



SITE	AT1213000
SITENAME	Pannonische Sanddünen

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1. SITE IDENTIFICATION

1.1 Type	1.2 Site code	Back to top
B	AT1213000	

1.3 Site name

Pannonische Sanddünen

1.4 First Compilation date	1.5 Update date
1998-01	2023-11

1.6 Respondent:

Name/Organisation:	Amt der Niederösterreichischen Landesregierung, Abteilung Naturschutz
Address:	Niederösterreich Landhausplatz 1 3109 St. Pölten
Email:	post.ru5@noel.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:	1998-01
Date site confirmed as SCI:	2004-12
Date site designated as SAC:	2011-03
National legal reference of SAC designation:	Verordnung über die Europaschutzgebiete (LGBI. 5500/6)

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

Longitude	Latitude
16.7458	48.2972

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

2504.97

0.0

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code

Region Name

AT12	Niederösterreich
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2.6 Biogeographical Region(s)

Continental (100.0
%)

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
5130 			6.1	0	M	A	B	C	B
6240 			27.7	0	G	B	B	B	B
6260 			13.8	0	G	B	B	B	A
91F0 			2.0	0	M	C	C	B	C
91G0 			28.3	0	M	C	C	B	C
91I0 			15.4	0	G	B	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

[illegible]

M	1335	Spermophilus citellus			p	10	30	i	R	G	C	C	B	B
A	1993	Triturus dobrogicus			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)

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
P		Achillea pannonica						P			X			
P		Achillea setacea						P			X			
I		Ammophila terminata						R			X			
I		Andrena decipiens						R			X			
P		Armeria elongata						V			X			
P		Astragalus austriacus						V			X			
P		Astragalus exscapus						V			X			
P		Avenula pratensis						R			X			
P		Bassia laniflora						V			X			
I		Bembix tarsata						R			X			
P		Botrychium lunaria						V			X			
A	6997	Bufo viridis						R	X		X			
I		Calliptamus italicus						R			X			
P		Carex liparocarpos						C			X			
P		Carex supina						P			X			
I		Cerceris albofasciata						R			X			
P		Chamaecytisus austriacus						R			X			
R	1283	Coronella austriaca						P	X		X			
P		Cruciata pedemontana						V			X			
I		Decticus verrucivorus						R			X			
P		Dianthus pontederiae						R			X			
P		Dianthus serotinus						R			X			
I		Episyrus rufipes						R			X			
P		Equisetum ramosissimum						R			X			
P		Erysimum diffusum s. str.						R			X			
P		Festuca vaginata						V			X			
P		Festuca valesiaca s. str.						V			X			
P		Gagea pratensis						R			X			

P		Gagea pusilla						V			X			
P		Globularia punctata						R			X			
P		Gypsophila fastigiata						V			X			
P		Gypsophila paniculata						R			X			
I		Harpactus elegans						R			X			
P		Helichrysum arenarium						V			X			
P		Hieracium echiodes						R			X			
P		Inula ensifolia						R			X			
P		Jurinea mollis						V			X			
P		Koeleria glauca						V			X			
R	1261	Lacerta agilis						C	X		X			
P		Linum austriacum						V			X			
P		Linum tenuifolium						R			X			
P		Lotus borbasii						P			X			
P		Medicago minima						R			X			
P		Melampyrum arvense						P			X			
P		Minuartia glaucina						C			X			
I		Myrmeleotettix maculatus						R			X			
I		Nomioides minutissimus						R			X			
I		Nomioides variegatus						R			X			
P		Odontites luteus						R			X			
I		Omocestus haemorrhoidalis						C			X			
P		Ononis pusilla						V			X			
P		Orchis militaris						P			X			
P		Ornithogalum kochii						P			X			
P		Oxytropis pilosa						R			X			
I		Platycleis albopunctata						C			X			
I		Platycleis montana						R			X			
I		Prionyx kirbii						R			X			
P		Saxifraga tridactylites						R			X			
P		Scabiosa canescens						P			X			
P		Scorzonera purpurea						V			X			
I		Semanotus russicus						R			X			
P		Seseli osseum						V			X			
P		Silene otites						R			X			
I		Sphex rufocinctus						R			X			
I		Sphingonotus caerulans						R			X			
I		Stenobothrus nigromaculatus						R			X			
P		Tephroseris integrifolia						V			X			
I		Tettigonia caudata						R			X			
P		Thesium dollineri						V			X			
P		Thesium ramosum						V			X			
P		Thymelaea passerina						V			X			
P		Veronica verna						P			X			

P		Viola ambigua						R			X			
I	1053	Zerynthia polyxena						R	X		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
N12	4.4
N09	7.1
N10	1.2
N20	50.0
N23	0.2
N16	4.1
N27	3.6
N17	2.6
N15	25.7
N19	1.1
Total Habitat Cover	100.00000000000001

Other Site Characteristics

Im Marchfeld erreichen die riesigen mitteleurasischen Steppen über Gletscher- und Postglazialsand ihre Ostgrenze.

4.2 Quality and importance

Im Marchfeld (und in kleinen Gebieten des Burgenlandes) erreichen die riesigen zentral-eurasischen Steppen über Gletscher- und Postglazialsand ihre östliche Grenze. Mittlerweile ist dies das einzige Gebiet in Österreich mit Überresten sehr wichtiger Lebensräume für die hochspezialisierte Fauna und Flora der Sanddünen. Diese Lebensräume können und sollten durch geeignete Bewirtschaftungsmaßnahmen erhalten und erforderlichenfalls wiederhergestellt werden. Selbst wenn die Steppen durch Ackerland ersetzt wurden, stehen häufig noch geeignete Lebensräume für spezialisierte Organismen zur Verfügung, z. B. seltene Arten der Segetalflora oder Vögel wie Wachteln, Grauammern, Neuntöter oder Lerchen.

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	A02		i
L	C01.01		i
M	G02.01		i
H	A04.03		i
H	B01.02		i
H	A08		i
M	A09		i
M	D01.02		i
H	A07		b

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside /outside [i o b]
M	A03.02		i
M	A04.02		i

L	E01.01		i
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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

HOLZNER, W. et. al. (1986): Österreichischer Trockenrasenkatalog. Grüne Reihe des Bundesministerium für Gesundheit und Umweltschutz, Band 6, Wien.Umweltbundesamt (1993): Naturschutzgebiete Österreichs Band 1: Burgenland, Niederösterreich, Wien. Monographien Band 38a, Bundesministerium für Umwelt, Jugend und Familie.WIESBAUER, H. & K. MAZZUCCO (1997): Dünen in Niederösterreich, Fachbericht Nr. 6 /97 der NÖ Naturschutzabteilung, St. Pölten.ARGE BASISERHEBUNG (2012): Endbericht zum Projekt "Basiserhebung von Lebensraumtypen und Arten von gemeinschaftlicher Bedeutung". Bearbeitung Revital Integrative Naturraumplanung GmbH, freiland Umweltconsulting ZT GmbH, eb&p Umweltbüro GmbH, Z_GIS Zentrum für Geoinformatik. Im Auftrag der neun Bundesländer Österreichs. Lienz, Wien, Klagenfurt, Salzburg (unpublished).NATURSCHUTZBUND NÖ (2013): Basisdatenerhebung FFH-relevanter Amphibien- und Reptilienarten. Im Auftrag des Amt der NÖ Landesregierung, Abteilung Naturschutz, ELLMAUER, T. ET AL. (2020): Aktualisierung der Standarddatenbögen der 20 FFH-Gebiete Niederösterreichs. Im Auftrag des Amtes der NÖ Landesregierung, Abteilung Naturschutz.

5. SITE PROTECTION STATUS (optional)

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5.1 Designation types at national and regional level:

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
AT03	14.4				

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
AT03	Wacholderheide Obersiebenbrunn	+	1.4
AT03	Sandberge Oberweiden	+	5.1
AT03	Weikendorfer Remise	+	7.3
AT03	Windmühle	*	0.1
AT03	Lasse	+	0.1
AT03	Erdpresshöhe	+	0.2
AT03	Gerichtsberg	+	0.2

designated at international level:

Type	Site name	Type	Cover [%]
ramsar	Donau-March-Auen	*	3.4
biogenetic	Sandberge Oberweiden	+	5.1

5.3 Site designation (optional)

6. SITE MANAGEMENT

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6.1 Body(ies) responsible for the site management:

Organisation:	Amt der Niederösterreichischen Landesregierung, Abteilung Naturschutz
Address:	Niederösterreich Landhausplatz 1 St. Pölten
Email:	post.ru5@noel.gv.at

6.2 Management Plan(s):

An actual management plan does exist:

<input checked="" type="checkbox"/> Yes	Name: Nr. 13 Europaschutzgebiete „Pannonische Sanddünen" (FFH-Gebiet) und „Sandboden und Praterterrasse" (Vogelschutzgebiet) Link: http://www.noe.gv.at/noe/Naturschutz/Hauptregion_Weinviertel_-_Natura_2000.html
<input type="checkbox"/> No, but in preparation	
<input type="checkbox"/> No	

6.3 Conservation measures (optional)

Life-project "Pannonische Sanddünen" LIFE98NAT/A/5418

7. MAP OF THE SITES

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INSPIRE ID:

<https://data.inspire.gv.at/0046/03d595d8-8c77-4d02-8a3b-a9cea2313778/ps.ProtectedSite/0480a081-5dc3-43e8-9606-224f1b13>

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).

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