



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 IT5180019
SITENAME Vasche dell'ex-zuccherificio di Castiglion Fiorentino e Colmata di Brolio

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	1.2 Site code	Back to top
A	IT5180019	

1.3 Site name

Vasche dell'ex-zuccherificio di Castiglion Fiorentino e Colmata di Brolio

1.4 First Compilation date	1.5 Update date
2020-09	2020-12

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:	2020-05
National legal reference of SPA designation	Del. C.R. n. 29 del 26/05/2020
Date site proposed as SCI:	2020-05
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

2.1 Site-centre location [decimal degrees]:

Longitude	Latitude
11.8735	43.3063

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

119.0

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)

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
3130🇫🇷			0.1		M	D			
3140🇫🇷			0.1		M	D			
3150🇫🇷			19.0		M	B	C	B	B
3260🇫🇷			0.1		M	D			
3270🇫🇷			1.0		M	D			
3290🇫🇷			0.2		M	B	C	B	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

[illegible]

B	A024	Ardeola ralloides			w				P	DD	C	B	C	C
B	A060	Aythya nyroca			w				R	DD	C	B	C	B
B	A060	Aythya nyroca			r				R	DD	C	B	C	B
B	A060	Aythya nyroca			c				R	DD	C	B	C	B
B	A021	Botaurus stellaris			c				R	DD	C	C	C	C
B	A021	Botaurus stellaris			w				R	DD	C	C	C	C
B	A243	Calandrella brachydactyla			r				R	DD	C	B	C	C
B	A196	Chlidonias hybridus			c				R	DD	C	B	C	C
B	A197	Chlidonias niger			c				R	DD	C	B	C	C
B	A080	Circus gallicus			c				R	DD	C	B	C	C
B	A081	Circus aeruginosus			c				C	DD	C	B	C	C
B	A082	Circus cyaneus			w				R	DD	C	B	C	C
B	A082	Circus cyaneus			c				R	DD	C	B	C	C
B	A083	Circus macrourus			c				V	DD	C	B	C	C
B	A084	Circus pygargus			c				R	DD	C	B	C	C
B	A027	Egretta alba			p				C	DD	C	B	C	C
B	A026	Egretta garzetta			p				C	DD	C	B	C	C
B	A098	Falco columbarius			w				R	DD	C	B	C	C
B	A103	Falco peregrinus			c				C	DD	C	B	C	C
B	A189	Gelochelidon nilotica			c				R	DD	C	B	C	C
B	A131	Himantopus himantopus			r				C	DD	C	B	C	C
B	A022	Ixobrychus minutus			c				R	DD	C	B	C	C
B	A022	Ixobrychus minutus			r				R	DD	C	B	C	C
B	A338	Lanius collurio			r				R	DD	C	C	C	C
B	A073	Milvus migrans			c				R	DD	C	B	C	C
B	A023	Nycticorax nycticorax			c				C	DD	C	B	C	C
B	A393	Phalacrocorax pygmeus			c				R	DD	C	B	C	C
B	A151	Philomachus pugnax			c				R	DD	C	B	C	C
B	A035	Phoenicopiterus ruber			c				R	DD	C	B	C	C
B	A034	Platalea leucorodia			c				R	DD	C	B	C	C
B	A032	Plegadis falcinellus			c				R	DD	C	B	C	C
B	A120	Porzana parva			c				V	DD	D			
B	A119	Porzana porzana			c				V	DD	D			
B	A132	Recurvirostra avosetta			c				R	DD	C	B	C	C
B	A166	Tringa glareola			c				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
B	A168	Actitis hypoleucos						P			X			
B	A247	Alauda arvensis						C			X			
B	A054	Anas acuta						R					X	
B	A056	Anas clypeata						C			X		X	
B	A052	Anas crecca						C			X		X	
B	A053	Anas platyrhynchos						C					X	
B	A055	Anas querquedula						C			X		X	
B	A043	Anser anser						R					X	
B		Ardea cinerea						C						X
B	A059	Aythya ferina						C			X		X	
B	A061	Aythya fuligula						R			X		X	
B	A025	Bubulcus ibis						C					X	
B	A149	Calidris alpina						P					X	
B	A147	Calidris ferruginea						P					X	
B	A145	Calidris minuta						P					X	
B	A146	Calidris temminckii						P					X	
B	A136	Charadrius dubius						P			X		X	
B	A137	Charadrius hiaticula						P					X	
B	A198	Chlidonias leucopterus						P			X		X	
B	A096	Falco tinnunculus						C						X
B	A125	Fulica atra						C					X	
B	A153	Gallinago gallinago						C					X	
B		Limosa limosa						P			X		X	
B		Mareca penelope						C					X	
B		Mareca strepera						C			X		X	
B	A160	Numenius arquata						P					X	
B	A336	Remiz pendulinus						C			X			
B	A048	Tadorna tadorna						P			X		X	
B	A161	Tringa erythropus						P					X	
B	A164	Tringa nebularia						P					X	
B	A165	Tringa ochropus						P					X	
B	A163	Tringa stagnatilis						P					X	
B	A162	Tringa totanus						P					X	
B	A213	Tyto alba						P					X	
B	A142	Vanellus vanellus						C					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
N09	5.0
N06	80.0
N10	15.0
Total Habitat Cover	100

4.2 Quality and importance

L'area riveste una notevole importanza quale sito di sosta, svernamento e nidificazione per uccelli acquatici

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	H01.07		i
H	J02.01		i
M	J02.02		i
H	J02.13		i
L	F02		i
M	A07		o
M	J02.02.01		i
L	F03		o
H	J02.05.03		i
M	H01.05		b
H	J02		i
M	E02		o
M	I01		i
H	J02.05		i
M	E02.01		o
L	F02.03		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)

4.5 Documentation

Provincia di Arezzo, 1998: Schede del Progetto Carta della Natura per le Vasche dell'ex-Zuccherificio di Castiglion Fiorentino e la Colmata di Brollo.Baccetti N., Fracasso G. e Commissione Ornitologica Italiana. 2019. La Lista CISO-COI degli uccelli italiani ,accesso 09.03.2020.Ceccolini F., Barbagli F. & Tellini Florenzano G. 2014. L'avifauna di un'area umida artificiale in provincia di Arezzo: le vasche abbandonate dello zuccherificio di Castiglion Fiorentino. In Tinarelli R., Andreotti A., Baccetti N., Melega L., Roscelli F., Serra L., Zenatello M. (a cura di), 2014. Atti XVI Convegno Italiano di Ornitologia. Cervia (RA), 22-25 settembre 2011. Scritti, Studi e Ricerche di Storia Naturale della Repubblica di San Marino.Lastrucci L. & Raffaelli M., 2006. Contributo alla conoscenza della flora delle zone umide planiziarie e collinari della Toscana orientale: la provincia di Arezzo (Italia centrale), Webbia 61 (2): 271-304.Lastrucci L., Landi M., Angiolini C., 2010b. Vegetation analysis on wetlands in a Tuscan agricultural landscape (central Italy). Biologia 65(1): 54-68.Lastrucci L., 2015. La flora delle zone umide della provincia di Arezzo. Inedito, progetto realizzato grazie al contributo della Provincia di Arezzo.Manganelli G & Angiolini C. (a cura di) 2010. Indagine conoscitiva sugli aspetti floristici, vegetazionali e faunistici del Comune di Foiano della Chiana (Arezzo). Università degli Studi di Siena. Relazione non pubblicata.Regione Toscana 2015. Scheda Ambito di Paesaggio 15: Piana di Arezzo e Valdichiana.

Link(s): <http://www.regione.toscana.it/-/piano-di-indirizzo-territoriale-con-valenza-di-piano-paesaggistico>
<http://ciso-coi.it/commissione-ornitologica-italiana/checklist-e-red-list>

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

[Back to top](#)

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT32	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:

[Back to top](#)

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

[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).