

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 **AT1122916**

SITENAME Lafnitztal

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1. SITE IDENTIFICATION

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1.1 Type 1.2 Site code

B AT1122916

1.3 Site name

Lafnitztal

1.4 First Compilation date 1.5 Update date

1998-06 2023-12

1.6 Respondent:

Name Amt d. Burgenländischen Landesregierung, Abt. 4 Agrarwesen,

/Organisation: Natur- und Klimaschutz

Address: Europaplatz 1, A 7001 Eisenstadt

Email: post.a4@bgld.gv.at

1.7 Site indication and designation / classification dates

Date site classified as SPA:	0000-00
National legal reference of SPA designation	No data
Date site proposed as SCI:	1998-06
Date site confirmed as SCI:	No data
Date site designated as SAC:	2007-04
National legal reference of SAC designation:	Verordnung der Burgenländischen Landesregierung vom 26. April 2007 über die Erklärung von Gebieten des Lafnitztals zum Europaschutzgebiet ("Europaschutzgebiet Lafnitztal"). Landesgesetzblatt Nr. 37/2007.

2. SITE LOCATION

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2.1 Site-centre location [decimal degrees]:

Longitude Latitude

16.1053 47.0664

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

590.57

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code	Region Name
AT11	Burgenland (A)

2.6 Biogeographical Region(s)

Continental (%)

3. ECOLOGICAL INFORMATION

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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
3150			1.8		G	B	C	B	B
3260			3.6		G	B	C	B	B
3270			20.0		G	A	C	B	B
6410		X	0.0		G	D			

6430	X	0.0		G	D					
6510		69.5		G	B			C	C	C
9170		0.8		G	D					
91E0		173.8		G	A			C	B	B
91F0		0.3		G	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.	G	
F	1130	Aspius aspius				p			R	G	C	C	C	C
A	1188	Bombina bombina				p			P	M	C	B	B	B
A	1193	Bombina variegata				p			C	M	C	B	B	B
M	1337	Castor fiber Cobitis				p			P	P	D			

F	5297	elongatoides	p				R	G	C	C	C	C
I	4045	Coenagrion ornatum	r				R	M	B	B	B	B
F	1163	Cottus gobio	p				C	G	C	B	C	C
I	1086	Cucujus cinnaberinus	p				P	DD	C	B	C	B
F	2484	Eudontomyzon mariae	p				C	G	C	B	A	B
I	6199	Euplagia quadripunctaria	p				P	M	D			
F	1157	Gymnocephalus schraetzer	p				V	G	C	C	C	C
M	1355	Lutra lutra	p	15	20	i	P	G	C	A	C	B
I	1060	Lycaena dispar	p				P	M	D			
F	1145	Misgurnus fossilis	p				V	G	C	C	C	C
M	1321	Myotis emarginatus	r				P	M	C	A	C	B
M	1324	Myotis myotis	r				P	M	D			
I	1037	Ophiogomphus cecilia	p				P	M	C	B	C	C
I	6179	Phengaris nausithous	p				P	M	C	A	A	B
I	6177	Phengaris teleius	p				P	M	C	A	A	B
M	1303	Rhinolophus hipposideros	p				V	M	D			
F	5339	Rhodeus amarus	p				R	G	C	C	C	C
F	6143	Romanogobio kesslerii	p				R	G	C	C	B	C
F	5329	Romanogobio vladykovi	p				R	G	C	C	C	C
F	5197	Sabanejewia balcanica	p				R	G	C	C	B	C

A	1167	Triturus carnifex	p				C	M	C	B	B	B
A	1993	Triturus dobrogicus	p				P	M	C	B	B	C
I	1032	Unio crassus	p	8000	12000	i		M	A	B	C	B
F	1160	Zingel streber	p				C	G	C	B	B	B
F	1159	Zingel zingel	p				R	G	C	C	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
A		B. bombina											
		x B.					P					X	

	variegata							
I	Bryozoa spp					P		X
P	Iris sibirica	250	250	i				X
P	Laserpitium prutenicum					P		X
P	Matteuccia struthiopteris					P		X
P	Molinia arundinacea					P		X
P	Nuphar luteum	10	10	i				X
I	Parnassius mnemosyne					P		X
P	Scorzonera humilis					P		X
I	Spongilla spp					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

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4.1 General site character

Habitat class	% Cover
N23	8.0
N06	20.0
N10	45.0
N07	1.0
N20	1.0
N16	25.0
Total Habitat Cover	100

Other Site Characteristics

Über jungtertiären, wassrestauenden Schluffen und Tonen liegt oberflächlich der quartäre, wasserführende Sand und Kieskörper des Lafnitztales. Dieser ist überdeckt von lehmig-tonigen holozänen Deckschichten. Randlich ist dieser etwa 2 bis 5 km breite Talboden von pleistozänen Terrassen begleitet. Die Nord - Süd verlaufende Strecke des mäandrierenden Lafnitzlaufes ist eines der wenigen Beispiele für eine natürliche Potamalstrecke, die teils mit Resten von Erle- Eschen Auwäldern, teils von Weidenbeständen begleitet ist. Über weite Strecken ist eine natürliche Fließdynamik erhalten, die zu Sedimentumlagerungen, Uferabbrüchen und Totarm Bildungen führt. Neben den Auwaldbereichen sind die natürlich eutrophen Tümpel, feuchte Uferäume, Feuchtwiesen und Mähwiesen wesentliche Elemente des Gebietes. In der Vergangenheit wurden Teile der Auwälder und der Hochwasser Retentionsfläche (Wiesen) in z.T. intensiv bewirtschaftetes Ackerland umgewandelt. Der etwa West - Ost gerichtete Teil des Flußlaufes (Rudersdorf bis Heiligenkreuz a. d. österr./ungar. Grenze) wurde, beginnend etwa in den 60-er Jahren des 20. Jhd., schrittweise reguliert. Im Rahmen eines LIFE-Projektes sollen die bestehenden Altarme wieder eingebunden und die Mündungsbereiche der Zubringer verbessert werden. Bestehende Stauhaltungen im Bereich von Mühlen sollen derart renaturiert werden, daß ein ökologisches "Fließkontinuum" wieder hergestellt wird.

4.2 Quality and importance

Natürlicher mäandrierender Flußlauf mit Altarmbildung und begleitenden Auwaldbereichen. Weitgehend intakte Hochwasserdynamik. Ausgedehnte feuchte Mähwiesen in reich strukturierter Tallandschaft. Bemerkenswert die Population von Hybriden von *Bombina bombina* x *B. variegata* (10% der Weltpopulation), Vorkommen von *Myrmica* spp. als essentielle Basis für das Vorkommen von Ameisenbläulingen und bedeutendes Brutvorkommen typischer Flußvogelarten. Rheophile Fischarten sind in dem regulierten Anteil des Flußlaufes zu finden.

4.3 Threats, pressures and activities with impacts on the site

The most important impacts and activities with high effect on the site

Negative Impacts

Rank	Threats and pressures [code]	Pollution (optional) [code]	inside/outside [i o b]
M	G01.08		i
H	F02.03		i
H	J02.05.02		o
H	A08		i
M	B		i

Positive Impacts

Rank	Activities, management [code]	Pollution (optional) [code]	inside/outside [i o b]
H	A04		i
H	A03		i
M	B		i
H	A08		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

4.4 Ownership (optional)

Type	[%]
National/Federal	94
Public	
State/Province	0
Local/Municipal	1
Any Public	0
Joint or Co-Ownership	0
Private	5
Unknown	0
sum	100

4.5 Documentation

LIFE Antrag "Wildflußgebiet Lafnitztal" 1998
Kelemen, J. et. al. 1990:

Naturschutzgebiet Lafnitz - Stögersbachmündung. ARGE Naturforschung und angewandte Vegetationsökologie. Wien pp106

Ott, C., B. Thurner & B. Wendelin (2007): Erfassung der Lebensraumtypen nach Anhang 1 der FFH-Richtlinie im pSCI Natura 2000 Gebiet "Lafnitzauen". Studie im Auftrag des Amtes d. Bgld. Landesreg. 79pp.

Woschitz, G. (2012): Status quo der Schutzgüter Fische und Neunaugen im Natura 2000-Gebiet Lafnitzauen (AT1122916). Studie im Auftrag des ÖNB Burgenland. 88pp.

5. SITE PROTECTION STATUS (optional)

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5.1 Designation types at national and regional level:

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
AT17	50.0	AT00	35.0	AT03	27.0
AT06	8.0				

5.2 Relation of the described site with other sites:

designated at international level:

Type	Site name	Type	Cover [%]
ramsar	Ramsargebiet Lafnitztal	*	40.0

5.3 Site designation (optional)

6. SITE MANAGEMENT

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6.1 Body(ies) responsible for the site management:

Organisation:	Amt d. Burgenländischen Landesregierung, Abt. 4 Agrarwesen, Natur- und Klimaschutz Amt d. Burgenländischen Landesregierung, Abt. 5 Baudirektion, Wasserwirtschaft
Address:	Europaplatz 1, A 7001 Eisenstadt
Email:	post.a4@bgld.gv.at

6.2 Management Plan(s):

An actual management plan does exist:

Name: Managementplan Europaschutzgebiet Lafnitztal (AT1122916)

Link: <https://www.burgenland.at/themen/natur/geschuetzte-gebiete/managementplaene-der-natura2000-gebiete/>

X Yes

No, but in preparation

No

6.3 Conservation measures (optional)

Management durch den Verein BERTA und den Verein zur Pflege des Naturschutzgebietes Lafnitz-Stögersbach AuenManagementplan existiert (coopNatura 2019)

7. MAP OF THE SITES

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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).