



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 IT5130009
SITENAME Tre Limentre - Reno

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1. SITE IDENTIFICATION

1.1 Type	1.2 Site code	Back to top
B	IT5130009	

1.3 Site name

Tre Limentre - Reno

1.4 First Compilation date	1.5 Update date
2010-03	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:	2010-10
Date site confirmed as SCI:	No data
Date site designated as SAC:	2016-12
National legal reference of SAC designation:	DM 22/12/2016 - G.U. 19 del 24-01-2017

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude 10.968056 Latitude 44.048333

2.2 Area [ha]: 9360.0 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

Continental (100.0%)

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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
3240🇵🇹			15.55		M	B	C	B	C
3270🇵🇹			0.6		M	C	C	B	C
4030🇵🇹			92.47		M	C	C	C	C
5130🇵🇹			3.42		M	D			
6430🇵🇹			0.35		M	B	C	B	C
7220🇵🇹			0.02		M	B	C	B	B
8220🇵🇹			0.0015		M	D			
8310🇵🇹				1	M	A	C	B	A
9110🇵🇹			4606.23		M	A	B	B	B
9180🇵🇹			13.92		M	C	C	B	C
91E0🇵🇹			62.54		M	B	C	B	B
91M0🇵🇹			14.31		M	D			
9260🇵🇹			1853.57		M	B	C	C	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

[illegible]

A	5367	perspicillata			p				C	DD	C	B	B	B
F	5331	Telestes muticellus			p				C	DD	C	A	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		Abies alba						V						X
P		Aconitum variegatum						R						X
I		Arion intermedius						R						X
P		Asarum europaeum						C						X
I		Avenionia ligustica						V						X
I		Bythiniella schmidtii						R						X
P		Carduus micropterus subsp. perspinosus						C						X
P		Carex pallescens						C						X
P		Carex stellutata						C						X
P		Centaurea arrigonii						C				X		
I		Ciliella ciliata						V						X
P		Circaea intermedia						C						X
I		Cochlodina comensis						C						X
R	1284	Coluber viridiflavus						R	X					
R	1283	Coronella austriaca						P	X					
P		Digitalis lutea subsp. australis						C						X
P		Dryopteris expansa						R						X
R	1281	Elaphe longissima						R	X					
P		Eleocharis palustris						R						X
P		Epipactis helleborine subsp. australis						R						X
M	1327	Eptesicus serotinus						R	X					
P		Festuca cyrnea						R						X
P	1866	Galanthus nivalis						R		X				
P		Gentiana asclepiadea						R						X
P		Geranium phaeum						C						X
P		Hesperis matronalis						R						X
M		Hypsugo savii						C			X			
I		Lathrobium andreinii						R						X
P		Leucojum vernum						R						X
P		Lilium bulbiferum subsp. croceum						C						X
P		Lilium martagon						C						X
P		Listera ovata						C						X
P		Lysimachia nemorum						R						X
P		Lysimachia punctata						R						X
P		Murbeckiella zanonii						R			X			
M	1331	Nyctalus leisleri						V	X					
M	1312	Nyctalus noctula						V	X					
P		Phyteuma ovatum subsp. pseudospicatum						R						X
M	2016	Pipistrellus kuhlii						C	X					
M	1309	Pipistrellus pipistrellus						C	X					
M	1329	Plecotus austriacus						P	X					

P		Polygala flavescens						R						X
P		Pulmonaria picta						C						X
A	1209	Rana dalmatina						R	X					
A	1206	Rana italica						C	X					
A	1213	Rana temporaria						P		X				
I		Renea elegantissima						V						X
I		Retinella olivetorum						C						X
P		Ribes alpinum						R						X
A		Salamandra salamandra						R			X			
P		Salix apennina						C						X
P		Saponaria ocymoides						R						X
P		Sesleria pichiana						C				X		
A	1185	Speleomantes italicus						R	X					
I		Stenopelmus rufinasus						R						X
P		Thelypteris palustris						R						X
P		Tragopogon samaritani						R						X
I		Vitrinobrachium baccettii						R						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
N08	5.0
N17	10.0
N10	7.0
N16	69.0
N22	1.0
N06	5.0
N23	2.0
N15	1.0
Total Habitat Cover	100

Other Site Characteristics

Valli montane alternate a dorsali in senso N-S. Area in gran parte boscata con importanti formazioni riparie

4.2 Quality and importance

Estese formazioni forestali di Faggio e Castagno intercalate da valli profonde con formazioni di vallone del Tilio-Acerion e di ripa in buono stato di conservazione, con fauna acquatica rara e meritevole di conservazione. Sono presenti specie di Molluschi di particolare interesse a livello regionale o nazionale. Importante elemento di collegamento funzionale fra varie aree protette e SIC della Toscana e dell'Emilia Romagna.

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]
L	B02.01		I
M	B01.02		I
L	D02.01		B
L	F02.03		B
M	B07		I
L	A04.03		I
L	I03.01		I
L	G04		I
L	D01.02		I
M	B02		I
L	I01		I
L	J02.06.06		I

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside /outside [i o b]
L	A04		I
L	A03		I

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

AA.VV. 2003-2008. Repertotio Naturalistico Toscano RENATO: Banca datio delle speie, habitat e fitocenosi di interesse conservazionistico. Regione Toscana. Arrigoni P.V., Bettini G., Foggi B., Ricceri C., Signorini M.A., 2002 - Guida alla conoscenza botanica della Riserva Naturale Acquerino-Cantagallo. Assessorato Assetto del Territorio . Provincia di Prato-Comue di Cantagallo.Arrigoni P.V., Foggi B., Signorini M.A., Vebturi E., Bettini G., Ricceri C., 2005 - La vegetazione della Riserva Naturale Acquerino-Cantagallo (Appennino settentrionale). Parlatorea 7: 47-69.Archivio RENATO - Repertorio Naturalistico Toscano - Regione ToscanaBiaggini M., Paggetti E., Corti C., 2007 - L'erpetofauna nel comprensorio Tre Limentre-Reno. Provincia di Pistoia. Cianfanelli S., Lori E., 2008 - La malacofauna nel comprensorio delle Tre Limentre-Reno. Relazione finale. pp.78. Provincia di Pistoia.Foggi. B., Rossi G., Pignotti L., 2007 - Sesleria pichiana (Poaceae): a new specie from North-West Italian peninsula. Webbia, 62 (1): 1-10. Foggi B., Venturi E., Ferretti G., 2007 - Habitat e specie meritevoli di conservazione della Provincia di Pistoia ai sensi della L.R. 56/2000. Provincia di Pistoia.Venturi E., 2006 - Flora vascolare delle valli della Limentra Orientale e della Limentrella (Province di Pistoia e Prato. Parlatorea 8: 11-46.Londi G., Tellini Florenzano G., Mini L., Campedelli T., - Indagine Ornitologica. Da: Piano di gestione del Patrimonio Agricolo-forestale Regionale "Acquerino-Collina", a cura di DREAM Italia. Comunità Montana Appennino Pistoiese.Nocita A., 2012 - Indagine relativa ad alcune specie appartenenti alla fauna ittica d'acqua dolce: analisi della presenza e consistenza di Lampetra fluviatilis, Alosa fallax, Leuciscus lucumonis, Barbus plebejus, Barbus tyberinus, con particolare riferimento al Bacino dell'Arno. Museo di Storia Naturale dell'Università di Firenze. Inedito

5. SITE PROTECTION STATUS (optional)

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5.1 Designation types at national and regional level:

Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT05		IT02	2.0	IT07	31.0

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IT05	Riserva provinciale Acquerino-Cantagallo	/	
IT02	Riserva Naturale Biogenetica Acqurino	+	2.0
IT07	Oasi di Protezione Tre Limentre	+	31.0

5.3 Site designation (optional)

6. SITE MANAGEMENT

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6.1 Body(ies) responsible for the site management:

Organisation:	Regione Toscana
Address:	
Email:	

Organisation:	Comando Carabinieri Forestale (UTCB di Pistoia)
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

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INSPIRE ID:	
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Map delivered as PDF in electronic format (optional)

<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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Reference(s) to the original map used for the digitalisation of the electronic boundaries (optional).

266NO 1:25.000 UTM