



# 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 IT51A0001  
SITENAME Cornate e Fosini

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## 1. SITE IDENTIFICATION

1.1 Type	1.2 Site code	<a href="#">Back to top</a>
B	IT51A0001	

### 1.3 Site name

Cornate e Fosini
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1.4 First Compilation date	1.5 Update date
1995-07	2019-12

### 1.6 Respondent:

Name/Organisation:	Regione Toscana - Direzione Ambiente ed Energia - Settore Tutela della Natura e del Mare
Address:	Via di Novoli, 26 - 50127 Firenze
Email:	parchiareeprotette_biodiversita@regione.toscana.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:	1995-06
Date site confirmed as SCI:	No data
Date site designated as SAC:	2016-05
National legal reference of SAC designation:	DM 24/05/2016 - G.U. 139 del 16-06-2016

## 2. SITE LOCATION

### 2.1 Site-centre location [decimal degrees]:

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Longitude 10.945      Latitude 43.162222

### 2.2 Area [ha]:      2.3 Marine area [%]

1403.0      0.0

### 2.4 Sitelength [km]:

0.0

### 2.5 Administrative region code and name

NUTS level 2 code      Region Name

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2.6 Biogeographical Region(s)

Mediterranean (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
3240			0.21		M	D			
5130			1.28		M	D			
6110			15.19		M	B	C	A	B
6210	X		22.63		M	B	C	B	C
6430			0.02		M	D			
8210			0.28		M	D			
8310				14	M	A	C	A	A
91E0			15.65		M	C	C	B	B
91M0			117.55		M	C	C	B	C
9260			41.77		M	C	C	C	C
9340			53.31		M	D			

- **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.
A	5357	<a href="#">Bombina pachipus</a>			p				V	DD	D			
B	A080	<a href="#">Circaetus gallicus</a>			p				P	DD	C	A	C	C
R	1279	<a href="#">Elaphe quatuorlineata</a>			p				R	DD	C	B	C	B
I	6199	<a href="#">Euplagia quadripunctaria</a>			p				P	DD	C	A	C	A
B	A096	<a href="#">Falco tinnunculus</a>			p				P	DD	C	B	C	C
P	4104	<a href="#">Himantoglossum adriaticum</a>			p				P	DD	C	B	C	C
B	A338	<a href="#">Lanius collurio</a>			r				P	DD	D			
B	A246	<a href="#">Lullula arborea</a>			p				P	DD	D			
M	1321	<a href="#">Myotis emarginatus</a>			p	200	200	i		G	C	B	C	A
M	1305	<a href="#">Rhinolophus euryale</a>			p	200	200	i		G	C	B	C	A
M	1304	<a href="#">Rhinolophus ferrumequinum</a>			p	100	100	i		G	C	B	C	A
M	1303	<a href="#">Rhinolophus hipposideros</a>			p	80	80	i		G	C	B	C	A
A	5367	<a href="#">Salamandrina perspicillata</a>			p				P	DD	C	B	C	B
B	A333	<a href="#">Tichodroma muraria</a>			c				P	DD	D			
A	1167	<a href="#">Triturus carnifex</a>			p				P	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		<a href="#">Allium carinatum pulchellum</a>						P						X
P		<a href="#">Anemone apennina</a>						R						X
P		<a href="#">Aquilegia vulgaris</a>						R						X
I		<a href="#">Brenthis hecate</a>						P					X	
P		<a href="#">Carduus chrysacanthus</a>						P						X
P		<a href="#">Centaurea paniculata subsp. carueliana [=C. apolepa subsp.</a>						P				X		
P		<a href="#">Cerastium arvense subsp. arvense var. etruscum</a>						P				X		
P		<a href="#">Cirsium tenoreanum</a>						P				X		
P		<a href="#">Corydalis pumila</a>						P						X
P		<a href="#">Digitalis micrantha</a>						P				X		
M	1363	<a href="#">Felis silvestris</a>						V	X					
P		<a href="#">Fritillaria tenella</a>						V						X
P		<a href="#">Gagea tisoniana [=G. pusilla]</a>						P				X		
P		<a href="#">Genista pilosa</a>						P						X
P		<a href="#">Geranium nodosum</a>						P						X
P		<a href="#">Helleborus bocconeii</a>						P				X		
I		<a href="#">Heteropterus morpheus</a>						R					X	
R		<a href="#">Lacerta bilineata</a>						P					X	
P		<a href="#">Lamium bifidum</a>						P						X
P		<a href="#">Leontodon rosani [L. villarsi]</a>						P				X		
P		<a href="#">Lilium croceum</a>						R						X
P		<a href="#">Loranthus europaeus</a>						P						X
P		<a href="#">Lysimachia punctata</a>						P						X
I	1058	<a href="#">Maculinea arion</a>						P	X					
M	1357	<a href="#">Martes martes</a>						R		X				
P		<a href="#">Myotis decumbens ssp. florentina</a>						P				X		
I		<a href="#">Oxychilus uziellii</a>						P				X		
P		<a href="#">Phleum ambiguum</a>						P				X		
P		<a href="#">Physospermum cornubiense</a>						P						X
M	1329	<a href="#">Plecotus austriacus</a>						P	X					
P		<a href="#">Polygala flavescens</a>						P				X		
P		<a href="#">Pulmonaria hirta [P. picta]</a>						P						X
A	1209	<a href="#">Rana dalmatina</a>						P	X					
A	1206	<a href="#">Rana italica</a>						P	X					
I		<a href="#">Retinella olivetorum</a>						C				X		
P	1849	<a href="#">Ruscus aculeatus</a>						P		X				
P		<a href="#">Salix apennina</a>						P				X		
P		<a href="#">Scabiosa gramuntia [S. uniseta, S. triandra]</a>						P				X		
P		<a href="#">Sesleria argentea</a>						R						X
P		<a href="#">Sesleria autumnalis</a>						P						X
I		<a href="#">Solatopupa juliana</a>						C				X		
P		<a href="#">Sorbus aria</a>						P						X
P		<a href="#">Sternbergia colchiciflora</a>						P						X
I		<a href="#">Thecla betulae</a>						R						X
A		<a href="#">Triturus vulgaris</a>						P						X
P		<a href="#">Viola etrusca</a>						P				X		
P		<a href="#">Viola kitaibeliana</a>						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
N18	5.0
N19	5.0
N23	2.0
N08	12.0
N06	1.0
N16	54.0
N22	3.0
N09	8.0
N20	10.0
Total Habitat Cover	100

Other Site Characteristics

Massiccio calcareo caratterizzato da una notevole eterogeneità ambientale, coperto da boschi misti di latifoglie decidue sui versanti settentrionali, da forteti su quelli meridionali e da pascoli, in buona parte abbandonati ed afforestati con resinose. Di notevole valore paesaggistico, anche per la presenza del castello di Fosini arroccato su pareti calcaree a strapiombo.

4.2 Quality and importance

Area di notevole interesse floristico per la presenza, nelle praterie su calcare, di specie rare e di specie endemiche. Dal punto di vista faunistico è da segnalare la presenza di predatori come *Circaetus gallicus*, *Canis lupus*, *Felis silvestris* e *Martes martes*. Sono presenti inoltre varie specie endemiche fra i *Mulloschi* e far i *Lepidotteri* specie rare e localizzate fra cui la *Callimorpha quadripunctaria* (nec *quadripunctata*!).

4.3 Threats, pressures and activities with impacts on the site

The most important impacts and activities with high effect on the site

Negative Impacts			
Rank	Threats and pressures [code]	Pollution (optional) [code]	inside/outside [i o b]
H	B01.02		I
H	G01		B
H	D01		B
H	B02		B
H	A04.03		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

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

4.4 Ownership (optional)

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

4.5 Documentation

Archivio RENATO - Repertorio Naturalistico Toscano - Regione ToscanaComunicazione Bruno Foggi e Federico Selvi.Comunicazione B. Foggi, F. Selvi, A. Chiarucci.Comunicazione Paolo Sposimo.Comunicazione Filippo Fabiano.Comunicazione Leonardo Lombardi.AA.VV. - Riserva naturale del Cornate e di Fosini., 1995, In: Habitat 3: 48-49.Piante Vascolari:Erben M. - Viola acrocerauniensis und Viola etrusca. Zwei neue Viola Arten aus der Section Melanium., 1986, Mitt. Bot. Staat. Muenchen, 22: 493-506.Foggi B. et al. - Chorological and Caryological investigation on Viola etrusca Erben (Violaceae)., 1993, Giorn. Bot. ital., 127 (4): 755-763.Aggiornamento degli aspetti floristico-vegetazionali e delle relative indicazioni gestionali realizzata dal dipartimento di Scienze Ambientali dell'Università di Siena (Coordinamento scientifico Prof. Vincenzo De Dominicis, Prof. Alessandro Chiarucci, Dott.ssa Claudia Angiolini) per le 11 Riserve Naturali della Provincia di Siena (2006)Mammiferi:Comunicazione personale Paolo Agnelli, Lucia Bellini, Bernardo Cecchi.Museo di Storia Naturale dell'Università di Firenze, Sezione di Zoologia "La Specola".Indagine faunistica sulle popolazioni di Chiroterteri nelle Riserve Naturali della Provincia di Siena, realizzata da G. Dondini, S. Angelini e F. Geri (Studio ProEco, Siena) (2006)Anfibi:Ceccolini G., Cenerini A. 1998. Parchi Riserve e Aree Protette della Toscana WWF Italia Roma WWF Toscana Firenze: 174 pp.·Piazzini S., Favilli L. & Manganelli G., 2005 . Atlante degli Anfibi della Provincia di Siena (1999-2004).Sistema delle riserve Naturali della Provincia di Siena , Quaderni Naturalistici, 1: 112 pp.Comunicazione personale Stefano Vanni.Giusti F., Favilli L., Manganelli G. 1997. Piani di gestione delle Riserve Naturali della Provincia di Siena relativi agli invertebrati terrestri e d'acqua dolce agli Anfibi e ai Rettili Dip. di Biol. Evol. dell'Univ. degli Studi di Siena: 138 pp.Manganelli G., Giusti F. - First contribution to the revision of the *Oxychilus* species living in the italian Apennine Regions: *Zonites utziellii* Issel. (Pulmonata: Zonitidae)., 1985, Arch. Molluskenkde, 115: 311-323.

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT05	100.0	IT13	90.0	IT11	100.0

5.2 Relation of the described site with other sites:

5.3 Site designation (optional)

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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Organisation:	Regione Toscana
Address:	Via di Novoli, 26 - 50127 Firenze
Email:	parchiareeprotette_biodiversita@regione.toscana.it

6.2 Management Plan(s):

An actual management plan does exist:

☐ Yes

☐ No, but in preparation

☒ No

6.3 Conservation measures (optional)

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).

127 IV NE 1:25000 Gauss-Boaga