

<p>Studio preliminare ambientale</p> <p><i>Centrale di Caorso - aggiornamento delle modalità di gestione dei rifiuti radioattivi e relativo stoccaggio provvisorio in sito</i></p> <p>ALLEGATO 3</p>	<p>ELABORATO NPVA00642</p> <p>REVISIONE 00</p>
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ALLEGATO 3

SCHEDE SITI NATURA 2000



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 **IT20A0016**
SITENAME **Spiaggioni di Spinadesco**

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1. SITE IDENTIFICATION

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1.1 Type B	1.2 Site code IT20A0016
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1.3 Site name

Spiaggioni di Spinadesco

1.4 First Compilation date 2006-04	1.5 Update date 2012-10
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1.6 Respondent:

Name/Organisation: Regione Lombardia Direzione Generale Sistemi Verdi e Paesaggio, U.O. Parchi e Rete Natura 2020, Struttura Valorizzazione delle aree protette e biodiversità
Address: Piazza Città di Lombardia 1, 20124 Milano
Email: sistemi_verdi_paesaggio@pec.regione.lombardia.it

Date site proposed as SCI:	2006-07
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

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2.1 Site-centre location [decimal degrees]:

Longitude

9.93638888888889

Latitude

45.1213888888889

2.2 Area [ha]:

825.0

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

ITC4	Lombardia
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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
3150B			1.13			C	C	B	B
3270B			9.12			B	C	B	B
91E0B			19.06			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

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.
B	A086	Accipiter nisus		w				P	DD	C	B	C	C
F	1100	Acipenser naccarii		c				P	DD	C	B	C	C
B	A298	Acrocephalus arundinaceus		c				P	DD	C	B	C	B
B	A296	Acrocephalus palustris		r				P	DD	C	B	C	C
B	A297	Acrocephalus scirpaceus		r				P	DD	C	B	C	C
B	A168	Actitis hypoleucos		p				P	DD	C	B	C	C
B	A168	Actitis hypoleucos		r				P	DD	C	B	C	C
B	A324	Aegithalos caudatus		p				P	DD	C	B	C	C
B	A324	Aegithalos caudatus		r				P	DD	C	B	C	C
B	A247	Alauda arvensis		r				P	DD	C	B	C	C
B	A247	Alauda arvensis		p				P	DD	C	B	C	C
B	A229	Alcedo atthis		r				P	DD	C	B	C	C
F	1103	Alosa fallax		c				P	DD	C	B	C	C
B	A054	Anas acuta		w				P	DD	C	B	C	C
B	A056	Anas clypeata		w				P	DD	C	B	C	C
B	A052	Anas crecca		w				P	DD	C	B	C	C
B	A050	Anas penelope		w				P	DD	C	B	C	C
B	A053	Anas platyrhynchos		w				P	DD	C	B	C	C
B	A055	Anas querquedula		c				P	DD	C	B	C	C
B	A051	Anas strepera		c				P	DD	C	B	C	C
B	A257	Anthus pratensis		w				P	DD	C	B	C	C
B	A259	Anthus spinoletta		w				P	DD	C	B	C	C
B	A256	Anthus trivialis		c				P	DD	C	B	C	C
B	A226	Apus apus		c				P	DD	C	B	C	C
B	A227	Apus pallidus		c				P	DD	C	B	C	C
B	A028	Ardea cinerea		p				P	DD	C	B	C	C
B	A028	Ardea cinerea		c				P	DD	C	B	C	C
B	A029	Ardea purpurea		c				P	DD	C	B	C	C
B	A169	Arenaria interpres		c				P	DD	C	B	C	C
B	A221	Asio otus		p				P	DD	C	B	C	C
B	A221	Asio otus		r				P	DD	C	B	C	C
B	A218	Athene noctua		p				P	DD	C	B	C	C
B	A218	Athene noctua		r				P	DD	C	B	C	C
B	A059	Aythya ferina		w				P	DD	C	B	C	C
B	A061	Aythya fuligula		w				P	DD	C	B	C	C
F	1138	Barbus meridionalis		p				P	DD	C	B	C	C

F	1137	Barbus plebejus			p				P	DD	C	B	C	C
B	A021	Botaurus stellaris			w				P	DD	C	B	C	C
B	A025	Bubulcus ibis			w				P	DD	C	B	C	C
B	A067	Bucephala clangula			w				R	DD	C	B	C	B
B	A133	Burhinus oedicnemus			r				P	DD	C	B	C	C
B	A087	Buteo buteo			w				P	DD	C	B	C	C
B	A149	Calidris alpina			c				P	DD	C	B	C	C
B	A145	Calidris minuta			c				P	DD	C	B	C	C
B	A224	Caprimulgus europaeus			r				P	DD	C	B	C	C
B	A366	Carduelis cannabina			w				P	DD	C	B	C	C
B	A364	Carduelis carduelis			p				P	DD	C	B	C	C
B	A364	Carduelis carduelis			r				P	DD	C	B	C	C
B	A363	Carduelis chloris			p				P	DD	C	B	C	C
B	A363	Carduelis chloris			r				P	DD	C	B	C	C
B	A365	Carduelis spinus			w				P	DD	C	B	C	C
I	1088	Cerambyx cerdo			p				P	DD	D			
B	A288	Cettia cetti			p				P	DD	C	B	C	C
B	A288	Cettia cetti			r				P	DD	C	B	C	C
B	A136	Charadrius dubius			r				P	DD	C	B	C	C
B	A137	Charadrius hiaticula			c				P	DD	C	B	C	B
B	A197	Chlidonias niger			c				P	DD	C	B	C	C
F	1115	Chondrostoma genei			p				P	DD	C	B	C	C
F	1140	Chondrostoma soetta			p				P	DD	C	B	C	C
B	A031	Ciconia ciconia			c				P	DD	C	B	C	C
B	A030	Ciconia nigra			c				P	DD	C	B	C	C
B	A081	Circus aeruginosus			c				P	DD	C	B	C	C
B	A082	Circus cyaneus			w				P	DD	C	B	C	C
B	A084	Circus pygargus			r				P	DD	C	B	C	C
B	A289	Cisticola juncidis			r				P	DD	C	B	C	C
B	A289	Cisticola juncidis			p				P	DD	C	B	C	C
F	1149	Cobitis taenia			p				P	DD	C	B	C	C
B	A207	Columba oenas			w				P	DD	C	B	C	C
B	A208	Columba palumbus			p				P	DD	C	B	C	C
B	A208	Columba palumbus			r				P	DD	C	B	C	C
B	A349	Corvus corone			p				P	DD	C	B	C	C

B	A349	Corvus corone		r			P	DD	C	B	C	C
B	A348	Corvus frugilegus		w			P	DD	C	B	C	C
B	A347	Corvus monedula		p			P	DD	C	B	C	C
B	A347	Corvus monedula		w			P	DD	C	B	C	C
B	A113	Coturnix coturnix		r			P	DD	C	B	C	C
B	A212	Cuculus canorus		r			P	DD	C	B	C	C
B	A253	Delichon urbica		r			P	DD	C	B	C	C
B	A237	Dendrocopos major		p			P	DD	C	B	C	C
B	A237	Dendrocopos major		r			P	DD	C	B	C	C
B	A027	Egretta alba		w			P	DD	C	B	C	C
B	A026	Egretta garzetta		p			P	DD	C	B	C	C
B	A026	Egretta garzetta		c			P	DD	C	B	C	C
B	A376	Emberiza citrinella		w			P	DD	C	B	C	C
B	A381	Emberiza schoeniclus		w			P	DD	C	B	C	C
B	A269	Erithacus rubecula		w			P	DD	C	B	C	C
B	A098	Falco columbarius		w			P	DD	C	B	C	C
B	A103	Falco peregrinus		w			P	DD	C	B	C	C
B	A099	Falco subbuteo		r			P	DD	C	B	C	C
B	A096	Falco tinnunculus		p			P	DD	C	B	C	C
B	A096	Falco tinnunculus		r			P	DD	C	B	C	C
B	A097	Falco vespertinus		c			P	DD	C	B	C	C
B	A322	Ficedula hypoleuca		c			P	DD	C	B	C	C
B	A359	Fringilla coelebs		p			P	DD	C	B	C	C
B	A359	Fringilla coelebs		r			P	DD	C	B	C	C
B	A360	Fringilla montifringilla		w			P	DD	C	B	C	C
B	A125	Fulica atra		w			P	DD	C	B	C	C
B	A244	Galerida cristata		p			P	DD	C	B	C	C
B	A244	Galerida cristata		r			P	DD	C	B	C	C
B	A153	Gallinago gallinago		w			P	DD	C	B	C	C
B	A123	Gallinula chloropus		r			P	DD	C	B	C	C
B	A123	Gallinula chloropus		p			P	DD	C	B	C	C
B	A342	Garrulus glandarius		r			P	DD	C	B	C	C
B	A342	Garrulus glandarius		p			P	DD	C	B	C	C

B	A336	pendulinus			r				P	DD	C	B	C	C
B	A249	Riparia riparia			r				P	DD	C	B	C	C
F	1114	Rutilus pigus			p				P	DD	C	B	C	C
F	1136	Rutilus rubilio			p				P	DD	C	B	C	C
B	A276	Saxicola torquata			r				P	DD	C	B	C	C
B	A276	Saxicola torquata			p				P	DD	C	B	C	C
B	A155	Scolopax rusticola			w				P	DD	C	B	C	C
B	A361	Serinus serinus			p				P	DD	C	B	C	C
B	A361	Serinus serinus			r				P	DD	C	B	C	C
B	A195	Sterna albifrons			r				P	DD	C	B	C	C
B	A193	Sterna hirundo			r				P	DD	C	B	C	C
B	A209	Streptopelia decaocto			p				P	DD	C	B	C	C
B	A210	Streptopelia turtur			r				P	DD	C	B	C	C
B	A219	Strix aluco			r				P	DD	C	B	C	C
B	A219	Strix aluco			p				P	DD	C	B	C	C
B	A351	Sturnus vulgaris			p				P	DD	C	B	C	C
B	A351	Sturnus vulgaris			r				P	DD	C	B	C	C
B	A311	Sylvia atricapilla			r				P	DD	C	B	C	C
B	A310	Sylvia borin			c				P	DD	C	B	C	C
B	A309	Sylvia communis			r				P	DD	C	B	C	C
B	A308	Sylvia curruca			c				P	DD	C	B	C	C
B	A004	Tachybaptus ruficollis			w				P	DD	C	B	C	C
B	A161	Tringa erythropus			c				P	DD	C	B	C	C
B	A166	Tringa glareola			c				P	DD	C	B	C	C
B	A164	Tringa nebularia			c				P	DD	C	B	C	C
B	A165	Tringa ochropus			c				P	DD	C	B	C	C
B	A165	Tringa ochropus			p				P	DD	C	B	C	C
B	A163	Tringa stagnatilis			c				R	DD	C	B	C	B
B	A162	Tringa totanus			c				P	DD	C	B	C	C
A	1167	Triturus carnifex			p				P	DD	C	B	C	C
B	A265	Trogodytes troglodytes			w				P	DD	C	B	C	C
B	A286	Turdus iliacus			w				P	DD	C	B	C	C
B	A283	Turdus merula			p				P	DD	C	B	C	C
B	A283	Turdus merula			r				P	DD	C	B	C	C
B	A285	Turdus philomelos			w				P	DD	C	B	C	C
B	A284	Turdus pilaris			w				P	DD	C	B	C	C

B	A213	Tyto alba			r				P	DD	C	B	C	C
B	A213	Tyto alba			p				P	DD	C	B	C	C
B	A232	Upupa epops			r				P	DD	C	B	C	C
B	A142	Vanellus vanellus			w				P	DD	C	B	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
F		Alburnus alburnus alborella						P							X
P		Anemone nemorosa						P							X
P		Anemone ranunculoides						P							X
F		Anguilla anguilla						P							X
R		Anguis fragilis						P							X
P		Apium nodiflorum nodiflorum						P							X
M		Apodemus sylvaticus						P							X
M		Arvicola terrestris						P					X		
A		Bufo bufo						P							X
A	1201	Bufo viridis						P	X						
P		Callitriche obtusangula						P							X
P		Callitriche stagnalis						P							X
P		Ceratophyllum demersum						P							X
M		Clethrionomys glareolus						P							X
P		Convallaria majalis						P							X
M		Crocidura leucodon						P							X
M		Crocidura suaveolens						P					X		
M	1327	Eptesicus serotinus						P	X						

P		trichophyllus								P												X	
P		Rumex hydrolapathum								P													X
F		Scardinius erythrophthalmus								P													X
M		Sorex araneus								P													X
M		Sorex minutus								P												X	
P		Spirodela polyrrhiza								P													X
M		Suncus etruscus								P												X	
M		Talpa europaea								P													X
F		Tinca tinca								P													X
A		Triturus vulgaris								P													X
P		Typha latifolia								P													X
I	1033	Unio elongatulus								P		X											
M		Vulpes vulpes								P													X
I	1053	Zerynthia polyxena								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
N06	25.0
N15	15.0
N07	15.0
N16	15.0
N20	30.0
Total Habitat Cover	100

Other Site Characteristics

Si tratta di un settore dell'alveo del Po a valle di uno sbarramento idroelettrico, in cui confluisce il fiume Adda. La qualità delle acque in questo tratto è relativamente migliore che nella restante parte del fiume. Gli imponenti depositi alluvionali costituiscono isole e spiaggioni che possono includere bracci secondari con acque ferme a diverse profondità. L'ambito è ricercato dalla fauna ornitica, soprattutto nei periodi migratori."

4.2 Quality and importance

Il sito costituisce uno dei pochi settori del tratto, lombardo del principale fiume italiano, poco alterato. Huso huso, benché specie localmente estinta, è da considerarsi potenzialmente presente in quanto presenta ampi margini di successo per una futura reintroduzione. Le espressioni naturalistiche assumono

dimensioni ragguardevoli (soprattutto le ampie spiagge fluviali) che rivestono un elevato valore paesaggistico. ?

4.4 Ownership (optional)

Type	[%]	
Public	National/Federal	0
	State/Province	0
	Local/Municipal	0
	Any Public	50
Joint or Co-Ownership	0	
Private	0	
Unknown	50	
sum	100	

5. SITE PROTECTION STATUS (optional)

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5.1 Designation types at national and regional level:

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT07	100.0				

6. SITE MANAGEMENT

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6.1 Body(ies) responsible for the site management:

Organisation:	Provincia di Cremona
Address:	Via Dante, 134/136 26100 – Cremona (CR)
Email:	agricoltura.ambiente@provincia.cremona.it

6.2 Management Plan(s):

An actual management plan does exist:

<input checked="" type="checkbox"/>	Yes	Name: IT20A0016 - IT20A0501 SPIAGGIONI DI SPINADESCO Link: http://www.natura2000.servizirl.it/
<input type="checkbox"/>	No, but in preparation	
<input type="checkbox"/>	No	

6.3 Conservation measures (optional)

IT20A0016 - IT20A0501 SPIAGGIONI DI SPINADESCO

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).

161-IIISO 160-IISE 160-IINE 1:25000 UTM



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 **IT20A0501**
SITENAME **Spinadesco**

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1. SITE IDENTIFICATION

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1.1 Type A	1.2 Site code IT20A0501
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1.3 Site name

Spinadesco

1.4 First Compilation date 2005-05	1.5 Update date 2012-10
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1.6 Respondent:

Name/Organisation:	Regione Lombardia Direzione Generale Sistemi Verdi e Paesaggio, U.O. Parchi e Rete Natura 2020, Struttura Valorizzazione delle aree protette e biodiversità
Address:	Piazza Città di Lombardia 1, 20124 Milano
Email:	sistemi_verdi_paesaggio@pec.regione.lombardia.it

1.7 Site indication and designation / classification dates

Date site classified as SPA:	2005-04
National legal reference of SPA designation	D.G.R. 21233/2005

2. SITE LOCATION

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2.1 Site-centre location [decimal degrees]:

Longitude

9.93027777777778

Latitude

45.12194444444445

2.2 Area [ha]:

1039.0

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

ITC4	Lombardia
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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
3150B			1.13			B	C	B	B
3270B			9.16			D			
91E0B			19.14			B	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.	Glo.
B	A086	Accipiter nisus		r				R	DD	C	B	C	B
B	A086	Accipiter nisus		w				R	DD	C	B	C	B
B	A086	Accipiter nisus		c				P	DD	C	B	C	B
F	1100	Acipenser naccarii		p				P	DD	B	B	C	B
B	A298	Acrocephalus arundinaceus		c				P	DD	C	B	C	B
B	A296	Acrocephalus palustris		c				P	DD	C	B	C	B
B	A296	Acrocephalus palustris		r				R	DD	C	B	C	B
B	A297	Acrocephalus scirpaceus		c				P	DD	C	B	C	B
B	A168	Actitis hypoleucos		c				P	DD	C	B	C	B
B	A168	Actitis hypoleucos		r				C	DD	C	B	C	B
B	A229	Alcedo atthis		p				C	DD	C	B	C	B
F	1103	Alosa fallax		r				R	DD	C	B	B	B
B	A054	Anas acuta		c				P	DD	C	B	C	B
B	A054	Anas acuta		w				R	DD	C	B	C	B
B	A056	Anas clypeata		w				R	DD	C	B	C	B
B	A052	Anas crecca		w				C	DD	C	B	C	B
B	A052	Anas crecca		c				C	DD	C	B	C	B
B	A050	Anas penelope		w				R	DD	C	B	C	B
B	A050	Anas penelope		c				P	DD	C	B	C	B
B	A053	Anas platyrhynchos		w				C	DD	C	B	C	B
B	A053	Anas platyrhynchos		r				C	DD	C	B	C	B
B	A053	Anas platyrhynchos		c				C	DD	C	B	C	B
B	A055	Anas querquedula		c				R	DD	C	B	C	B
B	A257	Anthus pratensis		w				C	DD	C	B	C	B
B	A257	Anthus pratensis		c				P	DD	C	B	C	B
B	A259	Anthus spinoletta		c				P	DD	C	B	C	B
B	A259	Anthus spinoletta		w				R	DD	C	B	C	B
B	A028	Ardea cinerea		w				C	DD	C	C	C	B
B	A028	Ardea cinerea		c				C	DD	C	C	C	B
B	A218	Athene noctua		p				C	DD	C	B	C	B
B	A059	Aythya ferina		w				R	DD	C	B	C	B
B	A059	Aythya ferina		c				P	DD	C	B	C	B
B	A061	Aythya fuligula		c				P	DD	C	B	C	B
B	A061	Aythya fuligula		w				R	DD	C	B	C	B
F	1138	Barbus meridionalis		p				V	DD	C	B	C	C
F	1137	Barbus plebejus		p				P	DD	C	B	C	B

B	A361	serinus			c				R	DD	C	B	C	B
B	A195	Sterna albifrons			r				C	DD	C	B	C	B
B	A195	Sterna albifrons			c				P	DD	C	B	C	B
B	A193	Sterna hirundo			c				P	DD	C	B	C	B
B	A193	Sterna hirundo			r				C	DD	C	B	C	B
B	A311	Sylvia atricapilla			r				C	DD	C	B	C	B
B	A311	Sylvia atricapilla			c				C	DD	C	B	C	B
B	A311	Sylvia atricapilla			w				R	DD	C	B	C	B
B	A310	Sylvia borin			c				C	DD	C	B	C	B
B	A309	Sylvia communis			r				C	DD	C	B	C	B
B	A309	Sylvia communis			c				P	DD	C	B	C	B
B	A308	Sylvia curruca			c				P	DD	C	B	C	B
B	A004	Tachybaptus ruficollis			r				R	DD	C	B	C	B
B	A004	Tachybaptus ruficollis			w				C	DD	C	B	C	B
B	A161	Tringa erythropus			c				P	DD	C	B	C	B
B	A166	Tringa glareola			c				R	DD	C	B	C	B
B	A164	Tringa nebularia			c				R	DD	C	B	C	B
B	A165	Tringa ochropus			w				R	DD	C	B	C	B
B	A165	Tringa ochropus			c				R	DD	C	B	C	B
B	A163	Tringa stagnatilis			c				R	DD	C	B	C	B
B	A162	Tringa totanus			c				R	DD	C	B	C	B
B	A265	Troglodytes troglodytes			w				C	DD	C	B	C	B
B	A265	Troglodytes troglodytes			r				R	DD	C	B	C	B
B	A265	Troglodytes troglodytes			c				C	DD	C	B	C	B
B	A283	Turdus merula			c				C	DD	C	B	C	B
B	A283	Turdus merula			r				C	DD	C	B	C	B
B	A283	Turdus merula			w				C	DD	C	B	C	B
B	A142	Vanellus vanellus			c				C	DD	C	B	C	B
B	A142	Vanellus vanellus			w				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

M		minutus						P			X			
M	1341	Muscardinus avellanarius						P	X					
M		Mustela nivalis						P				X		
M	1358	Mustela putorius						P		X				
P		Myosotis scorpioides scorpioides						P						X
M	1314	Myotis daubentoni						P	X					
P		Nasturtium officinale officinale						P						X
R		Natrix natrix						P				X		
M		Neomys fodiens						P				X		
P		Nuphar lutea						P						X
F		Padogobius martensii						P						X
F		Perca fluviatilis						P			X			
M	2016	Pipistrellus kuhli						P	X					
M	1309	Pipistrellus pipistrellus						P	X					
M	1326	Plecotus auritus						P	X					
R	1256	Podarcis muralis						P	X					
P		Ranunculus fluitans						P						X
P		Ranunculus lingua						P						X
P		Ranunculus trichophyllus						P						X
P		Rumex hydrolapathum						P						X
M		Sorex araneus						P				X		
M		Sorex minutus						P				X		
M		Suncus etruscus						P				X		
P		Typha latifolia						P						X
I	1033	Unio elongatulus						P		X				
I	1053	Zerynthia polyxena						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
N22	5.0
N16	6.0
N06	18.0
N15	23.0
N20	30.0
N08	14.0
N14	2.0
N23	2.0
Total Habitat Cover	100

Other Site Characteristics

Non si evidenziano altre caratteristiche nel sito

4.2 Quality and importance

Tratto di golena fluviale che racchiude lembi di vegetazione naturale relitta. Molte sono le specie di uccelli che utilizzano l'area per la nidificazione o come area di sosta. Huso huso, benché specie localmente estinta, è da considerarsi potenzialmente presente in quanto presenta ampi margini di successo per una futura reintroduzione

4.5 Documentation

"Atlante degli Anfibi e dei Rettili della Lombardia - F. Bernini, L. Bonini, V. Ferri, A. Gentili, E. Mazzetti & S. Scali, 2004, ?Monografie di Pianura? n.5, Provincia di Cremona, Cremona. Rapporto sullo stato di conservazione della fauna selvatica (uccelli e mammiferi) in Lombardia - V. Vigorita, M. Fasola, R. Massa, G. Tosi, 2003, Regione Lombardia-Università degli Studi dell'Insubria-Università degli Studi di Pavia-Università degli Studi di Milano-Bicocca. Atlante degli uccelli nidificanti in Lombardia - P. Brichetti & M. Fasola (eds), 1990, Editoriale Ramperto. Atlante degli uccelli svernanti in Lombardia - L. Fornasari, L. Bottoni, R. Massa, M. Fasola, P. Brichetti & V. Vigorita (eds), 1992., Regione Lombardia ? Università degli Studi di Milano La fauna dei Parchi lombardi - Fornasari L. & Villa M. (eds), 2001. CD-Rom. Regione Lombardia Foreste e biodiversità faunistica in Lombardia ? Monitoraggio e conservazione della fauna forestale (Galliformi e Mammiferi) - G. Tosi, A. Martinoli, D. Preatoni, B. Cerabolini & V. Vigorita (eds), 2003. Regione Lombardia. Atlante dei Mammiferi della Lombardia - C. Prigioni, M. Cantini & A. Zilio (eds), 2001. Regione Lombardia & Università degli Studi di Pavia. Fauna italiana inclusa nella Direttiva Habitat - S. D'Antoni, E. Duprè, S. La Posta & P. Verucci (eds), 2003, Ministero dell'Ambiente e della Tutela del Territorio."

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:	Provincia di Cremona
Address:	Via Dante, 134/136 26100 – Cremona (CR)
Email:	agricoltura.ambiente@provincia.cremona.it

6.2 Management Plan(s):

An actual management plan does exist:

<input checked="" type="checkbox"/> Yes	Name: IT20A0016 - IT20A0501 SPIAGGIONI DI SPINADESCO Link: http://www.natura2000.servizirl.it/
<input type="checkbox"/> No, but in preparation	
<input type="checkbox"/> No	

6.3 Conservation measures (optional)

IT20A0016 - IT20A0501 SPIAGGIONI DI SPINADESCO

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).

F. 143 1:25000 Gauss-Boaga



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 **IT2090503**
SITENAME **Castelnuovo Bocca d'Adda**

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- [1. SITE IDENTIFICATION](#)
- [2. SITE LOCATION](#)
- [3. ECOLOGICAL INFORMATION](#)
- [4. SITE DESCRIPTION](#)
- [5. SITE PROTECTION STATUS AND RELATION WITH CORINE BIOTOPES](#)
- [6. IMPACTS AND ACTIVITIES IN AND AROUND THE SITE](#)
- [7. MAP OF THE SITE](#)

1. SITE IDENTIFICATION

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1.1 Type A	1.2 Site code IT2090503
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1.3 Site name

Castelnuovo Bocca d'Adda

1.4 First Compilation date 2005-05	1.5 Update date 2012-10
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1.6 Respondent:

Name/Organisation: Regione Lombardia Direzione Generale Sistemi Verdi e Paesaggio, U.O. Parchi e Rete Natura 2020, Struttura Valorizzazione delle aree protette e biodiversità
Address: Piazza Città di Lombardia 1, 20124 Milano
Email: sistemi_verdi_paesaggio@pec.regione.lombardia.it

1.7 Site indication and designation / classification dates

Date site classified as SPA:	2005-04
National legal reference of SPA designation	D.G.R. 21233/2005

2. SITE LOCATION

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2.1 Site-centre location [decimal degrees]:

Longitude

9.89972222222222

Latitude

45.0911111111111

2.2 Area [ha]:

165.0

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

ITC4	Lombardia
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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
3150B			1.65			B	C	B	B
3260B			33.0			B	C	B	B
91E0B			3.3			B	C	B	B
91F0B			1.65			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

Species	Population in the site	Site assessment

G	Code	Scientific Name	S	NP	T	Size		Unit	Cat.	D.qual.	A B C D			
						Min	Max				Pop.	Con.	Iso.	Glo.
B	A086	Accipiter nisus			p				R	DD	C	B	C	B
B	A086	Accipiter nisus			r				R	DD	C	B	C	B
B	A086	Accipiter nisus			w				R	DD	C	B	C	B
F	1100	Acipenser naccarii			p				P	DD	B	B	C	B
B	A298	Acrocephalus arundinaceus			r				P	DD	C	B	C	B
B	A296	Acrocephalus palustris			p				C	DD	C	B	C	B
B	A297	Acrocephalus scirpaceus			r				R	DD	C	B	C	B
B	A297	Acrocephalus scirpaceus			c				P	DD	C	B	C	B
B	A168	Actitis hypoleucos			r				C	DD	C	B	C	B
B	A168	Actitis hypoleucos			c				P	DD	C	B	C	B
B	A229	Alcedo atthis			p				C	DD	C	B	C	B
F	1103	Alosa fallax			p				R	DD	C	B	B	B
B	A054	Anas acuta			c				P	DD	C	B	C	B
B	A054	Anas acuta			w				R	DD	C	B	C	B
B	A056	Anas clypeata			w				R	DD	C	B	C	B
B	A056	Anas clypeata			c				R	DD	C	B	C	B
B	A052	Anas crecca			c				C	DD	C	B	C	B
B	A052	Anas crecca			w				C	DD	C	B	C	B
B	A050	Anas penelope			c				P	DD	C	B	C	B
B	A050	Anas penelope			w				R	DD	C	B	C	B
B	A053	Anas platyrhynchos			r				C	DD	C	B	C	B
B	A053	Anas platyrhynchos			w				C	DD	C	B	C	B
B	A053	Anas platyrhynchos			p				P	DD	C	B	C	B
B	A053	Anas platyrhynchos			c				C	DD	C	B	C	B
B	A055	Anas querquedula			c				R	DD	C	B	C	B
B	A041	Anser albifrons			c				V	DD	D			
B	A043	Anser anser			c				V	DD	D			
B	A039	Anser fabalis			c				V	DD	D			
B	A257	Anthus pratensis			w				C	DD	C	B	C	B
B	A259	Anthus spinoletta			w				C	DD	C	B	C	B
B	A028	Ardea cinerea			w				C	DD	C	C	C	B
B	A028	Ardea cinerea			c				C	DD	C	C	C	B
B	A028	Ardea cinerea			p				P	DD	C	C	C	B
B	A218	Athene noctua			p				C	DD	C	B	C	B
B	A059	Aythya ferina			c				P	DD	C	B	C	B
B	A059	Aythya ferina			w				R	DD	C	B	C	B

B	A026	garzetta			w				C	DD	C	B	C	B
B	A026	Egretta garzetta			c				C	DD	C	B	C	B
B	A269	Erithacus rubecula			c				C	DD	C	B	C	B
B	A269	Erithacus rubecula			w				C	DD	C	B	C	B
B	A098	Falco columbarius			w				P	DD	C	B	C	B
B	A103	Falco peregrinus			w				R	DD	C	B	C	B
B	A099	Falco subbuteo			r				P	DD	C	B	C	B
B	A096	Falco tinnunculus			p				P	DD	C	B	C	B
B	A096	Falco tinnunculus			c				P	DD	C	B	C	B
B	A096	Falco tinnunculus			w				R	DD	C	B	C	B
B	A096	Falco tinnunculus			r				P	DD	C	B	C	B
B	A097	Falco vespertinus			c				C	DD	C	B	C	B
B	A322	Ficedula hypoleuca			c				R	DD	C	B	C	B
B	A125	Fulica atra			p				P	DD	C	B	C	B
B	A125	Fulica atra			w				C	DD	C	B	C	B
B	A125	Fulica atra			r				C	DD	C	B	C	B
B	A125	Fulica atra			c				C	DD	C	B	C	B
B	A244	Galerida cristata			p				R	DD	C	B	C	B
B	A153	Gallinago gallinago			c				R	DD	C	B	C	B
B	A153	Gallinago gallinago			w				R	DD	C	B	C	B
B	A123	Gallinula chloropus			p				C	DD	C	B	C	B
B	A300	Hippolais polyglotta			r				P	DD	C	B	C	B
B	A022	Ixobrychus minutus			r				P	DD	C	B	C	C
B	A022	Ixobrychus minutus			c				P	DD	C	B	C	C
B	A338	Lanius collurio			r				R	DD	C	B	C	B
B	A338	Lanius collurio			c				R	DD	C	B	C	B
B	A459	Larus cachinnans			w				R	DD	C	B	C	B
B	A182	Larus canus			w				R	DD	C	B	C	B
B	A179	Larus ridibundus			w				C	DD	C	B	C	B
B	A271	Luscinia megarhynchos			w				C	DD	C	B	C	B
B	A271	Luscinia megarhynchos			c				C	DD	C	B	C	B
B	A230	Merops apiaster			r				C	DD	C	B	C	B
B	A383	Miliaria calandra			w				R	DD	C	B	C	B
B	A383	Miliaria calandra			r				R	DD	C	B	C	B
B	A262	Motacilla alba			w				P	DD	C	B	C	B

B	A249			r				P	DD	C	B	C	B
F	1114	Rutilus pigus		p				P	DD	C	B	C	B
F	1991	Sabanejewia larvata		p				P	DD	B	B	B	A
B	A276	Saxicola torquata		c				C	DD	C	B	C	B
B	A276	Saxicola torquata		r				C	DD	C	B	C	B
B	A361	Serinus serinus		w				R	DD	C	B	C	B
B	A361	Serinus serinus		c				R	DD	C	B	C	B
B	A195	Sterna albifrons		r				P	DD	C	B	C	B
B	A195	Sterna albifrons		c				P	DD	C	B	C	B
B	A193	Sterna hirundo		r				C	DD	C	B	C	B
B	A193	Sterna hirundo		c				P	DD	C	B	C	B
B	A311	Sylvia atricapilla		c				C	DD	C	B	C	B
B	A310	Sylvia borin		c				P	DD	C	B	C	B
B	A310	Sylvia borin		r				C	DD	C	B	C	B
B	A309	Sylvia communis		c				P	DD	C	B	C	B
B	A308	Sylvia curruca		c				R	DD	C	B	C	B
B	A308	Sylvia curruca		r				C	DD	C	B	C	B
B	A004	Tachybaptus ruficollis		w				C	DD	C	B	C	B
B	A004	Tachybaptus ruficollis		r				R	DD	C	B	C	B
B	A161	Tringa erythropus		c				P	DD	C	B	C	B
B	A166	Tringa glareola		c				R	DD	C	B	C	B
B	A164	Tringa nebularia		c				R	DD	C	B	C	B
B	A165	Tringa ochropus		c				R	DD	C	B	C	B
B	A165	Tringa ochropus		w				R	DD	C	B	C	B
B	A163	Tringa stagnatilis		c				R	DD	C	B	C	B
B	A162	Tringa totanus		c				R	DD	C	B	C	B
B	A265	Troglodytes troglodytes		r				C	DD	C	B	C	B
B	A265	Troglodytes troglodytes		w				C	DD	C	B	C	B
B	A283	Turdus merula		r				R	DD	C	B	C	B
B	A283	Turdus merula		c				P	DD	C	B	C	B
B	A142	Vanellus vanellus		w				C	DD	C	B	C	B
B	A142	Vanellus vanellus		c				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
P		Anemone nemorosa						P							X
P		Apium nodiflorum nodiflorum						P							X
A	1201	Bufo viridis						P	X						
P		Callitriche obtusangula						P							X
P		Callitriche stagnalis						P							X
P		Ceratophyllum demersum						P							X
M		Crocidura leucodon						P					X		
M		Crocidura suaveolens						P					X		
M	1327	Eptesicus serotinus						P	X						
M		Erinaceus europaeus						P					X		
F		Esox lucius						P			X				
F		Gobio gobio						P			X				
I	1026	Helix pomatia						P		X					
R		Hierophis viridiflavus						P					X		
A		Hyla intermedia						P			X				
M		Hypsugo savii						P			X				
P		Iris pseudacorus						P							X
R		Lacerta bilineata						P					X		
M		Martes foina						P					X		
M		Meles meles						P					X		
M		Micromys minutus						P			X				
M	1341	Muscardinus avellanarius						P	X						
M		Mustela nivalis						P					X		
M	1358	Mustela putorius						P		X					
P		Myosotis scorpioides						P							X

		scorpioides											
M	1314	Myotis daubentoni					P	X					
P		Nasturtium officinale officinale					P						X
R		Natrix natrix					P					X	
M		Neomys fodiens					P					X	
P		Nuphar lutea					P						X
F		Perca fluviatilis					P			X			
M	2016	Pipistrellus kuhli					P	X					
M	1309	Pipistrellus pipistrellus					P	X					
M		Plecotus sp.					P			X			
R	1256	Podarcis muralis					P	X					
P		Polygonatum multiflorum					P						X
P		Ranunculus fluitans					P						X
P		Ranunculus lingua					P						X
P		Ranunculus trichophyllus					P						X
P		Rumex hydrolapathum					P						X
M		Sorex araneus					P					X	
M		Sorex minutus					P					X	
M		Suncus etruscus					P					X	
F		Tinca tinca					P						X
P		Typha latifolia					P						X
I	1033	Unio elongatulus					P		X				
I	1053	Zerynthia polyxena					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

4.1 General site character

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Habitat class	% Cover
N16	6.0

N14	2.0
N08	1.0
N06	70.0
N15	10.0
N22	5.0
N20	6.0
Total Habitat Cover	100

Other Site Characteristics

Non si evidenziano altre caratteristiche nel sito

4.2 Quality and importance

Area costituita da un'ansa del fiume Po. Numerose sono le specie nidificanti tipiche delle aree umide, ma il fenomeno di maggior rilievo è costituito dalla sosta di un gran numero di uccelli, tra cui le specie tipiche degli ambienti umidi e numerosissimi Passeriformi migratori. Buona la presenza dell'erpeto fauna anche se non è stata accertata la presenza di specie di rilievo. L'ittiofauna al contrario conta verosimilmente diverse specie di interesse comunitario.

4.4 Ownership (optional)

Type	[%]	
Public	National/Federal	0
	State/Province	0
	Local/Municipal	0
	Any Public	85
Joint or Co-Ownership	0	
Private	15	
Unknown	0	
sum	100	

4.5 Documentation

- Atlante degli Anfibi e dei Rettili della Lombardia - F. Bernini, L. Bonini, V. Ferri, A. Gentili, E. Mazzetti & S. Scali, 2004, "Monografie di Pianura" n.5, Provincia di Cremona, Cremona. - Rapporto sullo stato di conservazione della fauna selvatica (uccelli e mammiferi) in Lombardia - V. Vigorita, M. Fasola, R. Massa, G. Tosi, 2003, Regione Lombardia-Università degli Studi dell'Insubria-Università degli Studi di Pavia-Università degli Studi di Milano-Bicocca. - Atlante degli uccelli nidificanti in Lombardia - P. Bricchetti & M. Fasola (eds), 1990, Editoriale Ramperto. - Atlante degli uccelli svernanti in Lombardia - L. Fornasari, L. Bottoni, R. Massa, M. Fasola, P. Bricchetti & V. Vigorita (eds), 1992., Regione Lombardia - Università degli Studi di Milano - La fauna dei Parchi lombardi - Fornasari L. & Villa M. (eds), 2001. CD-Rom. Regione Lombardia - Foreste e biodiversità faunistica in Lombardia - Monitoraggio e conservazione della fauna forestale (Galliformi e Mammiferi) - G. Tosi, A. Martinoli, D. Preatoni, B. Cerabolini & V. Vigorita (eds), 2003. Regione Lombardia. - Atlante dei Mammiferi della Lombardia - C. Prigioni, M. Cantini & A. Zilio (eds), 2001. Regione Lombardia & Università degli Studi di Pavia. - Fauna italiana inclusa nella Direttiva Habitat - S. D'Antoni, E. Duprè, S. La Posta & P. Verucci (eds), 2003, Ministero dell'Ambiente e della Tutela del Territorio.

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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Organisation:	Provincia di Lodi
	Dipartimento Agricoltura e ambiente rurale, U.O. Ambiente rurale e gestione

Address:	faunistica, Via Fanfulla 14 26900 LODI
Email:	alberto.tenconi@provincia.lodi.it

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

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).

109 II 1:25000 Gauss-Boaga



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 **IT4010018**
SITENAME **Fiume Po da Rio Boriacco a Bosco Ospizio**

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- [2. SITE LOCATION](#)
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- [4. SITE DESCRIPTION](#)
- [5. SITE PROTECTION STATUS AND RELATION WITH CORINE BIOTOPES](#)
- [6. IMPACTS AND ACTIVITIES IN AND AROUND THE SITE](#)
- [7. MAP OF THE SITE](#)

1. SITE IDENTIFICATION

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1.1 Type C	1.2 Site code IT4010018
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1.3 Site name

Fiume Po da Rio Boriacco a Bosco Ospizio
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1.4 First Compilation date 2002-06	1.5 Update date 2012-10
--	-----------------------------------

1.6 Respondent:

Name/Organisation:	Regione Emilia-Romagna - Direzione Generale Ambiente, Difesa del Suolo e della Costa - Servizio Parchi e Risorse forestali
Address:	Viale della Fiera, 8 - 40127 Bologna
Email:	segprpm@regione.emilia-romagna.it

1.7 Site indication and designation / classification dates

Date site classified as SPA:	2004-02
National legal reference of SPA designation	Deliberazione della Giunta Regionale dell'Emilia-Romagna n. 1816 del 22 settembre 2003
Date site proposed as SCI:	2002-07
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

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2.1 Site-centre location [decimal degrees]:

Longitude

9.76277777777778

Latitude

45.09583333333334

2.2 Area [ha]:

6151.0

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

ITD5	Emilia-Romagna
------	----------------

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
3130B			6.16		P	B	C	B	B
3150B			61.56		P	B	C	B	B
3220B			6.16		P	B	C	B	B
3240B			246.24		P	B	C	B	B
3270B			307.8		P	A	C	A	A
6110B			6.16		P	B	C	B	B
6210B			123.12		P	B	C	B	B
91E0B			6.16		P	B	C	B	B
91F0B			6.16		P	B	C	B	B
92A0B			615.6		P	A	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

B	A243	brachydactyla			r				C	DD	C	B	C	B
B	A224	Caprimulgus europaeus			c				P	DD	C	B	C	C
B	A224	Caprimulgus europaeus			r				C	DD	C	B	C	C
B	A136	Charadrius dubius			r	4	6	p		G	C	B	C	B
B	A137	Charadrius hiaticula			c				C	DD	C	B	C	C
B	A196	Chlidonias hybridus			c				P	DD	D			
B	A198	Chlidonias leucopterus			c				P	DD	D			
B	A197	Chlidonias niger			c				P	DD	D			
F	1140	Chondrostoma soetta			p				C	DD	C	C	C	A
B	A031	Ciconia ciconia			c				R	DD	D			
B	A081	Circus aeruginosus			w				P	DD	C	A	C	B
B	A081	Circus aeruginosus			r				R	DD	C	A	C	B
B	A081	Circus aeruginosus			c				P	DD	C	A	C	B
B	A082	Circus cyaneus			w				C	DD	C	B	C	C
B	A082	Circus cyaneus			c				P	DD	C	B	C	C
B	A084	Circus pygargus			c				C	DD	D			
F	1149	Cobitis taenia			p				R	DD	C	B	C	B
B	A231	Coracias garrulus			c				V	DD	D			
B	A212	Cuculus canorus			r				C	DD	C	A	C	A
B	A212	Cuculus canorus			c				C	DD	C	A	C	A
B	A253	Delichon urbica			c				C	DD	C	B	C	C
B	A027	Egretta alba			r	1	1	p		G	C	A	B	B
B	A027	Egretta alba			c				P	DD	C	A	B	B
B	A027	Egretta alba			w				C	DD	C	A	B	B
B	A026	Egretta garzetta			c				P	DD	C	A	C	B
B	A026	Egretta garzetta			r	5	10	p		G	C	A	C	B
B	A379	Emberiza hortulana			c				P	DD	C	B	C	C
B	A379	Emberiza hortulana			r				P	DD	C	B	C	C
R	1220	Emys orbicularis			p				P	DD	C	B	C	C
B	A103	Falco peregrinus			c				P	DD	C	B	C	B
B	A103	Falco peregrinus			w				R	DD	C	B	C	B
B	A099	Falco subbuteo			c				R	DD	C	A	C	B
B	A099	Falco subbuteo			r				R	DD	C	A	C	B
B	A322	Ficedula hypoleuca			c				P	DD	C	B	C	C
B	A002	Gavia arctica			w				R	DD	C	B	C	B
B	A002	Gavia arctica			c				R	DD	C	B	C	B
B	A001	Gavia stellata			w				R	DD	C	B	C	B
B	A001	Gavia stellata			c				R	DD	C	B	C	B
B	A135	Glareola pratincola			c				V	DD	D			
B	A131	Himantopus himantopus			c				C	DD	C	B	C	B
B	A131	Himantopus himantopus			r	14	25	p		G	C	B	C	B
B	A300	Hippolais polyglotta			c				R	DD	C	B	C	C
B	A251	Hirundo rustica			c				C	DD	C	B	C	A
B	A022	Ixobrychus minutus			c				P	DD	C	A	C	B

B	A022	Ixobrychus minutus			r					C	DD	C	A	C	B
B	A338	Lanius collurio			c					P	DD	C	B	C	C
B	A338	Lanius collurio			r					P	DD	C	B	C	C
B	A179	Larus ridibundus			w	10	20	i			G	C	B	C	B
B	A156	Limosa limosa			c					C	DD	C	B	C	C
B	A292	Locustella luscinioides			c					P	DD	D			
B	A290	Locustella naevia			c					R	DD	D			
B	A271	Luscinia megarhynchos			r					C	DD	C	B	C	C
B	A271	Luscinia megarhynchos			c					C	DD	C	B	C	C
I	1060	Lycaena dispar			p					P	DD	C	B	B	C
P	1428	Marsilea quadrifolia			p					P	DD	B	C	A	B
B	A260	Motacilla flava			c					C	DD	C	B	C	C
B	A319	Muscicapa striata			c					C	DD	C	B	C	C
M	1307	Myotis blythii			c	6	10	i			G	C	B	C	B
B	A023	Nycticorax nycticorax			w	12	12	i			G	C	A	C	B
B	A023	Nycticorax nycticorax			r	15	90	p			G	C	A	C	B
B	A023	Nycticorax nycticorax			c					P	DD	C	A	C	B
I	1037	Ophiogomphus cecilia			p					P	DD	C	C	C	B
B	A337	Oriolus oriolus			r					C	DD	C	A	C	B
B	A337	Oriolus oriolus			c					C	DD	C	A	C	B
B	A094	Pandion haliaetus			c					R	DD	D			
B	A072	Pernis apivorus			c					C	DD	D			
B	A017	Phalacrocorax carbo			w	1000	1000	i			G	A	B	C	A
B	A017	Phalacrocorax carbo			c					C	DD	A	B	C	A
B	A151	Philomachus pugnax			c					P	DD	D			
B	A274	Phoenicurus phoenicurus			c					C	DD	C	B	C	C
B	A314	Phylloscopus sibilatrix			c					P	DD	C	B	C	C
B	A316	Phylloscopus trochilus			c					P	DD	C	B	C	C
B	A032	Plegadis falcinellus			c					R	DD	D			
B	A140	Pluvialis apricaria			c					C	DD	D			
B	A119	Porzana porzana			r					R	DD	C	A	C	A
B	A119	Porzana porzana			c					P	DD	C	A	C	A
F	5962	Protochondrostoma genei			p					C	DD	C	C	C	B
A	1215	Rana latastei			p					P	DD	C	B	A	A
F	1114	Rutilus pigus			p					V	DD	C	C	C	A
F	1991	Sabanejewia larvata			p					P	DD	B	B	B	A
B	A195	Sterna albifrons			c					P	DD	C	B	C	C
B	A195	Sterna albifrons			r					P	DD	C	B	C	C
B	A193	Sterna hirundo			c					P	DD	C	B	C	C
B	A193	Sterna hirundo			r					P	DD	C	B	C	C
B	A210	Streptopelia turtur			c					C	DD	C	A	C	A

B	A210	Streptopelia turtur			r					C	DD	C	A	C	A
B	A310	Sylvia borin			c					P	DD	C	B	C	C
B	A308	Sylvia curruca			c					P	DD	C	B	C	C
B	A048	Tadorna tadorna			c					P	DD	D			
B	A166	Tringa glareola			w					P	DD	D			
B	A166	Tringa glareola			c					P	DD	D			
B	A164	Tringa nebularia			c					P	DD	D			
B	A165	Tringa ochropus			w					P	DD	D			
B	A165	Tringa ochropus			c					P	DD	D			
A	1167	Triturus carnifex			p					P	DD	C	B	C	C
B	A142	Vanellus vanellus			r	2	4	p			G	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
I		Apatura ilia						P			X			
M	1327	Eptesicus serotinus						P	X					
F	5642	Esox lucius						P			X			
F	5656	Gobio gobio						P			X			
I	6167	Gomphus flavipes						P	X					
A	5358	Hyla intermedia						P	X					
P		Leucojum aestivum						P						X
M	1314	Myotis daubentonii						P	X					
P		Nymphoides peltata						P			X			
P		Oenanthe aquatica						P						X
M	2016	Pipistrellus kuhlii						P	X					
M	1329	Plecotus austriacus						P	X					
P		Riccia fluitans						P						X
P		Sagittaria sagittifolia						P			X			
P		Salvinia natans						P			X			

F	5885	Tinca tinca								P								X
P		Trapa natans								P			X					
P		Utricularia vulgaris								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

4.1 General site character

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Habitat class	% Cover
N08	8.0
N12	28.0
N06	34.0
N16	2.0
N23	1.0
N20	26.0
N14	1.0
Total Habitat Cover	100

Other Site Characteristics

Il sito è costituito da tutto il tratto del Fiume Po e dalle relative golene ricadenti nel territorio provinciale di Piacenza, sono ricomprese nel sito anche due piccole aree umide limitrofe, ma disgiunte dal corpo principale.

4.2 Quality and importance

Specie vegetali rare e minacciate: *Leucojum aestivum*, *Trapa natans*. Specie vegetali rarissime e minacciate: *Nymphoides peltata*, *Riccia fluitans*, *Oenanthe aquatica*. Specie animali: uno dei tre siti conosciuti in Emilia Romagna per la riproduzione di *Rana latastei* *Natrix maura*: uno dei pochi siti regionali (costituisce il margine dell'areale della specie) *Stylurus flavipes*: specie indicatrice di rive fluviali naturali. *Esox lucius*: scomparso da interi bacini idrografici, indicatore di buone condizioni ecologiche *Gobio gobio*: specie relativamente diffusa in Emilia Romagna ma fortemente rarefatta negli ultimi decenni, in diminuzione in ampi settori dell'areale italiano. *Tinca tinca*: specie in forte declino in Emilia Romagna Il sito ospita la garzaia più occidentale dell'Emilia Romagna con *Nycticorax nycticorax*, *Ardea cinerea*, *Egretta garzetta*, *Egretta alba*, *Ardea purpurea*.

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT35	11.0	IT04	8.0	IT00	81.0

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IT04	Parco Regionale Trebbia	*	8.0

6. SITE MANAGEMENT

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6.1 Body(ies) responsible for the site management:

Organisation:	ENTI GESTORI: Amministrazione provinciale di Piacenza e Ente di gestione per i Parchi e la Biodiversità Emilia occidentale
Address:	-
Email:	

6.2 Management Plan(s):

An actual management plan does exist:

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

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