



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 IT3330008
SITENAME Relitti di Posidonia presso Grado

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code IT3330008	Back to top
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1.3 Site name

Relitti di Posidonia presso Grado

1.4 First Compilation date 2013-07	1.5 Update date 2019-12
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1.6 Respondent:

Name/Organisation: Regione Autonoma Friuli Venezia Giulia – Direzione centrale risorse agroalimentari, forestali e ittiche - Servizio biodiversità
Address: Via Sabbadini, 31 – 33100 Udine
Email: biodiversita@regione.fvg.it

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:	2013-07
Date site confirmed as SCI:	No data
Date site designated as SAC:	No data
National legal reference of SAC designation:	No data

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude 13.379182 **Latitude** 45.672066

2.2 Area [ha]: 0.97 **2.3 Marine area [%]** 100.0

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code ITD4	Region Name Friuli-Venezia Giulia
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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
1110			2.721		M	A	C	B	B
1120			0.4535		M	B	C	C	B
1170			5.8955		M	C	C	B	B

- **PF:** for the habitat types that can have a non-priority as well as a priority form (6210, 7130, 9430) enter "X" in the column PF to indicate the priority form.
- **NP:** in case that a habitat type no longer exists in the site enter: x (optional)
- **Cover:** decimal values can be entered
- **Caves:** for habitat types 8310, 8330 (caves) enter the number of caves if estimated surface is not available.
- **Data quality:** G = 'Good' (e.g. based on surveys); M = 'Moderate' (e.g. based on partial data with some extrapolation); P = 'Poor' (e.g. rough estimation)

3.2 Species referred to in Article 4 of Directive 2009/147/EC and listed in Annex II of Directive 92/43/EEC and site evaluation for them

Species					Population in the site						Site assessment			
G	Code	Scientific Name	S	NP	T	Size		Unit	Cat.	D. qual.	A B C D	A B C		
						Min	Max				Pop.	Con.	Iso.	Glo.
F	1103	Alosa fallax			c				P	DD	C	B	B	B
R	1224	Caretta caretta			c				P	DD	C	B	C	C
M	1349	Tursiops truncatus			c				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		Acetabularia acetabulum						V						X	
P		Acrosorium venulosum						R						X	
I		Aetea truncata						C						X	
P		Alsidium corallinum						C						X	
I		Aplysina aerophoba						C					X		
I		Calliostoma virescens						C				X			
P		Chroodactylon ornatum						R						X	
F		Conger conger						C						X	
P		Cymodocea nodosa						C					X		
F		Dicentrarchus labrax						R						X	
P		Dictyopteris polypodioides						C						X	
I		Didemnum coccineum						R						X	
I		Didemnum fulgens						C						X	
F		Diplodus annularis						C						X	
F		Diplodus puntazzo						R						X	
F		Diplodus vulgaris						C						X	

fitofila associata alle foglie di Posidonia di Grado è riferita al Myrionemo-Giraudietum sphacelarioidis Van der Ben, 1971, mentre quella sciafila associata ai rizomi è riferibile al Flabellio-Peyssonnelietum squamariae Molinier 1958. La biodiversità algale associata a Posidonia è relativamente elevata rispetto alle aree limitrofe (es. Laguna di Grado e Marano). Si rinvenivano inoltre specie animali e vegetali presenti solo in questo sito. I relitti di Posidonia oceanica presentano una estrema vulnerabilità sia a variazioni ambientali (modificazioni del ritmo di sedimentazione, variazioni climatiche) che a disturbi antropici quali pesca a strascico e uso di turbosoffianti per la pesca dei Molluschi eduli e bivalvi. Questi fattori, malgrado i substrati duri che caratterizzano le praterie, potrebbero portare ad una riduzione ed anche alla scomparsa di questi relitti di Posidonia.

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	F02.02		i
	F02.03		i

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

Rank: H = high, M = medium, L = low

Pollution: N = Nitrogen input, P = Phosphor/Phosphate input, A = Acid input/acidification,

T = toxic inorganic chemicals, O = toxic organic chemicals, X = Mixed pollutions

i = inside, o = outside, b = both

4.4 Ownership (optional)

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

4.5 Documentation

CAINER S., 1993-94. Indagine sulle praterie di Posidonia oceanica nel Golfo di Trieste. Tesi di laurea in Scienze Naturali (relatore: prof. G. Orel). GIACCONE G. & PIGNATTI S., 1967. Studi sulla produttività primaria del fitobenthos nel golfo di Trieste. La vegetazione del Golfo di Trieste. Nova Thalassia, 3(2):1-28. LAFURIE M., MATHIEU A., SALAUN J.P., NARBONNE J.F., GALGANI F., ROMEO M., MONOD J. & GARRIGUES PH., 1993. Biochemical markers in pollution assessment. Field studies along the north coast of the Mediterranean Sea. Map Tech. Rep. Ser., 71: 21-24. LAPINI L., DALL'ASTA A., DUBLO L., SPOTO M. & VERNIER E., 1996. Materiali per una teriofauna dell'Italia nord-orientale (Mammalia, Friuli-Venezia Giulia). Gortania, 17:149-248, Udine. OREL G., 1988. Aspetti della bionomia bentonica e della pesca del Golfo di Trieste con particolare riferimento ai fondali prospicienti il promontorio di Miramare. Hydrores, 5(6):57-70. RUGGIERO M. V., TURK R & PROCACCINI G (2002) Genetic identity and homozygosity in North-Adriatic populations of Posidonia oceanica: An ancient, post-glacial clone? Conservation Genetics 3: 71-74, 2002 STRAVISI F., 1976. Considerazioni statistiche sui valori medi mensili di 5 elementi meteorologici - Trieste 1841-1975. Istituto Sperimentale Talassografico Trieste. Pubbl. n° 529: pp. 53. STRAVISI F., 1977. Bora driven circulation in Northern Adriatic. Boll. Geofis. Teor. Appl., 19(73-74):95-102.

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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5.2 Relation of the described site with other sites:

5.3 Site designation (optional)

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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6.2 Management Plan(s):

An actual management plan does exist:

<input type="checkbox"/>	Yes
<input type="checkbox"/>	No, but in preparation
<input checked="" type="checkbox"/>	No

6.3 Conservation measures (optional)

DGR 1701/2019 del 04 ottobre 19 "LR 8/2007, art 10. Misure di conservazione dei siti marini del Friuli Venezia Giulia. Approvazione" pubblicato su I SUPPLEMENTO ORDINARIO N. 29 DEL 23 OTTOBRE 2019 AL BUR N. 43 DEL 23 OTTOBRE 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).

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