



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 IT5190001
SITENAME Castelvechio

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1. SITE IDENTIFICATION

1.1 Type B	1.2 Site code IT5190001	Back to top
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1.3 Site name

Castelvechio

1.4 First Compilation date	1.5 Update date
1995-07	2015-12

1.6 Respondent:

Name/Organisation:	Regione Toscana -D.G. Politiche Ambientali,Energia e Cambiamenti Climatici-Settore Tutela e Valorizzazione Risorse Ambientali
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

10.995

Latitude

43.4505555555556

2.2 Area [ha]:

1114.0

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

ITE1

Toscana





2.6 Biogeographical Region(s)

Mediterranean (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
5130 			22.28			B	C	B	B
6210 			11.14			C	C	B	B
9210 			11.14			C	C	B	B
9340 			668.4			A	B	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	A080	Circaetus gallicus			r				P	DD	C	B	C	B
R	1279	Elaphe quatuorlineata			p				R	DD	C	B	C	B
I	6199	Euplagia quadripunctaria			p				P	DD	C	B	C	C
B	A096	Falco tinnunculus			p				P	DD	D			
B	A338	Lanius collurio			r				P	DD	D			
B	A246	Lullula arborea			p				P	DD	D			
M	1304	Rhinolophus ferrumequinum			p	1	5	i		G	C	C	C	C
M	1303	Rhinolophus hipposideros			p	1	5	i		G	C	C	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

I		Brenthis hecate						P					X	
P		Calluna vulgaris						P						X
P		Colutea arborescens						P						X
P		Digitalis micrantha						P				X		
P		Erica multiflora						P						X
P		Fagus sylvatica						P						X
P		Genista germanica						P						X
P		Genista pilosa						P						X
P		Helleborus bocconeii						P				X		
I		Hemaris fuciformis						P			X			
A		Hyla intermedia						R					X	
M	1344	Hystrix cristata						C	X					
P		Laburnum anagyroides						P						X
R		Lacerta bilineata						P					X	
P		Leontodon rosani [L. villarsi]						P						X
I	1058	Maculinea arion						P	X					
P		Physospermum cornubiense						P						X
P		Pulmonaria hirta [P. picta]						P						X
A	1209	Rana dalmatina						P	X					
A	1210	Rana esculenta						C		X				
I		Retinella olivetorum						C				X		
I		Solatopupa juliana						C				X		
P		Taxus baccata						R						X
A		Triturus vulgaris						P						X
P		Vinca minor						R						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
N15	1.0
N09	1.0
N06	1.0
N08	6.0
N18	50.0
N22	1.0
N16	40.0
Total Habitat Cover	100

Other Site Characteristics

Massiccio collinare quasi interamente boscato costituito in gran parte da calcare cavernoso con fenomeni di carsismo. Da segnalare la presenza di forre di notevole interesse paesaggistico ed ecologico. Comprende anche il complesso dei ruderi di Castelvechio di valore storico-archeologico.

4.2 Quality and importance

L'elevata naturalità diffusa dell'area è confermata dalla presenza del *Circaetus gallicus*. Ulteriori ricerche porterebbero presumibilmente all'individuazione di elementi di pregio attualmente non noti. Da segnalare la presenza di invertebrati localizzati e del Lepidottero *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	B02		i
H	G03		i
H	A03		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	[%]
National/Federal	0
State/Province	0

Public	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 Toscana AA.VV. - Riserva Naturale di Castelveccchio., 1995, Habitat, 3: 50. Favilli L., Manganelli G., Giusti F. - La fauna terrestre e d'acqua dolce dell'Arcipelago toscano., 1995, In: Giusti F. [a cura di], Le Isole minori: la fauna - I Quaderni di Italia Nostra, 27: 71-100. Comunicazione Filippo Fabiano. Comunicazione Paolo Sposimo. Comunicazione Leonardo Favilli. Comunicazione Stefano Vanni. Collezione F. Giusti, Dip. di Biologia Evolutiva, Università di Siena. Piante Vascolari: Comunicazione Alessandro Chiarucci. Chiarucci A., De Dominicis V. - Due interessanti popolamenti di *Taxus baccata* L. in Toscana., 1992, Atti Soc. Tosc. Sci. Nat., Mem., Ser. B, 99: 1-9. Piazzino 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. Indagine faunistica sulle popolazioni di Chiroteri nelle Riserve Naturali della Provincia di Siena, realizzata da G. dondini, S. Angelini e F. Geri (Studio ProEco, Siena) (2006) 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

5. SITE PROTECTION STATUS (optional)

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5.1 Designation types at national and regional level:

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT11	100.0	IT13	100.0	IT05	9.0

5.2 Relation of the described site with other sites:

5.3 Site designation (optional)

6. SITE MANAGEMENT

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6.1 Body(ies) responsible for the site management:

Organisation:	Provincia di Siena.
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 checked="" type="checkbox"/>	No

6.3 Conservation measures (optional)

7. MAP OF THE SITES

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).

106 III NE - 106 III 1:25000 Gauss-Boaga