



# Ramsar Information Sheet

Published on 31 January 2017

## Italy

### Trappola marshland - Ombrone River mouth



Designation date	13 October 2016
Site number	2284
Coordinates	42°40'14"N 11°01'03"E
Area	536,00 ha

## Color codes

Fields back-shaded in light blue relate to data and information required only for RIS updates.

Note that some fields concerning aspects of Part 3, the Ecological Character Description of the RIS (tinted in purple), are not expected to be completed as part of a standard RIS, but are included for completeness so as to provide the requested consistency between the RIS and the format of a 'full' Ecological Character Description, as adopted in Resolution X.15 (2008). If a Contracting Party does have information available that is relevant to these fields (for example from a national format Ecological Character Description) it may, if it wishes to, include information in these additional fields.

## 1 - Summary

### Summary

The site Trappola marshland - Ombrone River mouth (Padule della Trappola - Foce dell'Ombrone) represents one of the last remnants of a complex of wetlands (partly salty and partly freshwater) and sandy dunes, which constituted the pristine landscape of the Tyrrhenian coast. The landscape includes the mouth of the Ombrone river and coastal wetlands, which are bordered by the Tyrrhenian Sea. The site is a relict example of wetlands with a remarkable naturalistic value. The ground is flat, with a very close elevation to the sea level, varying according to the dunal-interdunal system, generating a mosaic of different habitats, including an alternation of permanently or seasonally areas flooded/wet. It is a semi-natural landscape modified by variations of the coastline and by anthropogenic reclaim operations, like water canalisation, pastoral use, reforestation and tillage. The site also includes a pinewood of anthropogenic origin and is characterised by a sporadic presence of free-ranging cattle (non-intensive).

This site has a very important ecological role, because of the presence of relevant and diverse habitats, including rare plant species and a number of animal species (especially birds) having many of them a conservational relevance from international/national/regional points of view. Moreover, the site is very important for maintaining the biological diversity of coastal wetlands in the Tyrrhenian coastal area, especially concerning birds: more than 150 species of which are listed as present or migrating to the area.

## 2 - Data & location

### 2.1 - Formal data

#### 2.1.1 - Name and address of the compiler of this RIS

##### Compiler 1

Name	Laura Tonelli
Institution/agency	Maremma Regional Park Agency
Postal address	Via del Bersagliere 7/9 58100, Alberese (GR), Italy
E-mail	tonelli@parco-maremma.it
Phone	+39 0564 393 236

##### Compiler 2

Name	Francesco Ferretti
Institution/agency	Maremma Regional Park Agency
Postal address	Via del Bersagliere 7/9 58100, Alberese (GR), Italy
E-mail	tonelli@parco-maremma.it
Phone	+39 0564 393 236

#### 2.1.2 - Period of collection of data and information used to compile the RIS

From year	2010
To year	2016

#### 2.1.3 - Name of the Ramsar Site

Official name (in English, French or Spanish)	Trappola marshland - Ombrone River mouth
Unofficial name (optional)	Padule della Trappola - Foce dell'Ombrone

## 2.2 - Site location

### 2.2.1 - Defining the Site boundaries

b) Digital map/image  
<1 file(s) uploaded>

Boundaries description (optional)

The western border of the site includes sandy coast facing onto the Tyrrhenian Sea. Furthermore, the site is bordered by particularly extensive agricultural areas, by coastal pinewood and by mediterranean scrubwood.  
The Ramsar area is completely included within the Maremma Regional Park. It is included in the SIC/SIR/ZPS IT51A0039 "Padule della Trappola e Bocca d'Ombrone" (SIR 113 and ZPS A113), for its greater portion, in SIC/SIR IT51A0014 "Pineta Granducale dell'Uccellina" (SIR 114), in SIC/SIR IT51A0015 "Dune costiere del Parco dell'Uccellina" (SIR 115), as well as in SIR/ZPS 136 "Pianure del Parco della Maremma", to a lesser extent.

### 2.2.2 - General location

a) In which large administrative region does the site lie?	Tuscany Region
b) What is the nearest town or population centre?	Grosseto (at a distance of c. 10 km)

### 2.2.3 - For wetlands on national boundaries only

- a) Does the wetland extend onto the territory of one or more other countries? Yes  No
- b) Is the site adjacent to another designated Ramsar Site on the territory of another Contracting Party? Yes  No

### 2.2.4 - Area of the Site

## RIS for Site no. 2284, Trappola marshland - Ombrone River mouth, Italy

Official area, in hectares (ha):

Area, in hectares (ha) as calculated from GIS boundaries

### 2.2.5 - Biogeography

#### Biogeographic regions

Regionalisation scheme(s)	Biogeographic region
EU biogeographic regionalization	Mediterranean

### 3 - Why is the Site important?

#### 3.1 - Ramsar Criteria and their justification

Criterion 1: Representative, rare or unique natural or near-natural wetland types

Hydrological services provided	Storage and delivery of water
Other ecosystem services provided	Supports a variety of all life forms including plants, animals and microorganisms. Nature observation and nature-based tourism. Important knowledge systems, importance for research (scientific reference area or site) and long-term monitoring site.
Other reasons	The site represents one of the last remnants of a complex of wetlands (partly salty and partly freshwater) and sandy dunes, which constituted the pristine landscape of the Tyrrhenian coast, presently largely disappeared because of reclamation actions by man. This site still has a very important ecological role, because of the presence of relevant and diverse habitats, including rare plant species (e.g. <i>Halocnemum strobilaceum</i> ). Furthermore, the site has a great importance for birds and, especially, for waterbirds, including a number of species listed in the EU Birds Directive, as well as with a great conservational relevance on national/international level.


Criterion 2 : Rare species and threatened ecological communities

Criterion 3 : Biological diversity



Justification	The site is very important for maintaining the biological diversity of coastal wetlands in the Tyrrhenian coastal area, especially concerning birds. In fact, more than 150 species of birds are listed as present or migrate to the area and many of them have a great conservational relevance (see Section 3.3). Furthermore, the site includes a variety of different habitats (see Section 3.4).
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Criterion 4 : Support during critical life cycle stage or in adverse conditions
































#### 3.2 - Plant species whose presence relates to the international importance of the site


































Scientific name	Common name	Criterion 2	Criterion 3	Criterion 4	IUCN Red List	CITES Appendix I	Other status	Justification
<i>Halocnemum strobilaceum</i> 		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	VU (Italian Red List)	Vulnerable in Italy. Its population in the site is the only one in the Italian Tyrrhenian peninsular coast, and one of the only two populations in peninsular Italy.

#### 3.3 - Animal species whose presence relates to the international importance of the site



































Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence 1)	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
<b>Birds</b>																		
CHORDATA/ AVES	<i>Accipiter nisus</i> 	Eurasian Sparrowhawk	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I. Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)	


































Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence 1)	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
CHORDATA/ AVES	<i>Acrocephalus melanopogon</i> 	Moustached Warbler	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (Italian Red List). EU Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Vulnerable in Italy. Listed in European/International conservation directives. Wintering in the area.
CHORDATA/ AVES	<i>Alauda arvensis</i> 	Eurasian Skylark	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (Italian Red List). EU Birds Directive: Annex II. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Vulnerable in Italy. Listed in Bern Convention. Reproducing in the area.
CHORDATA/ AVES	<i>Alcedo atthis</i> 	Common Kingfisher	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	
CHORDATA/ AVES	<i>Anas clypeata</i> 	Northern Shoveler	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	156	2015		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (Italian Red List)	Vulnerable in Italy. Wintering in the area.
CHORDATA/ AVES	<i>Anas crecca</i> 	Common Teal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	996	2015		LC 	<input type="checkbox"/>	<input type="checkbox"/>	EN (Italian Red List). EU Birds Directive: Annex II.	Endangered in Italy. Wintering in the area.
CHORDATA/ AVES	<i>Anas querquedula</i> 	Garganey	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (Italian Red List)	Vulnerable in Italy. Migrant in the area.
CHORDATA/ AVES	<i>Anas strepera</i> 	Gadwall	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	92			LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (Italian Red List)	Vulnerable in Italy. Wintering in the area.
CHORDATA/ AVES	<i>Anthus campestris</i> 	Tawny Pipit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	
CHORDATA/ AVES	<i>Aquila clanga</i> 	Greater Spotted Eagle	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				WU 	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EU Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Vulnerable. Listed in European/International/International conservation directives. Wintering (rare) in the area.
CHORDATA/ AVES	<i>Ardea alba</i> 	Great Egret	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	
CHORDATA/ AVES	<i>Ardea purpurea</i> 	Purple Heron	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	
CHORDATA/ AVES	<i>Ardeola rallioides</i> 	Squacco Heron	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	
CHORDATA/ AVES	<i>Asio flammeus</i> 	Short-eared Owl	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	
CHORDATA/ AVES	<i>Aythya ferina</i> 	Common Pochard	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	25	2011		WU 	<input type="checkbox"/>	<input type="checkbox"/>	EN (Italian Red List). EU Birds Directive: Annex II.	Wintering in the area.
CHORDATA/ AVES	<i>Aythya nyroca</i> 	Ferruginous Duck	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT 	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EN (Italian Red List). EU Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Endangered in Italy. Listed in European/International conservation directives. Migratory in the area.
CHORDATA/ AVES	<i>Botaurus stellaris</i> 	Eurasian Bittern	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	2013		LC 	<input type="checkbox"/>	<input type="checkbox"/>	EN (Italian Red List). EU Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Endangered in Italy. Listed in European/International conservation directives. Concentrations are present in the area. Wintering.
CHORDATA/ AVES	<i>Burhinus oediceramus</i> 	Eurasian Stone-curlew	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	20	2013		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (Italian Red List). EU Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Vulnerable in Italy. Listed in European/International conservation directives. Wintering/Reproducing in the area.
CHORDATA/ AVES	<i>Calandrella brachydactyla</i> 	Greater Short-toed Lark	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	EN (Italian Red List). EU Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Endangered in Italy. Listed in European/International conservation directives. Migratory in the area.









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			2	4	6	9	3	5	7	8								
CHORDATA/ AVES	<i>Caprimulgus europaeus</i> 	European Nightjar	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	
CHORDATA/ AVES	<i>Charadrius alexandrinus</i> 	Kentish Plover; Snowy Plover	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10	2013		LC 	<input type="checkbox"/>	<input type="checkbox"/>	EN (Italian Red List). Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Endangered in Italy. Listed in European/International conservation directives. Reproducing and wintering (rare) in the area.
CHORDATA/ AVES	<i>Chlidonias hybrida</i> 	Whiskered Tern	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (Italian Red List). EU Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Vulnerable in Italy. Listed in European/International conservation directives. Migratory in the area.
CHORDATA/ AVES	<i>Chlidonias niger</i> 	Black Tern	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	EN (Italian Red List). EU Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Endangered in Italy. Listed in European/International conservation directives. Migratory in the area.
CHORDATA/ AVES	<i>Chroicocephalus genei</i> 	Slender-billed Gull	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I.	
CHORDATA/ AVES	<i>Ciconia ciconia</i> 	White Stork	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	
CHORDATA/ AVES	<i>Ciconia nigra</i> 	Black Stork	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (Italian Red List). EU Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Vulnerable in Italy. Listed in European/International conservation directives. Migratory in the area.
CHORDATA/ AVES	<i>Circaetus gallicus</i> 	Short-toed Snake Eagle	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (Italian Red List). EU Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Vulnerable in Italy. Listed in European/International conservation directives. Migratory/reproducing in the area.
CHORDATA/ AVES	<i>Circus aeruginosus</i> 	Western Marsh Harrier	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8	2015		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (Italian Red List). EU Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Vulnerable in Italy. Listed in European/International conservation directives. Wintering in the site.
CHORDATA/ AVES	<i>Circus cyaneus</i> 	Hen Harrier	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	
CHORDATA/ AVES	<i>Circus macrourus</i> 	Pallid Harrier	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT 	<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	
CHORDATA/ AVES	<i>Circus pygargus</i> 	Montagu's Harrier	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (Italian Red List). EU Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Vulnerable in Italy. Listed in European/International conservation directives. Migratory in the area.
CHORDATA/ AVES	<i>Clamator glandarius</i> 	Great Spotted Cuckoo	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	EN (Italian Red List). Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Endangered in Italy. Listed in European/International conservation directives. Migrant in the area.
CHORDATA/ AVES	<i>Coracias garrulus</i> 	European Roller	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10	2013		LC 	<input type="checkbox"/>	<input checked="" type="checkbox"/>	VU (Italian Red List). EU Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Vulnerable in Italy. Listed in European/International/International conservation directives. Reproducing in the area.
CHORDATA/ AVES	<i>Crex crex</i> 	Corn Crane	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (Italian Red List). EU Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Vulnerable in Italy. Listed in European/International conservation directives. Migratory in the area.
CHORDATA/ AVES	<i>Egretta garzetta</i> 	Little Egret	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence 1)	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
CHORDATA/ AVES	<i>Falco biarmicus</i> 	Lanner Falcon	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (Italian Red List). EU Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Vulnerable in Italy. Listed in European/International conservation directives. Wintering (rare) in the area.
CHORDATA/ AVES	<i>Falco columbarius</i> 	Mertin	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	
CHORDATA/ AVES	<i>Falco eleonorae</i> 	Eleonora's Falcon	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (Italian Red List). Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Vulnerable in Italy. Listed in European/International conservation directives. Mgratory in the area.
CHORDATA/ AVES	<i>Falco peregrinus</i> 	Peregrine Falcon	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	2013		LC 	<input checked="" type="checkbox"/>	<input type="checkbox"/>	LC (Italian Red List). EU Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Listed in European/International/International conservation directives. Resident/Wintering in the area.
CHORDATA/ AVES	<i>Gavia arctica</i> 	Arctic Loon; Black-throated Loon	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Birds directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	
CHORDATA/ AVES	<i>Gavia stellata</i> 	Red-throated Diver; Red-throated Loon	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Birds directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	
CHORDATA/ AVES	<i>Glareola pratincola</i> 	Collared Pratincole	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	EN (Italian Red List). EU Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Endangered in Italy. Listed in European/International conservation directives. Mgratory in the area.
CHORDATA/ AVES	<i>Grus grus</i> 	Common Crane	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	
CHORDATA/ AVES	<i>Himantopus himantopus</i> 	Black-winged Stilt	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	
CHORDATA/ AVES	<i>Ichthyaeus melanocephalus</i> 	Mediterranean Gull	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	
CHORDATA/ AVES	<i>Ixobrychus minutus</i> 	Little Bittern	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (Italian Red List). EU Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Listed in European/International conservation directives. Mgratory in the area.
CHORDATA/ AVES	<i>Jynx torquilla</i> 	Eurasian Whyneck	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	EN (Italian Red List). Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Reproducing/Wintering in the area. Endangered in Italy. Protected according to International conservation directives.
CHORDATA/ AVES	<i>Lanius collurio</i> 	Red-backed Shrike	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (Italian Red List). EU Birds Directive: Annex I.	Vulnerable in Italy. Listed in European/International conservation directives. Mgratory in the area.
CHORDATA/ AVES	<i>Lanius senator</i> 	Woodchat Shrike	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	EN (Italian Red List). Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Mgratory in the area. Endangered in Italy.
CHORDATA/ AVES	<i>Limosa lapponica</i> 	Bar-tailed Godwit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT 	<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I.	
CHORDATA/ AVES	<i>Luscinia svecica</i> 	Bluethroat	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	
CHORDATA/ AVES	<i>Milvus migrans</i> 	Black Kite	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	



Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence 1)	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
CHORDATA/ AVES	 <i>Nycticorax nycticorax</i>	Black-crowned Night Heron; Black-crowned Night-Heron	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (Italian Red List), EU Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Vulnerable in Italy. Listed in European/International conservation directives. Migratory in the area.
CHORDATA/ AVES	 <i>Pandion haliaetus</i>	Osprey, Western Osprey	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	
CHORDATA/ AVES	 <i>Pernis apivorus</i>	European Honey Buzzard	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	
CHORDATA/ AVES	 <i>Philomachus pugnax</i>	Ruff	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I.	
CHORDATA/ AVES	 <i>Phoenicopterus roseus</i>	Greater Flamingo	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I.	
CHORDATA/ AVES	 <i>Platalea leucorodia</i>	Eurasian Spoonbill	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (Italian Red List), EU Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Vulnerable in Italy. Listed in European/International conservation directives. Migratory in the area.
CHORDATA/ AVES	 <i>Plegadis falcinellus</i>	Glossy Ibis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	EN (Italian Red List), EU Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Endangered in Italy. Listed in European/International conservation directives. Migratory in the area.
CHORDATA/ AVES	 <i>Pluvialis apricaria</i>	European Golden Plover; European Golden-Plover	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	
CHORDATA/ AVES	 <i>Porzana parva</i>	Little Crake	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	
CHORDATA/ AVES	 <i>Porzana porzana</i>	Spotted Crake	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	
CHORDATA/ AVES	 <i>Puffinus yelkouan</i>	Yelkouan Shearwater	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				WU 	<input type="checkbox"/>	<input type="checkbox"/>	DD (Italian Red List), EU Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Wintering in the area. Protected according to European/International conservation directives.
CHORDATA/ AVES	 <i>Recurvirostra avosetta</i>	Pied Avocet	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	
CHORDATA/ AVES	 <i>Saxicola torquatus</i>	Common Stonechat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (Italian Red List), Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Vulnerable in Italy. Protected according to Bern Convention. Wintering/Reproducing in the area.
CHORDATA/ AVES	 <i>Sternula albifrons</i>	Little Tern	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	EN (Italian Red List), EU Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Endangered in Italy. Protected according to European/International Directives. Migratory in the area.
CHORDATA/ AVES	 <i>Sylvia undata</i>	Dartford Warbler	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT 	<input type="checkbox"/>	<input type="checkbox"/>	VU (Italian Red List), EU Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Vulnerable in Italy. Protected according to European/International Directives. Migratory/Wintering in the area.
CHORDATA/ AVES	 <i>Tadorna tadorna</i>	Common Shelduck	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10	2013		LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (Italian Red List), Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Vulnerable in Italy. Protected according to Bern Convention. Migratory/Wintering in the area.
CHORDATA/ AVES	 <i>Thalasseus sandvicensis</i>	Sandwich Tern	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (Italian Red List), EU Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)	Vulnerable in Italy. Listed in European/International conservation directives. Wintering in the area.

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence 1)	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
CHORDATA/ AVES	 <i>Tringa glareola</i>	Wood Sandpiper	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			LC 	<input type="checkbox"/>	<input type="checkbox"/>	Birds Directive: Annex I. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)		
<b>Fish, Mollusc and Crustacea</b>																		
CHORDATA/ ACTINOPTERYGII	 <i>Alosa fallax</i>	Twait Shad	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			LC 	<input type="checkbox"/>	<input type="checkbox"/>	Habitats Directive: Annex II. Particularly protected species under Italian National Law (LN 157/1992).		
CHORDATA/ ACTINOPTERYGII	 <i>Aphanius fasciatus</i>	South European Toothcarp	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			LC 	<input type="checkbox"/>	<input type="checkbox"/>	Habitats Directive: Annex II. Particularly protected species under Italian National Law (LN 157/1992).		
CHORDATA/ ACTINOPTERYGII	 <i>Kriopowitschia panizzae</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			LC 	<input type="checkbox"/>	<input type="checkbox"/>	Habitats Directive: Annex II.		
CHORDATA/ CEPHALASPIDOMORPHI	 <i>Lampetra fluviatilis</i>	River Lamprey	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			LC 	<input type="checkbox"/>	<input type="checkbox"/>	CR (Italian Red List). EU Habitats Directive: Annex II. Protected according to Italian law (DM6.3.1998 - Annex III of the Bern Convention).	Critically endangered in Italy. Listed in European/International conservation directives.	
CHORDATA/ CEPHALASPIDOMORPHI	 <i>Petromyzon marinus</i>	Sea Lamprey	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			LC 	<input type="checkbox"/>	<input type="checkbox"/>	CR (Italian Red List). EU Habitats Directive: Annex II. Protected according to Italian law (DM6.3.1998 - Annex III of the Bern Convention).	Critically endangered in Italy. Listed in European/International conservation directives.	
<b>Others</b>																		
CHORDATA/ REPTILIA	 <i>Elaphe quatuorlineata</i>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			NT 	<input type="checkbox"/>	<input type="checkbox"/>	Habitats Directive: Annexes II and IV. Particularly protected species under Italian National Law (LN 157/1992).		
CHORDATA/ REPTILIA	 <i>Emys orbicularis</i>	European Pond Turtle	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			NT 	<input type="checkbox"/>	<input type="checkbox"/>	EN (Italian Red List). EU Habitats Directive: Annexes II and IV. Particularly protected according to Italian law (Annex II of the Bern Convention).	Endangered in Italy. Listed in European/International conservation directives.	
CHORDATA/ REPTILIA	 <i>Euleptes europaea</i>	European Leaf-toed Gecko	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			NT 	<input type="checkbox"/>	<input type="checkbox"/>	Habitats Directive: Annexes II and IV. Particularly protected species under Italian National Law (LN 157/1992).		
CHORDATA/ MAMMALIA	 <i>Felis silvestris silvestris</i>	Wild Cat	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	Habitats Directive: Annex IV. Particularly protected species under Italian National Law (LN 157/1992).		
CHORDATA/ REPTILIA	 <i>Hierophis viridiflavus</i>	Western Whip Snake	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			LC 	<input type="checkbox"/>	<input type="checkbox"/>	Habitats Directive: Annex IV. Particularly protected species under Italian National Law (LN 157/1992).		
CHORDATA/ AMPHIBIA	 <i>Hyla intermedia</i>	Italian Tree Frog	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			LC 	<input type="checkbox"/>	<input type="checkbox"/>	Habitats Directive: Annex IV.		
CHORDATA/ MAMMALIA	 <i>Hystrix cristata</i>	Crested Porcupine	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			LC 	<input type="checkbox"/>	<input type="checkbox"/>	Habitats Directive: Annex IV. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention)		
CHORDATA/ REPTILIA	 <i>Lacerta bilineata</i>	Western Green Lizard	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			LC 	<input type="checkbox"/>	<input type="checkbox"/>	Habitats Directive: Annex IV.		
CHORDATA/ MAMMALIA	 <i>Myotis emarginatus</i>	Geoffroy's bat; Geoffroy's Myotis	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			LC 	<input type="checkbox"/>	<input type="checkbox"/>	Habitats Directive: Annexes II and IV. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention).		
CHORDATA/ REPTILIA	 <i>Podarcis siculus</i>	Italian Wall Lizard	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			LC 	<input type="checkbox"/>	<input type="checkbox"/>	Habitats Directive: Annex IV. Particularly protected species under Italian National Law (LN 157/1992).		
CHORDATA/ AMPHIBIA	 <i>Pseudepidalea viridis</i>	Green Toad	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			LC 	<input type="checkbox"/>	<input type="checkbox"/>	Habitats Directive: Annex IV. Particularly protected species under Italian National Law (LN 157/1992).		

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			2	4	6	9	3	5	7	8								
CHORDATA/ MAMMALIA	<i>Rhinolophus euryale</i> 	Mediterranean Horseshoe Bat	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			NT 	<input type="checkbox"/>	<input type="checkbox"/>	VU (Italian Red List). EU Habitats Directive: Annex II and IV.	Vulnerable in Italy. Listed in European conservation directives.	
CHORDATA/ MAMMALIA	<i>Rhinolophus ferrumequinum</i> 	greater horseshoe bat	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			LC 	<input type="checkbox"/>	<input type="checkbox"/>	VU (Italian Red List). EU Habitats Directive: Annex II and IV.	Vulnerable in Italy. Listed in European conservation directives.	
CHORDATA/ REPTILIA	<i>Testudo hermanni</i> 	Hermann's Tortoise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			NT 	<input type="checkbox"/>	<input type="checkbox"/>	EN (Italian Red List). EU Habitats Directive: Annexes II and IV. Particularly protected according to Italian law (Annex II of the Bern Convention).	Endangered in Italy. Listed in European/International conservation directives.	
CHORDATA/ AMPHIBIA	<i>Triturus carnifex</i> 	Italian Crested Newt	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			LC 	<input type="checkbox"/>	<input type="checkbox"/>	Habitats Directive: Annexes II and IV. Particularly protected according to Italian law (DM6.3.1998 - Annex II of the Bern Convention).		

1) Percentage of the total biogeographic population at the site

### 3.4 - Ecological communities whose presence relates to the international importance of the site

RIS for Site no. 2284, Trappola marshland - Ombrone River mouth, Italy

Name of ecological community	Community qualifies under Criterion 2?	Description	Justification
Mediterranean and thermo-Atlantic halophilous scrubs ( <i>Sarcocornetea fruticosi</i> )	<input checked="" type="checkbox"/>	Perennial vegetation of marine saline muds (schorre) mainly composed of scrub (genera <i>Sarcocornia</i> and <i>Arthrocnemum</i> ).	Listed in the EU Habitats Directive, Annex 1 (Natura 2000 code: 1420)
Mediterranean salt meadows ( <i>Juncetalia maritimi</i> )	<input checked="" type="checkbox"/>	Coastal/sub-coastal communities generally dominated by <i>Juncus</i> spp. or other species ( <i>Juncetalia maritimi</i> ).	Listed in the EU Habitats Directive, Annex 1 (Natura 2000 code: 1410)
<i>Salicornia</i> and other annuals colonizing mud and sand	<input checked="" type="checkbox"/>	Formations composed mostly or predominantly of annuals, in particular <i>Chenopodiaceae</i> of the genus <i>Salicornia</i> or grasses, colonising periodically inundated muds and sands of marine or interior salt marshes.	Listed in the EU Habitats Directive, Annex 1 (Natura 2000 code: 1310)
Annual vegetation of drift lines	<input checked="" type="checkbox"/>	Formations of annuals or representatives of annuals and perennials, occupying accumulations of drift material and gravel rich in nitrogenous organic matter	Listed in the EU Habitats Directive, Annex 1 (Natura 2000 code: 1210)
Mediterranean tall humid grasslands of the <i>Molinio-Holoschoenion</i>	<input checked="" type="checkbox"/>	Mediterranean humid grasslands of tall grasses and rushes	Listed in the EU Habitats Directive, Annex 1 (Natura 2000 code: 6420)
<i>Cisto-Lavenduletalia</i> dune sclerophyllous scrubs	<input checked="" type="checkbox"/>	Sclerophyllous scrubs established on dunes.	Listed in the EU Habitats Directive, Annex 1 (Natura 2000 code: 2260)
Coastal dunes with <i>Juniperus</i> spp	<input checked="" type="checkbox"/>	Heterogeneous formations of coastal dune slacks and slopes, dominated by <i>Juniperus</i> spp.	Listed in the EU Habitats Directive, Annex 1 (Natura 2000 code: 2250). Priority habitat.
<i>Brachypodietalia</i> dune grasslands with annuals	<input checked="" type="checkbox"/>	Pseudo-steppe with grasses and annuals.	Listed in the EU Habitats Directive, Annex 1 (Natura 2000 code: 2240)
<i>Malcolmietalia</i> dune grasslands	<input checked="" type="checkbox"/>	Associations with many small annuals and often abundant ephemeral spring bloom, of deep sands in dry interdunal depressions of the coasts.	Listed in the EU Habitats Directive, Annex 1 (Natura 2000 code: 2230)
Shifting dunes along the shoreline with <i>Ammophila arenaria</i> ('white dunes')	<input checked="" type="checkbox"/>	Mobile dunes forming the seaward cordon or cordons of dune systems of the coast, including mainly <i>Ammophila arenaria</i> subsp. <i>australis</i> .	Listed in the EU Habitats Directive, Annex 1 (Natura 2000 code: 2120)
Coastal lagoons	<input checked="" type="checkbox"/>	Expanses of shallow coastal salt water, of varying salinity and water volume.	Listed in the EU Habitats Directive Annex 1 (Natura 2000 code: 1150). Priority habitat.
Embryonic shifting dunes	<input checked="" type="checkbox"/>	Formations of the coast representing the first stages of dune construction. The main species is <i>Agropyron junceum</i> .	Listed in the EU Habitats Directive, Annex 1 (Natura 2000 code: 2110)
Wooded dunes with <i>Pinus pinea</i> and/or <i>Pinus pinaster</i>	<input checked="" type="checkbox"/>	Coastal dunes colonised by pines	Listed in the EU Habitats Directive, Annex 1 (Natura 2000 code: 2270). Priority habitat.

## 4 - What is the Site like? (Ecological character description)

### 4.1 - Ecological character

The site lies on one of the last remnants of coastal wetlands in Italy, showing a great value from ecological and conservation points of view. The landscape includes near-natural, permanent/seasonal floodplains, which underwent natural (e.g. coastline) and man-induced (e.g. reclaims) changes, throughout centuries. The area holds a mosaic of different habitats, being dominated by reed (*Juncus maritimus* and *Juncus acutus*), halophilous scrubs (mainly *Arthrocnemum glaucum* and *Arthrocnemum perenne*), pinewood (*Pinus pinea* and *Pinus pinaster*), as well as juniper *Juniperus* spp. and sclerophyllic vegetation on sandy dunes. The site is an important wintering area for birds and is especially important for waterbirds. The site lies in the most important wintering site of *Anser anser*, in Tuscany and holds a number of bird species protected under international, national and/or regional legislation.

### 4.2 - What wetland type(s) are in the site?

#### Marine or coastal wetlands

Wetland types (code and name)	Local name	Ranking of extent (1: greatest - 4: least)	Area (ha) of wetland type	Justification of Criterion 1
E: Sand, shingle or pebble shores		4		Rare
F: Estuarine waters		3		Rare
G: Intertidal mud, sand or salt flats		1		Rare
H: Intertidal marshes		2		Rare
J: Coastal brackish / saline lagoons		4		Rare

#### Inland wetlands

Wetland types (code and name)	Local name	Ranking of extent (1: greatest - 4: least)	Area (ha) of wetland type	Justification of Criterion 1
Fresh water > Flowing water >> Mt Permanent rivers/ streams/ creeks		4		Rare

### 4.3 - Biological components

#### 4.3.1 - Plant species

##### Other noteworthy plant species

Scientific name	Common name	Position in range / endemism / other
<i>Aeluropus litoralis</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Ammophila arenaria australis</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Anacamptis palustris</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Artemisia sericea</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Arthrocnemum fruticosum</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Arthrocnemum macrostachyum</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Centaurea napifolia</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Crypsis schoenoides</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Eleocharis palustris</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Elymus athericus</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Eryngium maritimum</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Glycyrrhiza glabra</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Halimione portulacoides</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Helichrysum stoechas</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Imperata cylindrica</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Juncus striatus</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Juniperus oxycedrus</i>		Protected under Tuscanian Regional law (LR 56/2000)

Scientific name	Common name	Position in range / endemism / other
<i>Juniperus phoenicea</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Limbarda crithmoides</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Limonium narbonense</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Malva punctata</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Medicago marina</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Myriophyllum verticillatum</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Oenanthe lachenalii</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Orchis spitzelii cazortensis</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Pancreatium maritimum</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Parapholis pycnantha</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Pseudorajya pumila</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Ranunculus ophioglossifolius</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Ranunculus peltatus baudotii</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Ruscus aculeatus</i>		Habitats Directive: Annex V. Protected under Tuscanian Regional law (LR 56/2000)
<i>Sarcocornia perennis</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Schoenoplectus tabernaemontani</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Serapias cordigera</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Serapias vomeracea</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Silene colorata</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Spergularia salina</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Suaeda maritima</i>		Protected under Tuscanian Regional law (LR 56/2000)
<i>Tripolium pannonicum</i>		Protected under Tuscanian Regional law (LR 56/2000)

## 4.3.2 - Animal species

## Other noteworthy animal species

Phylum	Scientific name	Common name	Pop. size	Period of pop. est.	%occurrence	Position in range /endemism/other
CHORDATA/AVES	<i>Anser anser</i>	Greylag Goose				Birds Directive: Annex II. Protected under Tuscanian Regional law (LR 56/2000)
CHORDATA/AVES	<i>Arenaria interpres</i>	Ruddy Turnstone				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention).
CHORDATA/AVES	<i>Bubulcus ibis</i>	Western Cattle Egret				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention).
CHORDATA/AVES	<i>Buteo buteo</i>	Common Buzzard				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)

Phylum	Scientific name	Common name	Pop. size	Period of pop. est.	%occurrence	Position in range /endemism/other
CHORDATA/AVES	<i>Calidris alba</i>	Sanderling				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Calidris alpina</i>	Dunlin				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Calidris ferruginea</i>	Curlew Sandpiper				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Calidris minuta</i>	Little Stint				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Calidris temminckii</i>	Temminck's Stint				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Carduelis carduelis</i>	Eurasian Goldfinch;European Goldfinch				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Charadrius dubius</i>	Little Ringed Plover				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Charadrius hiaticula</i>	Common Ringed Plover				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Chloris chloris</i>	European Greenfinch				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Coturnix coturnix</i>	Common Quail				Protected under Tuscanian Regional law (LR 56/2000)
CHORDATA/AVES	<i>Emberiza schoeniclus</i>	Reed Bunting;Common Reed Bunting;Common Reed-Bunting				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Erithacus rubecula</i>	European Robin				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Falco subbuteo</i>	Northern Hobby				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Falco tinnunculus</i>	Common Kestrel;Eurasian Kestrel				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Gelochelidon nilotica</i>	Gull-billed Tern				
CHORDATA/AVES	<i>Hirundo rustica</i>	Barn Swallow				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Ichthyæetus audouinii</i>	Audouin's Gull				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Limicola falcinellus</i>	Broad-billed Sandpiper				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Linaria cannabina</i>	Common Linnet				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Luscinia megarhynchos</i>	Common Nightingale				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Lymnocyptes minimus</i>	Jack Snipe				Protected under Tuscanian Regional law (LR 56/2000)

Phylum	Scientific name	Common name	Pop. size	Period of pop. est.	%occurrence	Position in range /endemism/other
CHORDATA/AVES	<i>Merops apiaster</i>	European Bee-eater				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Motacilla alba</i>	White Wagtail				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Motacilla cinerea</i>	Gray Wagtail; Grey Wagtail				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Motacilla flava</i>	Western Yellow Wagtail				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Numenius arquata</i>	Eurasian Curlew				Birds Directive: Annex II. Protected under Tuscanian Regional law (LR 56/2000)
CHORDATA/AVES	<i>Oenanthe oenanthe</i>	Northern Wheatear				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Oriolus oriolus</i>	Eurasian Golden Oriole				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Otus scops</i>	Eurasian Scops Owl				law
CHORDATA/AVES	<i>Phoenicurus ochruros</i>	Black Redstart				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Phylloscopus collybita</i>	Common Chiffchaff				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Prunella modularis</i>	Dunnock				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Saxicola rubetra</i>	Whinchat				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Serinus serinus</i>	European Serin				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Sterna hirundo</i>	Common Tern				
CHORDATA/AVES	<i>Sylvia atricapilla</i>	Eurasian Blackcap				Particularly protected according to Italian law (DM 6.3.1998 - Annex II of the Bern Convention)
CHORDATA/AVES	<i>Tringa erythropus</i>	Spotted Redshank				Protected under Tuscanian Regional law (LR 56/2000)
CHORDATA/AVES	<i>Tringa totanus</i>	Common Redshank				Protected under Tuscanian Regional law (LR 56/2000)
ARTHROPODA/INSECTA	<i>Agrilus subcinctus</i>					Protected under Tuscanian Regional law (LR 56/2000)
ARTHROPODA/INSECTA	<i>Anthaxia cupriola</i>					Protected under Tuscanian Regional law (LR 56/2000)
ARTHROPODA/INSECTA	<i>Baris sellata</i>					Protected under Tuscanian Regional law (LR 56/2000)
ARTHROPODA/INSECTA	<i>Brithys crini</i>					Protected under Tuscanian Regional law (LR 56/2000)
CHORDATA/AMPHIBIA	<i>Bufo bufo</i>	European Toad				Protected under Tuscanian Regional law (LR 56/2000)
ARTHROPODA/INSECTA	<i>Carabus alysidotus</i>					Protected under Tuscanian Regional law (LR 56/2000)
CHORDATA/REPTILIA	<i>Chalcides chalcides</i>	Italian Three-toed Skink				Protected under Tuscanian Regional law (LR 56/2000)



Phylum	Scientific name	Common name	Pop. size	Period of pop. est.	%occurrence	Position in range /endemism/other
ARTHROPODA/INSECTA	Charaxes jasius					Protected under Tuscanian Regional law (LR 56/2000)
ARTHROPODA/INSECTA	Cicindela littoralis nemoralis					Protected under Tuscanian Regional law (LR 56/2000)
ARTHROPODA/INSECTA	Coenagrion scitulum					Protected under Tuscanian Regional law (LR 56/2000)
ARTHROPODA/INSECTA	Coenonympha corinna					Protected under Tuscanian Regional law (LR 56/2000)
CHORDATA/MAMMALIA	Crocidura leucodon	Bicolored Shrew				Protected under Tuscanian Regional law (LR 56/2000)
CHORDATA/MAMMALIA	Crocidura suaveolens	Lesser Shrew; Lesser White-toothed Shrew				Protected under Tuscanian Regional law (LR 56/2000)
ARTHROPODA/INSECTA	Ellescus scanicus					Protected under Tuscanian Regional law (LR 56/2000)
CHORDATA/REPTILIA	Hemidactylus turcicus	Turkish Gecko				Protected under Tuscanian Regional law (LR 56/2000)
ARTHROPODA/INSECTA	Hoplia minuta					Protected under Tuscanian Regional law (LR 56/2000)
ARTHROPODA/INSECTA	Libellula fulva					Protected under Tuscanian Regional law (LR 56/2000)
CHORDATA/AMPHIBIA	Lissotriton vulgaris	Smooth Newt				Protected under Tuscanian Regional law (LR 56/2000)
CHORDATA/REPTILIA	Natrix natrix	Grass Snake				Protected under Tuscanian Regional law (LR 56/2000)
ARTHROPODA/INSECTA	Nebria complanata					Protected under Tuscanian Regional law (LR 56/2000)
ARTHROPODA/INSECTA	Polyphyla fullo					Protected under Tuscanian Regional law (LR 56/2000)
CHORDATA/MAMMALIA	Suncus etruscus	White-toothed Pygmy Shrew; Etruscan Shrew				Protected under Tuscanian Regional law (LR 56/2000)
ARTHROPODA/INSECTA	Zerynthia caucasica					

Invasive alien animal species

Phylum	Scientific name	Common name	Impacts
CHORDATA/ACTINOPTERYGII	Gambusia holbrooki		Potentially
CHORDATA/MAMMALIA	Myocastor coypus	Coypu; nutria	Potentially

## 4.4 - Physical components

### 4.4.1 - Climate

Climatic region	Subregion
C: Moist Mid-Latitude climate with mild winters	Csb: Mediterranean (Mid with dry, warm summer)

### 4.4.2 - Geomorphic setting

- Entire river basin
- Upper part of river basin
- Middle part of river basin
- Lower part of river basin
- More than one river basin
- Not in river basin
- Coastal

Please name the river basin or basins. If the site lies in a sub-basin, please also name the larger river basin. For a coastal/marine site, please name the sea or ocean.

The site is around the mouth of the Ombrone river, which enters in the Mediterranean (Thyrrean) Sea.

### 4.4.3 - Soil

- Mineral
- Organic
- No available information

RIS for Site no. 2284, Trappola marshland - Ombrone River mouth, Italy

Are soil types subject to change as a result of changing hydrological conditions (e.g., increased salinity or acidification)? Yes  No

4.4.4 - Water regime

Water permanence

Presence?
Usually permanent water present
Usually seasonal, ephemeral or intermittent water present

Source of water that maintains character of the site

Presence?	Predominant water source
Water inputs from rainfall	<input type="checkbox"/>
Water inputs from surface water	<input type="checkbox"/>
Marine water	<input type="checkbox"/>

Water destination

Presence?
Marine
Feeds groundwater

Stability of water regime

Presence?
Water levels largely stable
Water levels fluctuating (including tidal)

4.4.5 - Sediment regime

Significant erosion of sediments occurs on the site

Significant accretion or deposition of sediments occurs on the site

Significant transportation of sediments occurs on or through the site

Sediment regime is highly variable, either seasonally or inter-annually

Sediment regime unknown

4.4.6 - Water pH

Acid (pH<5.5)

Circumneutral (pH: 5.5-7.4 )

Alkaline (pH>7.4)

Unknown

4.4.7 - Water salinity

Fresh (<0.5 g/l)

Mxohaline (brackish)/Mxosaline (0.5-30 g/l)

Euhaline/Eusaline (30-40 g/l)

Hyperhaline/Hypersaline (>40 g/l)

Unknown

Please provide further information on salinity (optional):

In the site, water salinity is largely variable across wetlands (where salinity is higher) and the mouth of the Ombrone river where, usually, salinity is lower. Furthermore, salinity varies also in relation to climate seasonality, with particular reference to rainfall.

4.4.8 - Dissolved or suspended nutrients in water

Eutrophic

Mesotrophic

Oligotrophic

Dystrophic

Unknown

4.4.9 - Features of the surrounding area which may affect the Site

Please describe whether, and if so how, the landscape and ecological characteristics in the area surrounding the Ramsar Site differ from the i) broadly similar  ii) significantly different  site itself:

Surrounding area has greater urbanisation or development

Surrounding area has higher human population density

Surrounding area has more intensive agricultural use

Surrounding area has significantly different land cover or habitat types

Please describe other ways in which the surrounding area is different:

In the surrounding area non intensive agriculture occurs.

## 4.5 - Ecosystem services

### 4.5.1 - Ecosystem services/benefits

#### Regulating Services

Ecosystem service	Examples	Importance/Extent/Significance
Maintenance of hydrological regimes	Storage and delivery of water as part of water supply systems for agriculture and industry	Low

#### Cultural Services

Ecosystem service	Examples	Importance/Extent/Significance
Recreation and tourism	Nature observation and nature-based tourism	High
Scientific and educational	Important knowledge systems, importance for research (scientific reference area or site)	High

#### Supporting Services

Ecosystem service	Examples	Importance/Extent/Significance
Biodiversity	Supports a variety of all life forms including plants, animals and microorganisms, the genes they contain, and the ecosystems of which they form a part	High

Have studies or assessments been made of the economic valuation of ecosystem services provided by this Ramsar Site? Yes  No  Unknown

### 4.5.2 - Social and cultural values

- i) the site provides a model of wetland wise use, demonstrating the application of traditional knowledge and methods of management and use that maintain the ecological character of the wetland
- ii) the site has exceptional cultural traditions or records of former civilizations that have influenced the ecological character of the wetland
- iii) the ecological character of the wetland depends on its interaction with local communities or indigenous peoples
- iv) relevant non-material values such as sacred sites are present and their existence is strongly linked with the maintenance of the ecological character of the wetland

<no data available>

## 4.6 - Ecological processes

<no data available>

## 5 - How is the Site managed? (Conservation and management)

### 5.1 - Land tenure and responsibilities (Managers)

#### 5.1.1 - Land tenure/ownership

##### Public ownership

Category	Within the Ramsar Site	In the surrounding area
Provincial/region/state government	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

##### Private ownership

Category	Within the Ramsar Site	In the surrounding area
Other types of private/individual owner(s)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

#### 5.1.2 - Management authority

Please list the local office / offices of any agency or organization responsible for managing the site:

Territorial jurisdiction: Municipality of Grosseto - Piazza Duomo 1, 58100, Grosseto, Italy.  
Functional jurisdiction: Maremma Regional Park Agency - Via del Bersagliere 7/9, 58100, Alberese (GR), Italy.

Provide the name and title of the person or people with responsibility for the wetland:

Dr. Arch. Enrico Giunta, Director of the Maremma Regional Park Agency

Postal address:

Via del Bersagliere 7/9, 58100, Alberese (GR), Italy

E-mail address:

giunta@parco-maremma.it

## 5.2 - Ecological character threats and responses (Management)

### 5.2.1 - Factors (actual or likely) adversely affecting the Site's ecological character

#### Water regulation

Factors adversely affecting site	Actual threat	Potential threat	Within the site	In the surrounding area
Salinisation	Medium impact	Medium impact	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

#### Agriculture and aquaculture

Factors adversely affecting site	Actual threat	Potential threat	Within the site	In the surrounding area
Livestock farming and ranching	Low impact	Low impact	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

#### Biological resource use

Factors adversely affecting site	Actual threat	Potential threat	Within the site	In the surrounding area
Fishing and harvesting aquatic resources	Low impact	High impact	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

#### Human intrusions and disturbance

Factors adversely affecting site	Actual threat	Potential threat	Within the site	In the surrounding area
Recreational and tourism activities	Low impact	Low impact	<input type="checkbox"/>	<input checked="" type="checkbox"/>

#### Invasive and other problematic species and genes

Factors adversely affecting site	Actual threat	Potential threat	Within the site	In the surrounding area
Invasive non-native/ alien species	Low impact	Low impact	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Please describe any other threats (optional):

Coastal erosion has determined a retreat of the coastline. Surveys of ground water have documented the presence of a salt-wedge. In turn, a high impact has been determined on habitats because of the introgression of salt, sea water, both direct and through canals. Since 2011, in the neighbourhoods of the area, specific actions have been conducted to mitigate coastal erosion (supported by the Tuscany Region Agency).

#### 5.2.2 - Legal conservation status

##### Regional (international) legal designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
EU Natura 2000	SIC/SIR/ZPS IT51A0039 (Natura 2000 code; SIR 113 and A113 ZPS) - Padule della Trappola e Bocca d'Ombrone; SIC/SIR/ZPS IT51A0014 (Natura 2000 code; SIR 114) - Pineta Granducale dell'Uccellina; SIC/SIR/ZPS IT51A0015 (Natura 2000 code; SIR 115) - Dune c	http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=IT51A0039; http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=IT51A0014; http://natura2000.eea.europa.eu/Natura2000/SDF.aspx?site=IT51A0015	whole

## National legal designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
National decree for designating Ramsar site (DM21.10.3013)	Trappola marshland - Ombrone River mouth		whole
Regional Park	Maremma Regional Park	www.parco-maremma.it	partly
SIR	SIR 114 - Pineta Granducale dell'Uccellina		partly
SIR/ZPS	SIR 113/ZPS A113 - Padule della Trappola e Bocca d'Ombrone		partly

## 5.2.3 - IUCN protected areas categories (2008)

- Ia Strict Nature Reserve
- Ib Wilderness Area: protected area managed mainly for wilderness protection
- II National Park: protected area managed mainly for ecosystem protection and recreation
- III Natural Monument: protected area managed mainly for conservation of specific natural features
- IV Habitat/Species Management Area: protected area managed mainly for conservation through management intervention
- V Protected Landscape/Seascape: protected area managed mainly for landscape/seascape conservation and recreation
- VI Managed Resource Protected Area: protected area managed mainly for the sustainable use of natural ecosystems

&lt;no data available&gt;

## 5.2.4 - Key conservation measures

## Legal protection

Measures	Status
Legal protection	Implemented

## Habitat

Measures	Status
Hydrology management/restoration	Implemented

## Human Activities

Measures	Status
Regulation/management of recreational activities	Implemented
Research	Implemented
Livestock management/exclusion (excluding fisheries)	Implemented
Fisheries management/regulation	Implemented
Harvest controls/poaching enforcement	Implemented

## 5.2.5 - Management planning

Is there a site-specific management plan for the site? No

Has a management effectiveness assessment been undertaken for the site? Yes  No

If the site is a formal transboundary site as indicated in section Data and location > Site location, are there shared management planning processes with another Contracting Party? Yes  No

#### 5.2.6 - Planning for restoration

Is there a site-specific restoration plan? Please select a value

#### 5.2.7 - Monitoring implemented or proposed

Monitoring	Status
Birds	Proposed
Water regime monitoring	Proposed
Plant community	Proposed
Plant species	Proposed
Animal species (please specify)	Proposed

## 6 - Additional material

### 6.1 - Additional reports and documents

#### 6.1.1 - Bibliographical references

D.M. 6 MARZO 1998 N. 59, PUBBLICATO NELLA GAZZETTA UFFICIALE N. 122 DEL 28 MAGGIO 1998.

PLANTAMURA G. & MANGANELLI G. (EDS.), 2006. CHECK-LIST DELLA FAUNA DEL PARCO REGIONALE DELLA MAREMMA. ENTE PARCO REGIONALE DELLA MAREMMA, ALBERESE (GR).

RONDININI, C., BATTISTONI, A., PERONACE, V., TEOFILI, C. (COMPILATORI), 2013. LISTA ROSSA IUCN DEI VERTEBRATI ITALIANI. COMITATO ITALIANO IUCN E MINISTERO DELL'AMBIENTE E DELLA TUTELA DEL TERRITORIO E DEL MARE, ROMA.

SFORZIA, BISDOMINI M., FANTI M., RABAI A., LANDI S., NOURISSON D.H., RENZI M., FASTELLI P., PEZZO F. (2015). MONITORAGGIO DEGLI EFFETTI DEI LAVORI CONTRO L'EROSIONE COSTIERA NEL PARCO REGIONALE DELLA MAREMMA. ENTE PARCO REGIONALE DELLA MAREMMA, ALBERESE (GR).

SFORZIA, TONELLI L., CORTÉS-SELVA F., MASTACCHI R., LANZI L., ANSELMIG., MARTINI G. & NAVIGLIO L. (2013). PIANO DI GESTIONE DEI SIC/SIR IT51A0039 [SIE 113 E A113(ZPS)] PALUDE DELLA TRAPPOLA E BOCCA D'OMBRONE, IT51A0014 [SIR 114] PINETA GRANDUCALE DELL'UCCELLINA E IT51A0015 [SIR 115] DUNE COSTIERE DEL PARCO DELL'UCCELLINA. ENTE PARCO REGIONALE DELLA MAREMMA, ALBERESE (GR).

#### 6.1.2 - Additional reports and documents

i. taxonomic lists of plant and animal species occurring in the site (see section 4.3)

<no file available>

ii. a detailed Ecological Character Description (ECD) (in a national format)

<no file available>

iii. a description of the site in a national or regional wetland inventory

<no file available>

iv. relevant Article 3.2 reports

<no file available>

v. site management plan

<no file available>

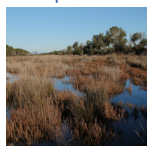
vi. other published literature

<no file available>

<no data available>

#### 6.1.3 - Photograph(s) of the Site

Please provide at least one photograph of the site:



Trappola marsh ( Giuseppe Anselmi, 20-12-2012 )



Glasswort and Limonium ( Giuseppe Anselmi, 27-09-2013 )



Overview Trappola marsh ( Giuseppe Anselmi, 20-12-2012 )



Trappola Beach ( Giuseppe Anselmi, 27-09-2013 )

#### 6.1.4 - Designation letter and related data

Designation letter

<1 file(s) uploaded>

Date of Designation 2016-10-13