



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 IT4030024
SITENAME Colli di Quattro Castella

TABLE OF CONTENTS

- [1. SITE IDENTIFICATION](#)
- [2. SITE LOCATION](#)
- [3. ECOLOGICAL INFORMATION](#)
- [4. SITE DESCRIPTION](#)
- [5. SITE PROTECTION STATUS](#)
- [6. SITE MANAGEMENT](#)
- [7. MAP OF THE SITE](#)

1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code IT4030024	Back to top
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1.3 Site name

Colli di Quattro Castella

1.4 First Compilation date 2012-10	1.5 Update date 2022-12
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1.6 Respondent:

Name	Regione Emilia-Romagna - Direzione Generale Cura del territorio e dell'ambiente - Servizio Aree protette, foreste e
/Organisation:	sviluppo della montagna
Address:	Viale Aldo Moro, 30 - 40127 Bologna
Email:	segrprn@regione.emilia-romagna.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:	2012-10
Date site confirmed as SCI:	No data
Date site designated as SAC:	2019-03
National legal reference of SAC designation:	DM 13/03/2019 - G.U. 79 del 03-04-2019

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

Longitude 10.465	Latitude 44.6256
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[Back to top](#)

2.2 Area [ha]:

168.0

2.3 Marine area [%]

0.0

2.4 Sitenlength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code

Region Name

ITD5	Emilia-Romagna
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2.6 Biogeographical Region(s)

Continental (100.0
%)

3. ECOLOGICAL INFORMATION

[Back to top](#)

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
5130B			1.84		G	C	C	C	C
6210B	X		8.07		G	C	C	B	B
6220B			7.64		G	C	C	B	B
6510B			12.35		G	C	C	B	B
91AAB			45.0		G	B	C	B	B
91E0B			0.09		G	C	C	B	C
9260B			5.13		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.	Glo.
B	A086	Accipiter nisus			w				C	DD	C	B	C	C
B	A086	Accipiter nisus			r				C	DD	C	B	C	C
B	A086	Accipiter nisus			p				C	DD	C	B	C	C
B	A086	Accipiter nisus			c				C	DD	C	B	C	C
B	A324	Aegithalos caudatus			c				C	DD	C	B	C	C
B	A324	Aegithalos caudatus			r				C	DD	C	B	C	C
B	A324	Aegithalos caudatus			w				C	DD	C	B	C	C

B	A237	Dendrocopos major			w				C	DD	C	B	C	C
B	A237	Dendrocopos major			c				C	DD	C	B	C	C
B	A237	Dendrocopos major			r				C	DD	C	B	C	C
B	A377	Emberiza cirius			r				P	DD	D			
B	A377	Emberiza cirius			c				P	DD	D			
B	A379	Emberiza hortulana			c				P	DD	C	B	C	C
B	A379	Emberiza hortulana			r				P	DD	C	B	C	C
B	A269	Erithacus rubecula			p				P	DD	C	B	C	C
B	A269	Erithacus rubecula			r				P	DD	C	B	C	C
B	A269	Erithacus rubecula			w				C	DD	C	B	C	C
B	A269	Erithacus rubecula			c				C	DD	C	B	C	C
I	6199	Euplagia quadripunctaria			p				P	DD	C	B	C	C
B	A103	Falco peregrinus			p				P	DD	C	B	C	C
B	A103	Falco peregrinus			w				P	DD	C	B	C	C
B	A103	Falco peregrinus			c				P	DD	C	B	C	C
B	A103	Falco peregrinus			r				P	DD	C	B	C	C
B	A099	Falco subbuteo			c				C	DD	C	B	C	C
B	A099	Falco subbuteo			r				P	DD	C	B	C	C
B	A096	Falco tinnunculus			p				C	DD	C	B	C	C
B	A096	Falco tinnunculus			c				C	DD	C	B	C	C
B	A096	Falco tinnunculus			r				C	DD	C	B	C	C
B	A096	Falco tinnunculus			w				C	DD	C	B	C	C
B	A359	Fringilla coelebs			c				C	DD	C	B	C	C
B	A359	Fringilla coelebs			p				C	DD	C	B	C	C
B	A359	Fringilla coelebs			r				C	DD	C	B	C	C
B	A359	Fringilla coelebs			w				C	DD	C	B	C	C
B	A342	Garrulus glandarius			w				C	DD	C	B	C	C
B	A342	Garrulus glandarius			p				C	DD	C	B	C	C
B	A342	Garrulus glandarius			r				C	DD	C	B	C	C
B	A342	Garrulus glandarius			c				C	DD	C	B	C	C
P	4104	Himantoglossum adriaticum			p	51	100	i		G	C	B	C	C
B	A300	Hippolais polyglotta			c				P	DD	C	B	C	C
B	A300	Hippolais polyglotta			r				P	DD	C	B	C	C
B	A251	Hirundo rustica			r				P	DD	C	C	C	C
B	A251	Hirundo rustica			c				C	DD	C	C	C	C
B	A233	Jynx torquilla			c				P	DD	D			
B	A338	Lanius collurio			c				P	DD	C	B	C	C
B	A338	Lanius collurio			r				P	DD	C	B	C	C
I	1083	Lucanus cervus			p				P	DD	C	B	C	C
B	A246	Lullula arborea			c				P	DD	C	B	C	C
B	A246	Lullula arborea			r				P	DD	C	B	C	C
B	A271	Luscinia megarhynchos			r				C	DD	C	B	C	C
B	A073	Milvus migrans			c				R	DD	D			
B	A262	Motacilla alba			r				P	DD	C	B	C	C
B	A262	Motacilla alba			w				P	DD	C	B	C	C

B	A262	Motacilla alba			c				C	DD	C	B	C	C
B	A319	Muscicapa striata			c				P	DD	D			
B	A277	Oenanthe oenanthe			c				P	DD	D			
B	A337	Oriolus oriolus			c				C	DD	C	B	C	C
B	A337	Oriolus oriolus			r				C	DD	C	B	C	C
B	A214	Otus scops			r				C	DD	C	B	C	C
B	A214	Otus scops			c				C	DD	C	B	C	C
B	A330	Parus major			w				C	DD	C	B	C	C
B	A330	Parus major			r				C	DD	C	B	C	C
B	A330	Parus major			p				C	DD	C	B	C	C
B	A330	Parus major			c				C	DD	C	B	C	C
B	A621	Passer italiae			r				C	DD	C	B	C	C
B	A621	Passer italiae			c				C	DD	C	B	C	C
B	A621	Passer italiae			p				P	DD	C	B	C	C
B	A621	Passer italiae			w				C	DD	C	B	C	C
B	A356	Passer montanus			p				P	DD	C	B	C	C
B	A356	Passer montanus			w				C	DD	C	B	C	C
B	A356	Passer montanus			c				C	DD	C	B	C	C
B	A356	Passer montanus			r				P	DD	C	B	C	C
B	A072	Pernis apivorus			r	1	5	p		G	C	B	C	C
B	A072	Pernis apivorus			c				C	DD	C	B	C	C
B	A273	Phoenicurus ochruros			r				P	DD	C	B	C	C
B	A273	Phoenicurus ochruros			c				C	DD	C	B	C	C
B	A273	Phoenicurus ochruros			w				P	DD	C	B	C	C
B	A274	Phoenicurus phoenicurus			c				C	DD	C	B	C	C
B	A274	Phoenicurus phoenicurus			r				C	DD	C	B	C	C
B	A572	Phylloscopus collybita			c				C	DD	C	B	C	C
B	A572	Phylloscopus collybita			r				C	DD	C	B	C	C
B	A343	Pica pica			c				C	DD	C	B	C	C
B	A343	Pica pica			w				C	DD	C	B	C	C
B	A343	Pica pica			p				C	DD	C	B	C	C
B	A343	Pica pica			r				C	DD	C	B	C	C
B	A866	Picus viridis			w				C	DD	C	B	C	C
B	A866	Picus viridis			c				C	DD	C	B	C	C
B	A866	Picus viridis			p				P	DD	C	B	C	C
B	A866	Picus viridis			r				C	DD	C	B	C	C
B	A493	Poecile palustris			r				C	DD	C	B	C	C
B	A493	Poecile palustris			w				C	DD	C	B	C	C
B	A493	Poecile palustris			c				C	DD	C	B	C	C
B	A275	Saxicola rubetra			c				P	DD	C	B	C	C
B	A155	Scolopax rusticola			r				P	DD	C	B	C	C
B	A155	Scolopax rusticola			w				P	DD	C	B	C	C
B	A155	Scolopax rusticola			c				C	DD	C	B	C	C
B	A361	Serinus serinus			r				C	DD	C	B	C	C
B	A361	Serinus serinus			c				C	DD	C	B	C	C

B	A332	Sitta europaea			p				C	DD	C	B	C	C
B	A332	Sitta europaea			r				C	DD	C	B	C	C
B	A332	Sitta europaea			c				C	DD	C	B	C	C
B	A332	Sitta europaea			w				C	DD	C	B	C	C
B	A210	Streptopelia turtur			r				C	DD	C	B	C	C
B	A351	Sturnus vulgaris			c				C	DD	C	B	C	C
B	A351	Sturnus vulgaris			p				C	DD	C	B	C	C
B	A351	Sturnus vulgaris			r				C	DD	C	B	C	C
B	A351	Sturnus vulgaris			w				C	DD	C	B	C	C
B	A311	Sylvia atricapilla			w				P	DD	C	B	C	C
B	A311	Sylvia atricapilla			r				C	DD	C	B	C	C
B	A311	Sylvia atricapilla			c				C	DD	C	B	C	C
B	A304	Sylvia cantillans			c				C	DD	C	B	C	C
B	A304	Sylvia cantillans			r				C	DD	C	B	C	C
B	A309	Sylvia communis			c				P	DD	D			
B	A309	Sylvia communis			r				P	DD	D			
A	1167	Triturus carnifex			p				P	DD	C	B	C	C
B	A265	Troglodytes troglodytes			p				P	DD	C	B	C	C
B	A265	Troglodytes troglodytes			c				C	DD	C	B	C	C
B	A265	Troglodytes troglodytes			w				C	DD	C	B	C	C
B	A265	Troglodytes troglodytes			r				P	DD	C	B	C	C
B	A283	Turdus merula			p				C	DD	C	B	C	C
B	A283	Turdus merula			c				C	DD	C	B	C	C
B	A283	Turdus merula			r				C	DD	C	B	C	C
B	A283	Turdus merula			w				C	DD	C	B	C	C
B	A285	Turdus philomelos			r				C	DD	C	B	C	C
B	A285	Turdus philomelos			c				C	DD	C	B	C	C
B	A232	Upupa epops			c				C	DD	C	B	C	C
B	A232	Upupa epops			r				R	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
R		Anguis fragilis						P					X	
P		Barlia robertiana						P					X	
A		Bufo bufo						P					X	

A	6962	Bufotes viridis Complex						P	X						
R	1283	Coronella austriaca						P	X						
I	1026	Helix pomatia						P		X					
R	5670	Hierophis viridiflavus						P	X						
M	5365	Hypsugo savii						P	X						
M	1344	Hystrix cristata						P	X						
R	5179	Lacerta bilineata						P	X						
I		Limenitis populi						P							X
A		Lissotriton vulgaris						P			X				
M	1341	Muscardinus avellanarius						P	X						
R		Natrix natrix						P						X	
M	1331	Nyctalus leisleri						P	X						
M	1312	Nyctalus noctula						P	X						
P		Olea europaea						P							X
A		Pelophylax lessonae /klepton esculentus (group)						P							
P		Pinus sylvestris						P							X
M	2016	Pipistrellus kuhlii						P	X						
M	1309	Pipistrellus pipistrellus						P	X						
R	1256	Podarcis muralis						P	X						
R	1250	Podarcis siculus						P	X						
A	1209	Rana dalmatina						P	X						
P	1849	Ruscus aculeatus						P		X					
M		Sciurus vulgaris						P			X				
M		Sorex samniticus						P			X				
M		Suncus etruscus						P						X	
I	1033	Unio elongatulus						P		X					
R	6091	Zamenis longissimus						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

[Back to top](#)

Habitat class	% Cover
N06	5.0
N16	70.0
N21	5.0
N15	15.0
N23	5.0

Total Habitat Cover	100
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Other Site Characteristics

Rilievi collinari caratterizzati da rocce di origine sedimentaria con forte presenza di materiale fossilifero in alcune formazioni. La copertura vegetale è caratterizzata da un esteso querceto mesofilo con numerose varianti. Sono presenti lembi di bosco xerofilo, castagneti abbandonati, terreni agricoli, arbusteti, prati aridi, bordure ripariali ed un esteso canneto che ricopre una zona umida ormai interrata. Sono presenti anche alcuni filari e numerose siepi; segnalato anche *Olea europaea*, relitto di una antica coltivazione.

4.2 Quality and importance

Numerose le specie presenti ritenute di interesse conservazionistico. Da segnalare la presenza di *Pinus sylvestris*, al limite meridionale del suo areale. Notevole il numero di specie floristiche protette dalla legge regionale 2/77.

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	B29		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	0.5
	State/Province	0
	Local/Municipal	93
	Any Public	0
Joint or Co-Ownership	0	
Private	6.5	
Unknown	0	
sum	100	

4.5 Documentation

Alessandrini a., Branchetti G., 1997. Folra Reggiana. Cierre edizioni. Malaguzzi G., 1992. L'Oasi del Bianello, un museo ecologico all'aperto. Amministrazione Comunale di Quattro Castella.

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

[Back to top](#)

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT35	100.0				

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IT21	Oasi del Bianello	*	70.0

5.3 Site designation (optional)

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

[Back to top](#)

Organisation:	ENTE GESTORE: Regione Emilia-Romagna
Address:	recapiti ed email consultabili sul web: http://ambiente.regione.emilia-romagna.it/it/parchi-natura2000/consultazione/enti-di-gestione/enti-gestione-parchi
Email:	-

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)

Le Misure Specifiche di Conservazione sono consultabili alla pagina web del sito: http://ambiente.regione.emilia-romagna.it/it/parchi-natura2000/rete-natura-2000/siti/it4030024

7. MAP OF THE SITES

[Back to top](#)

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).

200SO 1:25.000 UTM
