



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 IT3320033
SITENAME Bosco Boscat

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code IT3320033	Back to top
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1.3 Site name

Bosco Boscat

1.4 First Compilation date 1995-06	1.5 Update date 2012-05
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1.6 Respondent:

Name/Organisation:	Regione Autonoma Friuli Venezia Giulia – Direzione Centrale risorse rurali, agroalimentari e forestali – Servizio caccia, risorse ittiche e biodiversità
Address:	Via Sabbadini, 31 – 33100 Udine
Email:	s.caccia.pesca.amb.naturali@regione.fvg.it

Date site proposed as SCI:	1995-09
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

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2.1 Site-centre location [decimal degrees]:

Longitude

13.9828

Latitude

45.9658

2.2 Area [ha]:

72.0

2.3 Marine area [%]

0.0

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code

Region Name

ITD4

Friuli-Venezia Giulia





2.6 Biogeographical Region(s)

Continental (100.0
%)

3. ECOLOGICAL INFORMATION

3.1 Habitat types present on the site and assessment for them

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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 			4.98		G	C	C	C	C
7210 			0.06		G	D			
91L0 			52.5		G	A	C	B	B
92A0 			0.72		G	C	C	C	C

- **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.	Gl
B	A086	Accipiter nisus			p	1	1	p		G	D			
B	A229	Alcedo atthis			p				C		D			
B	A221	Asio otus			r				P		D			
I	1092	Austropotamobius pallipes			p				P	P	D			
A	1193	Bombina variegata			p				C	M	C	A	C	C
B	A021	Botaurus stellaris			w				R		D			
B	A087	Buteo buteo			p	2	2	p		G	D			
I	1071	Coenonympha oedippus			p				V	M	C	C	B	B
B	A236	Dryocopus martius			w				R		D			
B	A027	Egretta alba			w	8	17	i		G	C	B	C	C
B	A026	Egretta garzetta			w		2	i		G	D			
R	1220	Emys orbicularis			p				C	M	C	B	C	C
B	A099	Falco subbuteo			r	1	1	p		G	D			
B	A022	Ixobrychus minutus			r	1	1	p		G	D			
B	A338	Lanius collurio			r	2	2	p		G	D			
B	A176	Larus melanocephalus			w				V		D			
I	1083	Lucanus cervus			p				P	M	D			
I	1060	Lycaena dispar			p				P	P	D			
B	A073	Milvus migrans			r	1	1	p		G	D			
B	A072	Pernis apivorus			c				R		D			
A	1215	Rana latastei			p				C	M	C	A	C	C
A	1167	Triturus carnifex			p				C	M	C	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
M		Arvicola terrestris						C					X	X
I		Carabus granulatus ssp. interstitialis						P						X
I		Carabus italicus						P				X		
R	1283	Coronella austriaca						R	X				X	X
R	1281	Elaphe longissima						C	X				X	X
I		Gasterocercus depressirostris						P						X
I	1026	Helix pomatia						P		X			X	X
R	5670	Hierophis viridiflavus						C	X				X	X
A	5358	Hyla intermedia						C					X	X
F		Knipowitschia punctatissima										X		
R	1263	Lacerta viridis						C	X				X	X
M	1341	Muscardinus avellanarius						C	X		X		X	X
M	1358	Mustela putorius						R		X	X		X	X
R	1292	Natrix tessellata						C	X				X	X
M	2595	Neomys anomalus						C					X	X
R	1256	Podarcis muralis						C	X				X	X
A	1209	Rana dalmatina						C	X				X	X
A	1210	Rana esculenta						C		X			X	X
A	1207	Rana lessonae						C	X				X	X
R	5902	Vipera aspis francisciredi						C					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

4.1 General site character

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Habitat class	% Cover
N23	1.0
N16	85.0
N06	14.0
Total Habitat Cover	100

Other Site Characteristics

Il sito include un'area formata da suoli alluvionali con emergenza della falda freatica. Esso è ricoperto completamente da habitat boschivo costituito prevalentemente da carpino bianco e farnia. Vi è una significativa presenza di specie microterme tipiche di orizzonti superiori.

4.2 Quality and importance

Il sito include uno degli ultimi lembi di bosco della pianura friulano veneta, che si distingue fitogeograficamente da quelli della rimanente pianura padana per una maggiore presenza dell'elemento illirico-balcanico. Sotto il profilo ornitologico il sito è di notevole interesse non solo a livello regionale per la presenza di diverse specie, in modo particolare rapaci, non necessariamente di rilevanza comunitaria, nidificanti in ambiente boschivo nella bassa pianura coltivata in prossimità della laguna. Le popolazioni di *Vipera aspis* francisciredi sono qui considerate particolarmente importanti in quanto per lo più isolate. La fauna terricola a vertebrati è molto simile a quella degli altri boschi planiziali friulani dei Comuni di Muzzana e Carlino. Sul lato Ovest del Bosco Boscat sono però presenti grossi bacini lacustri artificiali ricchi di pesce che favoriscono la locale presenza di specie idrofile ed ittiofaghe (*Emys orbicularis*, *Natrix tessellata*). Nel bosco sono molto frequenti *Rana latastei*, *Emys orbicularis*, *Arvicola terrestris italicus*, *Neomys anomalus* e *Mustela putorius*, mentre sono segnalati *Lucanus cervus*, *Austropotamobius pallipes*, *Lycaena dispar* e *Coenonympha oedippus*. Merita segnalare il recente rinvenimento nel sito di *Gasterocercus depressirostris*, un Coleottero Curculionide saproxilico particolarmente raro.

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	I01		b
M	B02.04		b
H	F03.01		b
H	A01		o
H	G01.02		i
M	D01.01		l
H	E01.01		o
M	J02.07		b
M	A08		b
H	B02		i
H	F04		i
M	G05		i

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

H	D01.02		o
M	F02		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

4.5 Documentation

BALLETTO E., TOSO G., BARBERIS G., 1982. Le comunità di Lepidotteri Ropaloceri di alcuni ambienti relitti della Padania. C.N.R. Quaderni sulla "Struttura delle Zoocenosi terrestri".4. I boschi primari della Pianura padano-veneta, AQ/1/183: 45-67. BERNARDINELLI I., STERGULC F., BUIAN F.M., ZANDIGIACOMO P., 2003. *Gasterocercus depressirostris* in relict woods in North-eastern Italy: new records of a rare "primary forest" species (Coleoptera, Curculionidae). In: Dead wood: a key to biodiversity – Proceedings of the International Symposium, 29-31 May 2003 – Mantova (Italy): 96-97. BERNARDINELLI I., MOSSENTA M., 2009. Flight period of *Gasterocercus depressirostris* in relation to temperature in North-eastern Italy. *Bulletin of Insectology*, 62 (2): 209-213. BULGARINI F., CALVARIO E., FRATICELLI F., PETRETTI F. & SARROCCO S., 1999. Libro Rosso degli animali d'Italia. Vertebrati. WWf Italia ed., Roma: 1-210. DEL FAVERO R., POLDINI L., BORTOLI P.L., DREOSSI G., LASEN C., VANONE G., 1998. La vegetazione forestale e la selvicoltura nella regione Friuli-Venezia Giulia. Reg. Auton. Friuli-Venezia Giulia, Direz. Reg. delle Foreste, Servizio Selvicoltur 1 pp. 440, 2: 1- 303, I-LIII, 61 grafici, Udine. DREOSSI G., LASEN C. & VANONE G., 1998. La vegetazione forestale e la selvicoltura nella regione Friuli-Venezia Giulia. Reg. auton. Friuli-Venezia Giulia, Direz. Reg. Foreste - Serv. Selvicoltura, vol. 1: 490 pp., vol. 2: 1-303 + I-LIII + 61 grafici, Udine. GUSTIN M., BRAMBILLA M. & CELADA C. (a cura di), 2009. Valutazione dello stato di conservazione dell'avifauna italiana. Rapporto tecnico finale. LIPU. GUZZON C., CASADIO J. & GUZZON G., 2005 - Svernamento regolare di picchio nero *Dryocopus martius* nei boschi planiziali di Muzzana del Turignano (UD). *Avocetta*, 29:82. LAUSI D., 1966. Zur Klimax-Frage der friaulischen Ebene. *Mitt. Ostalpin-dinar. Pflanzensoziol. Arbeitsgem.*, 7:41-46. MARINCEK L., 1994. Zur nomenklatur der Hainbuchenwälder des Erythronio-Carpinion Simpozij - Pevalsek (Zagreb), 57-62. ORIOLO G., DEL FAVERO G., SIARDI E., DREOSSI G. F., VANONE G., 2010. Tipologie dei boschi ripariali e palustri in Friuli Venezia Giulia. Regione Autonoma Friuli Venezia Giulia. 95 pp. POLDINI L., VIDALI M., GANIS P., 2011. Riparian *Salix alba*: Scrubs of the Po lowland (N-Italy) from an European perspective. *Pl. Bios.* 145 (sup.1): 132-147 RUFFO S. & STOCH F. (Eds.), 2005. Checklist e distribuzione della fauna italiana. Mem. Mus. civ. St. Nat. Verona, II serie, Sez. Scienze della vita, 16. SBURLINO G., TOMASELLA M., ORIOLO G., POLDINI L., 2004 (2005). La vegetazione acquatica e palustre dell'Italia nord-orientale. 1 - La classe Lemnetaea Tüxen ex O. Bolòs et Masclans 1955, *Fitosociologia* 41(1): 27-42.

5. SITE PROTECTION STATUS (optional)

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5.1 Designation types at national and regional level:

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT00	100.0				

6. SITE MANAGEMENT

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6.1 Body(ies) responsible for the site management:

Organisation:	Regione Autonoma Friuli Venezia Giulia – Direzione Centrale risorse rurali, agroalimentari e forestali – Servizio caccia, risorse ittiche e biodiversità
Address:	Via Sabbadini, 31 – 33100 Udine
Email:	s.caccia.pesca.amb.naturali@regione.fvg.it

6.2 Management Plan(s):

An actual management plan does exist:

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- ☐

Yes
- ☒

No, but in preparation
- ☐

No

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).