



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 |
|----------------------|-----------------------------------|-----------------------------|

1.3 Site name

Bosco Boscat

| | |
|--|-----------------------------------|
| 1.4 First Compilation date 1995-06 | 1.5 Update date 2017-01 |
|--|-----------------------------------|

1.6 Respondent:

| | |
|---------------------------|---|
| Name/Organisation: | Regione Autonoma Friuli Venezia Giulia – Direzione Centrale Infrastrutture e Territorio - Servizio Paesaggio e Biodiversità |
| Address: | Via Sabbadini, 31 – 33100 Udine |
| Email: | paesaggio@regione.fvg.it |

| | |
|---|--|
| Date site proposed as SCI: | 1995-09 |
| Date site confirmed as SCI: | No data |
| Date site designated as SAC: | 2013-10 |
| National legal reference of SAC designation: | DM 21/10/2013 - G.U. 262 del 8-11-2013 |

2. SITE LOCATION

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2.1 Site-centre location [decimal degrees]:

Longitude

13.1661

Latitude

45.8325

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 f | | | 4.98 | | G | C | C | C | C |
| 7210 f | | | 0.06 | | G | D | | | |
| 91L0 f | | | 52.5 | | G | A | C | B | B |
| 92A0 f | | | 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 | DD | D | | | |
| B | A221 | Asio otus | | | r | | | | P | DD | D | | | |
| I | 1092 | Austropotamobius pallipes | | | p | | | | P | DD | D | | | |
| A | 1193 | Bombina variegata | | | p | | | | C | DD | C | A | C | C |
| B | A021 | Botaurus stellaris | | | w | | | | R | DD | D | | | |
| B | A087 | Buteo buteo | | | p | 2 | 2 | p | | G | D | | | |
| I | 1071 | Coenonympha oedippus | | | p | | | | V | DD | C | C | B | B |
| B | A236 | Dryocopus martius | | | w | | | | R | DD | D | | | |
| B | A027 | Egretta alba | | | w | 8 | 17 | i | | G | C | B | C | C |
| B | A026 | Egretta garzetta | | | w | 1 | 2 | i | | G | D | | | |
| R | 1220 | Emys orbicularis | | | p | | | | C | DD | 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 | DD | D | | | |
| I | 1083 | Lucanus cervus | | | p | | | | P | DD | D | | | |
| I | 1060 | Lycaena dispar | | | p | | | | P | DD | D | | | |
| B | A073 | Milvus migrans | | | r | 1 | 1 | p | | G | D | | | |
| B | A072 | Pernis apivorus | | | c | | | | R | DD | D | | | |
| A | 1215 | Rana latastei | | | p | | | | C | DD | C | A | C | C |
| A | 1167 | Triturus carnifex | | | p | | | | C | DD | 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 | | | | | | P | | | | 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 |
|----------------------------|------------|
| N16 | 85.0 |
| N23 | 1.0 |
| 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* franciscirei 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 | J02.07 | | b |
| H | F03.01 | | b |
| H | A01 | | o |
| M | I01 | | b |
| M | E01.01 | | o |
| M | G05 | | i |
| M | F02 | | b |
| H | D01.02 | | o |
| M | B02.04 | | b |
| H | F04 | | i |
| M | B02 | | i |
| H | G01.02 | | i |

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

| | | | |
|---|--------|--|---|
| M | D01.01 | | l |
| M | A08 | | 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., MOSENTA 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 Turgnano (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 - Pevalek (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 Lemnetea 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:

- Yes
 No, but in preparation
 No

6.3 Conservation measures (optional)

DGR 546 del 28.03.2013 "Misure di conservazione di 28 SIC della regione biogeografica continentale del Friuli Venezia Giulia" pubblicata sul I SUPPLEMENTO ORDINARIO N. 15 DEL 10 APRILE 2013 AL BUR N. 15 DEL 10 APRILE 2013 http://bur.regione.fvg.it/newbur/visionaBUR?bnum=2013/04/10/15_1

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).