteristics in the area surrounding the Ramsar Site differ from the i) broadly similar ii) significantly different site itself.

Surrounding area has greater urbanisation or development

Surrounding area has higher human population density

Surrounding area has more intensive agricultural use

Surrounding area has significantly different land cover or habitat types

4.5 - Ecosystem services

4.5.1 - Ecosystem services/benefits

Regulating Services

Ecosystem service	Examples	Importance/Extent/Significance
Maintenance of hydrological regimes	Groundwater recharge and discharge	Medium
Pollution control and detoxification	Water purification/waste treatment or dilution	High

Cultural Services

Ecosystem service	Examples	Importance/Extent/Significance
Recreation and tourism	Recreational hunting and fishing	Medium
Recreation and tourism	Picnics, outings, touring	Medium
Spiritual and inspirational	Cultural heritage (historical and archaeological)	High
Scientific and educational	Educational activities and opportunities	Medium
Scientific and educational	Important knowledge systems, importance for research (scientific reference area or site)	Medium
Scientific and educational	Major scientific study site	Medium

Other ecosystem service(s) not included above:

The role of the site in flood control and groundwater replenishment is not relevant.
 The sediment of the cave system plays an important role in the filtration of heavy metal pollution.

Archaeological excavations revealed the presence of prehistoric man in the Baradla Cave in 1876. The most important archaeological sites are the Baradla-Domica Cave System with its settlements of Bükk culture both inside and in front of the cave entrance, and with its charcoal drawings unique in Central Europe.

The importance of the karstic springs was recognised by local people as early as in the Middle Ages. The energy of the springs has ever been utilised from ore crushing to milling grains. Even electricity was generated in the first half of the 20th century by the water of the Jósva spring thus creating public lighting in Jósvalő and later in the Baradla Cave.

(See additional document for further information on scientific research, tourism & education/public awareness activities)

Have studies or assessments been made of the economic valuation of ecosystem services provided by this Ramsar Site? Yes No Unknown

4.5.2 - Social and cultural values

- i) the site provides a model of wetland wise use, demonstrating the application of traditional knowledge and methods of management and use that maintain the ecological character of the wetland
- ii) the site has exceptional cultural traditions or records of former civilizations that have influenced the ecological character of the wetland
- iii) the ecological character of the wetland depends on its interaction with local communities or indigenous peoples
- iv) relevant non-material values such as sacred sites are present and their existence is strongly linked with the maintenance of the ecological character of the wetland

<no data available>

4.6 - Ecological processes

<no data available>

5 - How is the Site managed? (Conservation and management)

5.1 - Land tenure and responsibilities (Managers)

5.1.1 - Land tenure/ownership

Public ownership

Category	Within the Ramsar Site	In the surrounding area
National/Federal government	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Local authority, municipality, (sub)district, etc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Private ownership

Category	Within the Ramsar Site	In the surrounding area
Cooperative/collective (e.g., farmers cooperative)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other types of private/individual owner(s)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Provide further information on the land tenure / ownership regime (optional):

a) within the Ramsar site:

State owned: 75,7 %

Municipality: 16,6 %

Private: 6,3 %

Other: 1,4 %

b) in the surrounding area (according to the area of the Aggtelek National Park):

State owned: 92,1 %

Municipality: 3,2 %

Private: 3,5 %

Other: 1,2 %

5.1.2 - Management authority

Please list the local office / offices of any agency or organization responsible for managing the site:

Aggtelek National Park Directorate

Provide the name and title of the person or people with responsibility for the wetland:

Balázs Veress director

Postal address:

H-3758 Jósvalfő, Tengersizem oldal 1. – HUNGARY

E-mail address:

info.anp@t-online.hu

5.2 - Ecological character threats and responses (Management)

5.2.1 - Factors (actual or likely) adversely affecting the Site's ecological character

Agriculture and aquaculture

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Livestock farming and ranching	Medium impact	Medium impact	<input type="checkbox"/>	No change	<input checked="" type="checkbox"/>	decrease

Biological resource use

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Logging and wood harvesting	Medium impact	Medium impact	<input checked="" type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change

Pollution

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Household sewage, urban waste water	Medium impact	Medium impact	<input checked="" type="checkbox"/>	decrease	<input checked="" type="checkbox"/>	No change
Agricultural and forestry effluents	Medium impact	Medium impact	<input checked="" type="checkbox"/>	No change	<input checked="" type="checkbox"/>	decrease

Please describe any other threats (optional):

Within the Ramsar Site:
 - Past: forestry, chemicals used by agriculture, waste-water and domestic waste
 - Present: forestry time and spatial restriction according to the management plan, waste-water and domestic waste (decreasing)

In the surrounding area:
 - Past: forestry, chemicals used by agriculture, animal husbandry, waste-water and domestic waste
 - Present: Forestry, chemicals used by agriculture, animal husbandry (decreasing), waste-water and domestic waste
 - Potential: forestry time and spatial restriction, chemicals used by agriculture (decreasing), animal husbandry (decreasing), domestic waste

5.2.2 - Legal conservation status

Global legal designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
UNESCO Biosphere Reserve	Aggtelek Karst & Slovak Karst		partly
World Heritage site	Aggtelek and Slovak Karst		partly

Regional (international) legal designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
EU Natura 2000	Aggtelek Karst		partly

National legal designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
National Park	Aggtelek		partly

5.2.3 - IUCN protected areas categories (2008)

- Ia Strict Nature Reserve
- Ib Wilderness Area: protected area managed mainly for wilderness protection
- II National Park: protected area managed mainly for ecosystem protection and recreation
- III Natural Monument: protected area managed mainly for conservation of specific natural features
- IV Habitat/Species Management Area: protected area managed mainly for conservation through management intervention
- V Protected Landscape/Seascape: protected area managed mainly for landscape/seascape conservation and recreation
- VI Managed Resource Protected Area: protected area managed mainly for the sustainable use of natural ecosystems

5.2.4 - Key conservation measures

Legal protection

Measures	Status
Legal protection	Implemented

Other:

Management plan exists (from 01. 01. 1997.), but no longer meets the requirements of more recent national legislation (needs to be updated and passed again).

A major (3 million Euros) project took place in recent years to develop the Lake Vörös entrance of Baradla cave for tourism.

5.2.5 - Management planning

Is there a site-specific management plan for the site? In preparation

Has a management effectiveness assessment been undertaken for the site? Yes No

If the site is a formal transboundary site as indicated in section Data and location > Site location, are there shared management planning processes with another Contracting Party? Yes No

Please indicate if a Ramsar centre, other educational or visitor facility, or an educational or visitor programme is associated with the site:

Facilities for education and visitors' centers:

- Exhibition: Natural assets of Aggtelek National Park,
- Village Museum at Jósvalfő,
- 2 study trails.

Environmental education and public awareness:

- The National Park organises different summer-camps for pupils and students: "explore the nature"-camps, work camps (bird-ringing camp, habitat-restoration camp, research camp).
- The National Park organises fieldtrips for students of secondary schools, universities and postgraduate students.
- The specialised staff of the National Park usually hold lectures on the natural and cultural heritage of the region for tourist-groups, students and local people.

(See additional document for further information on Current communications, education and public awareness (CEPA) activities)

5.2.6 - Planning for restoration

Is there a site-specific restoration plan? Please select a value

5.2.7 - Monitoring implemented or proposed

Monitoring	Status
Plant community	Implemented

Botanical surveys:

- setting up a flora list of vascular plants
- National Biomonitoring Programme (NBmR)
- Natura 2000 survey programme

(See additional document for further information on current scientific research and facilities)

6 - Additional material

6.1 - Additional reports and documents

6.1.1 - Bibliographical references

See 6.1.2 Additional reports and documents > vi. other published literature, for the list of bibliographical references.

6.1.2 - Additional reports and documents

i. taxonomic lists of plant and animal species occurring in the site (see section 4.3)

<no file available>

ii. a detailed Ecological Character Description (ECD) (in a national format)

<no file available>

iii. a description of the site in a national or regional wetland inventory

<no file available>

iv. relevant Article 3.2 reports

<no file available>

v. site management plan

<no file available>

vi. other published literature

<2 file(s) uploaded>

6.1.3 - Photograph(s) of the Site

Please provide at least one photograph of the site:



Ponds formed by rimstone bars in the Styx Branch of Baradla Cave. (*Mr. Csaba Egri, 30-12-2013*)

6.1.4 - Designation letter and related data

Designation letter

<1 file(s) uploaded>

Transboundary Designation letter

<1 file(s) uploaded>

Date of Designation 2001-08-14