

Database release: End2019 --- 12/06/2020 ▼

SDF



## 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 **SI3000232**  
SITENAME **Notranjski trikotnik**

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### 1. SITE IDENTIFICATION

#### 1.1 Type

B

#### 1.2 Site code

SI3000232

#### 1.3 Site name

Notranjski trikotnik

#### 1.4 First Compilation date

2004-05

#### 1.5 Update date

2016-03

#### 1.6 Respondent:

<b>Name/Organisation:</b>	Zavod RS za varstvo narave (Ministrstvo za okolje in prostor)
<b>Address:</b>	Ljubljana 5 Ljubljana Ljubljana 1000 Tobačna ulica
<b>Email:</b>	zrsvn.oe@zrsvn.si

#### 1.7 Site indication and designation / classification dates

<b>Date site proposed</b>	2004-04
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<b>as SCI:</b>	
<b>Date site confirmed as SCI:</b>	2007-11
<b>Date site designated as SAC:</b>	2012-02
<b>National legal reference of SAC designation:</b>	Uredba o spremembah in dopolnitvi Uredbe o posebnih varstvenih območjih (območjih Natura 2000), Uradni list RS, št. 8/2012

## 2. SITE LOCATION

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

<b>Longitude:</b>	14.322700
<b>Latitude:</b>	45.775200

### 2.2 Area [ha]

15231.6000
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### 2.3 Marine area [%]

0.0000
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### 2.4 Sitelength [km]:

0.00
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### 2.6 Biogeographical Region(s)

Alpine	(99.80 %)	Continental	(0.20 %)
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## 3. ECOLOGICAL INFORMATION

### 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
<a href="#">3140</a> B			76	0.00	G	B	A	B	B
<a href="#">3150</a> B			106.3	0.00	G	A	A	A	A
<a href="#">3180</a> B			2749.8	0.00	G	A	A	A	A
<a href="#">3260</a> B			38.4	0.00	G	B	A	B	B
<a href="#">3270</a> B			52.7	0.00	G	C	C	B	C
<a href="#">6410</a> B			564.5	0.00	G	A	A	A	A

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
<a href="#">6430</a> B			3914.4	0.00	M	A	B	B	B
<a href="#">6510</a> B			490	0.00	G	A	B	A	A
<a href="#">7150</a> B			71.9	0.00	P	C	B	C	C
<a href="#">7230</a> B			71.9	0.00	G	A	A	A	A
<a href="#">8310</a> B			0	40.00	M	A	B	A	A
<a href="#">91K0</a> B			5788.2	0.00	G	B	B	B	B
<a href="#">91L0</a> B			0.1	0.00	M	D	-	-	-

**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.
I	<a href="#">4056</a>	<a href="#">Anisus vorticulus</a>			p	0	0		P	DD	B	B	C	C
I	<a href="#">1093</a>	<a href="#">Austropotamobius torrentium</a>			p	0	0		P	DD	C	B	C	B
M	<a href="#">1308</a>	<a href="#">Barbastella barbastellus</a>			p	0	0		P	DD	A	A	C	B
A	<a href="#">1193</a>	<a href="#">Bombina variegata</a>			p	0	0		R	DD	C	B	C	B
I	<a href="#">1078</a>	<a href="#">Callimorpha quadripunctaria</a>			p	0	0		C	DD	C	B	C	C
M	<a href="#">1352</a>	<a href="#">Canis lupus</a>			p	0	0		P	DD	C	B	A	B
P	<a href="#">1393</a>	<a href="#">Drepanocladus vernicosus</a>			p	0	0		P	DD	B	B	C	B
P	<a href="#">4096</a>	<a href="#">Gladiolus palustris</a>			p	0	0		R	DD	B	A	B	B
I	<a href="#">4019</a>	<a href="#">Leptodirus hochenwarti</a>			p	0	0		C	DD	A	A	C	A
M	<a href="#">1355</a>	<a href="#">Lutra lutra</a>			p	0	0		P	DD	C	A	C	B
M	<a href="#">1361</a>	<a href="#">Lynx lynx</a>			p	0	0		C	DD	C	B	A	B
I	<a href="#">1059</a>	<a href="#">Maculinea teleius</a>			p	0	0		R	DD	C	B	C	C
M	<a href="#">1310</a>	<a href="#">Miniopterus schreibersii</a>			p	0	0		P	DD	B	B	B	B
M	<a href="#">1310</a>	<a href="#">Miniopterus schreibersii</a>			c	1	250	i		P	B	B	B	B
I	<a href="#">1089</a>	<a href="#">Mormis funereus</a>			p	0	0		C	DD	B	A	C	B

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	<a href="#">1323</a>	<a href="#">Myotis bechsteinii</a>			p	0	0		P	DD	C	A	C	B
M	<a href="#">1316</a>	<a href="#">Myotis capaccinii</a>			p	0	0		C	DD	B	A	B	B
M	<a href="#">1316</a>	<a href="#">Myotis capaccinii</a>			w	0	0		P	DD	B	A	B	B
M	<a href="#">1316</a>	<a href="#">Myotis capaccinii</a>			r	2	160	i		P	B	A	B	B
M	<a href="#">1321</a>	<a href="#">Myotis emarginatus</a>			p	0	0		P	DD	A	A	C	B
M	<a href="#">1324</a>	<a href="#">Myotis myotis</a>			r	400	430	i		M	B	C	C	B
M	<a href="#">1324</a>	<a href="#">Myotis myotis</a>			p	0	0		C	DD	B	C	C	B
A	<a href="#">1186</a>	<a href="#">Proteus anguinus</a>			p	0	0		R	DD	A	B	A	A
M	<a href="#">1303</a>	<a href="#">Rhinolophus hipposideros</a>			r	135	335	i		M	C	B	C	B
M	<a href="#">1303</a>	<a href="#">Rhinolophus hipposideros</a>			w	700	1100	i		M	A	B	C	B
M	<a href="#">1303</a>	<a href="#">Rhinolophus hipposideros</a>			p	0	0		C	DD	A	B	C	B
P	<a href="#">4101</a>	<a href="#">Scilla litardierei</a>			p	0	0		V	DD	A	A	A	A
A	<a href="#">1167</a>	<a href="#">Triturus carnifex</a>			p	0	0		R	DD	C	B	C	C
M	<a href="#">1354</a>	<a href="#">Ursus arctos</a>			p	0	0		C	DD	C	B	A	B
I	<a href="#">1014</a>	<a href="#">Vertigo angustior</a>			p	0	0		P	DD	B	B	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

**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

Habitat class	% Cover
N06	0.75
N07	1.66
N10	0.01
N15	1.46
N21	0.30
N22	0.01
N23	2.00
N25	27.14
N26	66.67
<b>Total Habitat Cover</b>	100

#### Other Site Characteristics

Key karstic area for numerous karst phaenomena (caves, colapsed dolinas, ponors, karst sources) and the richest know subterranean fauna in Slovenia (very high even in the global level), system of intermitent karst poljes, surrounded by forest complex. High ecosystem diversity.

#### 4.2 Quality and importance

Most important area for troglobiont fauna in Slovenia. Highest known diversity of troglobiont species, some of them are very narrow endemics. Probably very large populations of *Proteus anguinus* (estimation against populations recorded in accessible caves). Most well known intermitent karst poljes (Cerkniko jezero described by Plinius, detailed by Valvasor in 17th cent.). Forest complex is habitat for large carnivores and forest beetle species. Here there is the longest cave system in Slovenia (Postonjsko-Planinski system) - length over 20 km. Numerous caves. On part of the intermitent lakes there are wet grasslands, on Planinsko polje it is the only slovenian locality for *Scilla litardierei*, typicall dinaric species on the northwestern border of the distribution. Imporant for bats (colonies in caves, feeding area). On more exposed areas there are dry calcareous grasslands.

#### 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]
H			i
L			i
M			i
L			i
M			i
M			i
M			i
M			i
H			i
M			i
M			i

M			i
M			i
M			i
M			i
H			i
M			i
L			i
L			i
M			i
M			i
L			i

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

Strokovne osnove za vzpostavljjanje omrežja NATURA 2000 - dvoživke (Amphibia), končno poročilo, nosilec Mladen Kotarac, Center za kartografijo favne in flore, 2003, pp. 144. Strokovne osnove za vzpostavljjanje omrežja NATURA 2000 - medved (Ursus arctos), volk (Canis vulpes) in ris (Lynx lynx), nosilec Marko Jonozovič, 2003. Strokovne osnove za vzpostavljjanje omrežja NATURA 2000 - vidra (Lutra lutra), končno poročilo, nosilec Marjana Hoenigsfeld-Adamič, Lutra, 2003. Sket, B., 2000: Pregled in izbor jam v Republiki Sloveniji, ki so pomembne za ohranjanje podzemske favne. Oddelek za biologijo Biotehniške fakultete, Univerza v Ljubljani, elaborat, pp. 36. Strokovne osnove za vzpostavljjanje omrežja NATURA 2000 - hrošči (Coleoptera), končno poročilo, nosilca dr. Božidar Drovenik in mag. Aljoša Pirnat, ZRC SAZU, Biološki inštitut Jovana Hadžija, 2003, pp. 89. Strokovne osnove za vzpostavljjanje omrežja NATURA 2000 - netopirji (Chiroptera), končno poročilo, nosilec izr. prof. dr. Boris Kryštufek, Prirodoslovni muzej Slovenije, 2003, pp. 322. Strokovne osnove za vzpostavljjanje omrežja NATURA 2000 - rastline (Pteridophyta in Spermatophyta), končno poročilo, nosilec mag. Boško Čušin, ZRC SAZU, Biološki inštitut Jovana Hadžija, 2003, pp. 233. Strokovna izhodišča za vzpostavljjanje omrežja Natura 2000 negozdni habitatni tipi - delno poročilo, Center za kartografijo favne in flore, 2004. Natura 2000 - strokovna izhodišča za vzpostavljjanje omrežja habitatov - gozdni habitatni tipi. Zavod za gozdove Slovenije, 2002. CKFF (2003): Podatkovna zbirka Natura 2000 – dvoživke. Center za kartografijo favne in flore. Miklavž na Dravskem polju. Kryštufek, B., P. Presetnik, A. Šalamun (2003): Strokovne osnove za vzpostavljjanje omrežja Natura 2000: Netopirji (Chiroptera) (končno poročilo). Prirodoslovni muzej Slovenije. Ljubljana. 322 str., digitalne priloge. Govedič M., M. Bedjanič, A. Vrezec, A. Šalamun (2011): Dodatne raziskave kvalifikacijskih vrst Natura 2000 ter vzpostavitev in izvajanje monitoringa ciljnih vrst rakov v letu 2010 in 2011 (končno poročilo). Center za kartografijo favne in flore. Miklavž na Dravskem polju. 87 str., priloge. Martinčič, A. (2003): Strokovna izhodišča za vzpostavitev omrežja Natura 2000 – Mahovi. Biotehniška fakulteta, Ljubljana. Presetnik, P., M. Podgorelec, V. Grobelnik, A. Šalamun (2007): Monitoring populacij izbranih ciljnih vrst netopirjev (zaključno poročilo). Center za kartografijo favne in flore. Miklavž na Dravskem polju. 251 str., digitalne priloge. Presetnik, P., M. Podgorelec, V. Grobelnik, A. Šalamun (2009): Monitoring populacij izbranih ciljnih vrst netopirjev 2008-2009 (zaključno poročilo). Center za kartografijo favne in flore. Miklavž na Dravskem polju. 121 str.; digitalne priloge. Presetnik, P., M. Podgorelec, V. Grobelnik, A. Šalamun (2011): Monitoring populacij izbranih ciljnih vrst netopirjev v letih 2010 in 2011 (končno poročilo). Center za kartografijo favne in flore. Miklavž na Dravskem polju. 282 str., digitalne priloge. Slapnik, R. (2003): Strokovna izhodišča za vzpostavljjanje omrežja Natura 2000 – mehkužci (Mollusca). Biološki inštitut Jovana Hadžija ZRC SAZU. Ljubljana. 40 str. Vrezec A., S. Polak, A. Kapla, A. Pirnat, V. Grobelnik, A. Šalamun (2007): Monitoring populacij izbranih ciljnih vrst hroščev - Carabus variolosus, Leptodirus hochenwartii, Lucanus cervus in Morinus funereus, Rosalia alpina. Nacionalni inštitut za biologijo. Ljubljana. 145 str., priloge.

## 5. SITE PROTECTION STATUS

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

Code	Cover [%]
SI00	40.40

SI05	55.20
SI06	5.20

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

Designated at national or regional level:

Type code	Site name	Type	Cover [%]
SI06	Rakekova kotlina pri Rakeku (Rakov ?kocjan)	+	1.00
SI05	Notranjski regijski park	*	55.00
SI06	Planina - obmoèje, Planinsko polje, Planinska jama, Markova jama v Nartu, ?kratovka, Izviri v Malnih, U?ka koli?evka	*	4.00

Designated at international level:

Type	Site name	Type	Cover [%]
Other	Rakekova kotlina pri Rakeku (Rakov ?kocjan)	+	1.00
	Notranjski regijski park	*	55.00
	Planina - obmoèje, Planinsko polje, Planinska jama, Markova jama v Nartu, ?kratovka, Izviri v Malnih, U?ka koli?evka	*	4.00

## 6. SITE MANAGEMENT

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

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<b>Organisation:</b>	načrtovalci in nosilci urejanja prostora
<b>Address:</b>	
<b>Email:</b>	
<b>Organisation:</b>	Kmetijsko gozdarska zbornica Slovenije
<b>Address:</b>	
<b>Email:</b>	kgzs@kgzs.si
<b>Organisation:</b>	Agencija RS za kmetijske trge in razvoj podeželja
<b>Address:</b>	
<b>Email:</b>	aktrp@gov.si
<b>Organisation:</b>	Ministrstvo za kmetijstvo, gozdarstvo in prehrano RS
<b>Address:</b>	
<b>Email:</b>	gp.mkgp@gov.si
<b>Organisation:</b>	Ministrstvo za okolje in prostor RS

<b>Address:</b>	
<b>Email:</b>	gp.mop@gov.si
<b>Organisation:</b>	Zavod za ribištvo Slovenije
<b>Address:</b>	
<b>Email:</b>	info@zzrs.si
<b>Organisation:</b>	Zavod RS za varstvo narave
<b>Address:</b>	
<b>Email:</b>	zrsvn.oe@zrsvn.si
<b>Organisation:</b>	Zavod za varstvo kulturne dediščine Slovenije
<b>Address:</b>	
<b>Email:</b>	tajnistvo@zvks.si
<b>Organisation:</b>	Agencija RS za okolje
<b>Address:</b>	
<b>Email:</b>	stik@arso.gov.si
<b>Organisation:</b>	Zavod za gozdove Slovenije
<b>Address:</b>	
<b>Email:</b>	zgs.tajnistvo@zgs.si
<b>Organisation:</b>	Notranjski regijski park
<b>Address:</b>	
<b>Email:</b>	info@notranjski-park.si

## 6.2 Management Plan(s):

An actual management plan does exist:

<input checked="" type="checkbox"/>	Yes	Name: Gozdnogospodarski načrti za gozdnogospodarske enote Baba - Debela gora, Bloke, Hrašče - Osojnica, Javorje, Javornik, Logatec, Otok - Karlovica, Pivka jama - Grmada, Planina - Golobičevcevec, Racna gora, Ravnik, Slivnica, Suhi vrh - Podgora in Škocjan - Unec (samo za gozdni prostor območja) Link: <a href="http://prostor.zgs.gov.si/pregledovalnik/">http://prostor.zgs.gov.si/pregledovalnik/</a>
<input type="checkbox"/>	No, but in preparation	
<input type="checkbox"/>	No	



## 7. MAP OF THE SITE

INSPIRE ID:	SI.ARSO.SI3000232
Map delivered as PDF in electronic format (optional)	
<input type="checkbox"/> Yes <input type="checkbox"/> No	

### SITE DISPLAY

