



# 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 IT4060002  
SITENAME Valli di Comacchio

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## 1. SITE IDENTIFICATION

<b>1.1 Type</b> C	<b>1.2 Site code</b> IT4060002	<a href="#">Back to top</a>
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### 1.3 Site name

Valli di Comacchio

<b>1.4 First Compilation date</b> 1995-05	<b>1.5 Update date</b> 2021-12
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### 1.6 Respondent:

<b>Name</b>	Regione Emilia-Romagna - Direzione Generale Cura del territorio e dell'ambiente - Servizio Aree protette, foreste e
<b>/Organisation:</b>	sviluppo della montagna
<b>Address:</b>	Viale Aldo Moro, 30 - 40127 Bologna
<b>Email:</b>	segrprn@regione.emilia-romagna.it

### 1.7 Site indication and designation / classification dates

<b>Date site classified as SPA:</b>	1988-10
<b>National legal reference of SPA designation</b>	Nota del Ministero dell'Ambiente per Commissione CEE n. 2401/SCN /1.1.1 del 17 ottobre 1988
<b>Date site proposed as SCI:</b>	1995-06
<b>Date site confirmed as SCI:</b>	No data
<b>Date site designated as SAC:</b>	2019-03
<b>National legal reference of SAC designation:</b>	DM 13/03/2019 - G.U. 79 del 03-04-2019

## 2. SITE LOCATION

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

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**Longitude** 12.1781      **Latitude** 44.6194

## 2.2 Area [ha]:

16781.0

## 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

ITD5	Emilia-Romagna
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## 2.6 Biogeographical Region(s)

Continental (100.0  
%)

## 3. ECOLOGICAL INFORMATION

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## 3.1 Habitat types present on the site and assessment for them

Annex I Habitat types						Site assessment			
Code	PF	NP	Cover [ha]	Cave [number]	Data quality	A B C D	A B C		
						Representativity	Relative Surface	Conservation	Global
1140B			26.16		G	B	C	B	B
1150B			11557.75		G	A	B	A	A
1210B			2.12		G	B	C	B	B
1310B			27.91		G	A	C	A	A
1320B			0.15		G	B	C	B	B
1410B			159.3		G	A	C	A	B
1420B			215.31		G	A	C	A	A
2270B			32.07		G	B	C	B	B
3130B			3.84		G	B	C	B	B
3150B			84.19		G	B	C	B	B
3170B			0.41		G	B	C	B	B
6210B	X		30.6		G	B	C	B	B
6430B			0.07		G	B	C	B	B
6510B			0.79		G	D			
91AAB			13.49		G	B	C	B	B
91F0B			16.8		G	B	C	B	B
92A0B			24.61		G	C	C	C	C

- **PF:** for the habitat types that can have a non-priority as well as a priority form (6210, 7130, 9430) enter "X" in the column PF to indicate the priority form.
- **NP:** in case that a habitat type no longer exists in the site enter: x (optional)
- **Cover:** decimal values can be entered
- **Caves:** for habitat types 8310, 8330 (caves) enter the number of caves if estimated surface is not available.
- **Data quality:** G = 'Good' (e.g. based on surveys); M = 'Moderate' (e.g. based on partial data with some extrapolation); P = 'Poor' (e.g. rough estimation)

## 3.2 Species referred to in Article 4 of Directive 2009/147/EC and listed in Annex II of Directive 92/43/EEC and site evaluation for them

Species	Population in the site	Site assessment
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G	Code	Scientific Name	S	NP	T	Size		Unit	Cat.	D. qual.	A B C D			
						Min	Max				Pop.	Con.	Iso.	Glo.
B	A086	<a href="#">Accipiter nisus</a>			c				P	DD	C	C	C	C
B	A086	<a href="#">Accipiter nisus</a>			w				P	DD	C	C	C	C
B	A298	<a href="#">Acrocephalus arundinaceus</a>			r				P	DD	C	B	C	C
B	A298	<a href="#">Acrocephalus arundinaceus</a>			c				P	DD	C	B	C	C
B	A293	<a href="#">Acrocephalus melanopogon</a>			p				P	DD	C	B	C	C
B	A293	<a href="#">Acrocephalus melanopogon</a>			c				P	DD	C	B	C	C
B	A293	<a href="#">Acrocephalus melanopogon</a>			w				P	DD	C	B	C	C
B	A296	<a href="#">Acrocephalus palustris</a>			c				P	DD	C	B	C	C
B	A296	<a href="#">Acrocephalus palustris</a>			r				P	DD	C	B	C	C
B	A295	<a href="#">Acrocephalus schoenobaenus</a>			c				P	DD	C	B	C	B
B	A295	<a href="#">Acrocephalus schoenobaenus</a>			r				P	DD	C	B	C	B
B	A297	<a href="#">Acrocephalus scirpaceus</a>			r				P	DD	C	B	C	C
B	A297	<a href="#">Acrocephalus scirpaceus</a>			c				P	DD	C	B	C	C
B	A168	<a href="#">Actitis hypoleucos</a>			w	5	5	i		G	C	B	C	C
B	A168	<a href="#">Actitis hypoleucos</a>			c				P	DD	C	B	C	C
B	A168	<a href="#">Actitis hypoleucos</a>			p				P	DD	C	B	C	C
B	A247	<a href="#">Alauda arvensis</a>			w				C	DD	C	B	C	B
B	A247	<a href="#">Alauda arvensis</a>			p				P	DD	C	B	C	B
B	A247	<a href="#">Alauda arvensis</a>			r				C	DD	C	B	C	B
B	A247	<a href="#">Alauda arvensis</a>			c				C	DD	C	B	C	B
B	A229	<a href="#">Alcedo atthis</a>			r				P	DD	C	B	C	B
B	A229	<a href="#">Alcedo atthis</a>			w				P	DD	C	B	C	B
B	A229	<a href="#">Alcedo atthis</a>			p				P	DD	C	B	C	B
B	A229	<a href="#">Alcedo atthis</a>			c				P	DD	C	B	C	B
F	1103	<a href="#">Alosa fallax</a>			c				R	DD	C	B	B	C
B	A054	<a href="#">Anas acuta</a>			w	20	134	i		G	B	B	C	C
B	A054	<a href="#">Anas acuta</a>			c				P	DD	B	B	C	C
B	A056	<a href="#">Anas clypeata</a>			r	10	20	p		G	A	B	C	C
B	A056	<a href="#">Anas clypeata</a>			w	87	436	i		G	A	B	C	C
B	A056	<a href="#">Anas clypeata</a>			p				P	DD	A	B	C	C
B	A056	<a href="#">Anas clypeata</a>			c				P	DD	A	B	C	C
B	A052	<a href="#">Anas crecca</a>			p				P	DD	C	B	C	B
B	A052	<a href="#">Anas crecca</a>			w	138	557	i		G	C	B	C	B
B	A052	<a href="#">Anas crecca</a>			c				P	DD	C	B	C	B
B	A050	<a href="#">Anas penelope</a>			c				P	DD	C	B	C	C
B	A050	<a href="#">Anas penelope</a>			w	510	1732	i		G	C	B	C	C
B	A053	<a href="#">Anas platyrhynchos</a>			c				P	DD	B	B	C	C
B	A053	<a href="#">Anas platyrhynchos</a>			p				P	DD	B	B	C	C















B	A325	<a href="#">Parus palustris</a>			r				P	DD	C	C	C	C
B	A356	<a href="#">Passer montanus</a>			c				P	DD	C	B	C	C
B	A356	<a href="#">Passer montanus</a>			r				P	DD	C	B	C	C
B	A356	<a href="#">Passer montanus</a>			w				P	DD	C	B	C	C
B	A112	<a href="#">Perdix perdix</a>			p				P	DD	C	C	C	C
F	1095	<a href="#">Petromyzon marinus</a>			c				V	DD	D			
B	A392	<a href="#">Phalacrocorax aristotelis desmarestii</a>			w				P	DD	C	B	C	B
B	A017	<a href="#">Phalacrocorax carbo</a>			c				R	DD	C	B	B	C
B	A017	<a href="#">Phalacrocorax carbo</a>			w	363	661	i		G	C	B	B	C
B	A017	<a href="#">Phalacrocorax carbo</a>			p				R	DD	C	B	B	C
B	A393	<a href="#">Phalacrocorax pygmeus</a>			w				P	DD	C	C	C	C
B	A393	<a href="#">Phalacrocorax pygmeus</a>			c				P	DD	C	C	C	C
B	A170	<a href="#">Phalaropus lobatus</a>			c				P	DD	C	B	C	B
B	A151	<a href="#">Philomachus pugnax</a>			w				V	DD	C	A	C	B
B	A151	<a href="#">Philomachus pugnax</a>			c				C	DD	C	A	C	B
B	A035	<a href="#">Phoenicopterus ruber</a>			r	2000	2000	p	C	G	A	B	C	A
B	A035	<a href="#">Phoenicopterus ruber</a>			w	5000	11000	i	C	G	A	B	C	A
B	A035	<a href="#">Phoenicopterus ruber</a>			c				P	DD	A	B	C	A
B	A035	<a href="#">Phoenicopterus ruber</a>			p				P	DD	A	B	C	A
B	A315	<a href="#">Phylloscopus collybita</a>			w				P	DD	C	C	C	C
B	A315	<a href="#">Phylloscopus collybita</a>			c				P	DD	C	C	C	C
B	A315	<a href="#">Phylloscopus collybita</a>			r				P	DD	C	C	C	C
B	A235	<a href="#">Picus viridis</a>			p				P	DD	C	B	C	C
B	A235	<a href="#">Picus viridis</a>			r				R	DD	C	B	C	C
B	A235	<a href="#">Picus viridis</a>			c				R	DD	C	B	C	C
B	A235	<a href="#">Picus viridis</a>			w				R	DD	C	B	C	C
B	A034	<a href="#">Platalea leucorodia</a>			p				R	DD	A	A	B	A
B	A034	<a href="#">Platalea leucorodia</a>			w	12	12	i		G	A	A	B	A
B	A034	<a href="#">Platalea leucorodia</a>			r	39	55	p		G	A	A	B	A
B	A034	<a href="#">Platalea leucorodia</a>			c				P	DD	A	A	B	A
B	A032	<a href="#">Plegadis falcinellus</a>			c				V	DD	C	B	C	B
B	A032	<a href="#">Plegadis falcinellus</a>			w				V	DD	C	B	C	B
B	A140	<a href="#">Pluvialis apricaria</a>			c				C	DD	B	B	C	A
B	A140	<a href="#">Pluvialis apricaria</a>			w				P	DD	B	B	C	A
B	A141	<a href="#">Pluvialis squatarola</a>			c				P	DD	C	B	C	B
B	A141	<a href="#">Pluvialis squatarola</a>			w	50	100	i		G	C	B	C	B
B	A007	<a href="#">Podiceps auritus</a>			w				P	DD	B	C	B	B
B	A005	<a href="#">Podiceps cristatus</a>			w	259	1561	i		G	C	B	C	C
B	A005	<a href="#">Podiceps cristatus</a>			r				P	DD	C	B	C	C
B	A005	<a href="#">Podiceps cristatus</a>			c				P	DD	C	B	C	C
B	A005	<a href="#">Podiceps cristatus</a>			p				P	DD	C	B	C	C
B	A008	<a href="#">Podiceps nigricollis</a>			w	143	1396	i		G	C	B	C	C
B	A008	<a href="#">Podiceps nigricollis</a>			c				P	DD	C	B	C	C
F	1154	<a href="#">Pomatoschistus canestrinii</a>			p				P	DD	C	B	C	A
B	A120	<a href="#">Porzana parva</a>			r				P	DD	C	B	C	C





B	A142	<a href="#">Vanellus vanellus</a>			c				C	DD	C	B	C	C
B	A142	<a href="#">Vanellus vanellus</a>			w	70	1070	i		G	C	B	C	C

- **Group:** A = Amphibians, B = Birds, F = Fish, I = Invertebrates, M = Mammals, P = Plants, R = Reptiles
- **S:** in case that the data on species are sensitive and therefore have to be blocked for any public access enter: yes
- **NP:** in case that a species is no longer present in the site enter: x (optional)
- **Type:** p = permanent, r = reproducing, c = concentration, w = wintering (for plant and non-migratory species use permanent)
- **Unit:** i = individuals, p = pairs or other units according to the Standard list of population units and codes in accordance with Article 12 and 17 reporting (see [reference portal](#))
- **Abundance categories (Cat.):** C = common, R = rare, V = very rare, P = present - to fill if data are deficient (DD) or in addition to population size information
- **Data quality:** G = 'Good' (e.g. based on surveys); M = 'Moderate' (e.g. based on partial data with some extrapolation); P = 'Poor' (e.g. rough estimation); VP = 'Very poor' (use this category only, if not even a rough estimation of the population size can be made, in this case the fields for population size can remain empty, but the field "Abundance categories" has to be filled in)

### 3.3 Other important species of flora and fauna (optional)

Species					Population in the site				Motivation						
Group	CODE	Scientific Name	S	NP	Size		Unit	Cat.	Species Annex		Other categories				
					Min	Max		C R V P	IV	V	A	B	C	D	
P		<a href="#">Bassia hirsuta</a>						P			X				
A	6962	<a href="#">Bufo viridis Complex</a>						P	X						
I		<a href="#">Calomera littoralis nemoralis</a>						P						X	
P		<a href="#">Centaurea tommasinii</a>						P						X	
R	1281	<a href="#">Elaphe longissima</a>						P	X						
M	1327	<a href="#">Eptesicus serotinus</a>						P	X						
F	5655	<a href="#">Gasterosteus aculeatus</a>						V			X				
P		<a href="#">Halocnemum cruciatum</a>						P						X	
P		<a href="#">Halocnemum strobilaceum</a>						P			X				
R	5670	<a href="#">Hierophis viridiflavus</a>						P	X						
A	5358	<a href="#">Hyla intermedia</a>						P	X						
M	5365	<a href="#">Hypsugo savii</a>						P	X						
P		<a href="#">Limonium bellidifolium</a>						P			X				
P		<a href="#">Limonium densissimum</a>						P						X	
M	1331	<a href="#">Nyctalus leisleri</a>						P	X						
M	1312	<a href="#">Nyctalus noctula</a>						P	X						
A	6976	<a href="#">Pelophylax esculentus</a>						P		X					
I		<a href="#">Phytoecia vulneris vulneris</a>						P						X	
M	2016	<a href="#">Pipistrellus kuhlii</a>						P	X						
P		<a href="#">Plantago cornutii</a>						P			X				
R	1250	<a href="#">Podarcis sicula</a>						P	X						
F	5821	<a href="#">Rutilus aula</a>						P				X			
P		<a href="#">Spartina maritima</a>						P						X	
I		<a href="#">Sympetrum depressiusculum</a>						P						X	
P		<a href="#">Triglochin maritimum</a>						P						X	
P		<a href="#">Tripidium ravennae</a>						P						X	
I	1033	<a href="#">Unio elongatulus</a>						P		X					

I	6943	<a href="#">Zerynthia cassandra</a>					P	X						
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- **Group:** A = Amphibians, B = Birds, F = Fish, Fu = Fungi, I = Invertebrates, L = Lichens, M = Mammals, P = Plants, R = Reptiles
- **CODE:** for Birds, Annex IV and V species the code as provided in the reference portal should be used in addition to the scientific name
- **S:** in case that the data on species are sensitive and therefore have to be blocked for any public access enter: yes
- **NP:** in case that a species is no longer present in the site enter: x (optional)
- **Unit:** i = individuals, p = pairs or other units according to the standard list of population units and codes in accordance with Article 12 and 17 reporting, (see [reference portal](#))
- **Cat.:** Abundance categories: C = common, R = rare, V = very rare, P = present
- **Motivation categories:** **IV, V:** Annex Species (Habitats Directive), **A:** National Red List data; **B:** Endemics; **C:** International Conventions; **D:** other reasons

## 4. SITE DESCRIPTION

### 4.1 General site character

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Habitat class	% Cover
N14	1.0
N12	5.0
N02	90.0
N23	1.0
N06	3.0
<b>Total Habitat Cover</b>	<b>100</b>

### Other Site Characteristics

La Laguna di Comacchio è costituita da una grande valle salmastra, ricca di barene ricoperte da vegetazione alofila; è attraversata da sud a nord dal cordone fossile sabbioso che costituisce la penisola di Boscoforte; l'area a ovest di Boscoforte presenta acque più aperte, rispetto alla zona ad est abbondante di dossi; la parte nord-est è costituita dalle Saline di Comacchio e a nord si trovano le acque aperte della Valle Fattibello. Nella parte nord-ovest del Sito si trovano la Valle Pega e la Valle Zavelea con acque dolci, così come acque dolci si trovano a sud-ovest in Valle Umana e in numerosi bacini isolati a scopo itticolturale.

### 4.2 Quality and importance

Specie vegetali CORINE appendice K: *Bassia hirsuta*. RARISSIME e MINACCIATE: *Triglochin maritimum*, *Bassia hirsuta*, *Halocnemum strobilaceum*. RARE e MINACCIATE: *Plantago cornuti*, *Limonium bellidifolium*. È uno dei siti più importanti d'Europa per Laridi (*Larus melanocephalus*, *Larus ridibundus*, *Larus genei*) e Sternidi (*Gelochelidon nilotica*, *Sterna sandvicensis*, *Sterna bengalensis*, *Sterna hitundo*, *Sterna albifrons*) nidificanti. Inoltre nidificano *Platalea leucorodia*, *Egretta alba*, *Recurvirostra avosetta*, *Himantopus himantopus*. Altre specie importanti sono *Tadorna tadorna*, con 77 coppie, *Anas strepera*, *Tringa totanus*, *Charadrius alexandrinus*. Importante anche per lo svernamento di grandi contingenti di *Egretta alba*, Anatidae e *Fulica atra*. Per la Pianura Padana è l'ultimo sito dove in passato veniva segnalata *Lutra lutra*, e uno degli ultimi d'Italia. *Pomatoschistus canestrini* e *Knipowitschia panizzae* trovano qui un habitat importante.

### 4.3 Threats, pressures and activities with impacts on the site

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

Negative Impacts			
Rank	Threats and pressures [code]	Pollution (optional) [code]	inside/outside [i o b]
M	G14		i
M	E01		i
M	F07		i
H	J01		b
M	B29		i

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

Rank: H = high, M = medium, L = low

Pollution: N = Nitrogen input, P = Phosphor/Phosphate input, A = Acid input/acidification,

T = toxic inorganic chemicals, O = toxic organic chemicals, X = Mixed pollutions

i = inside, o = outside, b = both

### 4.4 Ownership (optional)

### 4.5 Documentation

## 5. SITE PROTECTION STATUS (optional)

### 5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT04	99.9	IT00	0.1		

### 5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IT04	Parco Regionale Delta del Po	*	99.9

### 5.3 Site designation (optional)

## 6. SITE MANAGEMENT

### 6.1 Body(ies) responsible for the site management:

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Organisation:	ENTE GESTORE: Ente di Gestione per i Parchi e la Biodiversità Delta del Po
Address:	recapiti ed email consultabili sul web: <a href="http://ambiente.regione.emilia-romagna.it/it/parchi-natura2000/consultazione/enti-di-gestione/enti-gestione-parchi">http://ambiente.regione.emilia-romagna.it/it/parchi-natura2000/consultazione/enti-di-gestione/enti-gestione-parchi</a>
Email:	-

### 6.2 Management Plan(s):

An actual management plan does exist:

<input checked="" type="checkbox"/> Yes	Name: Piani di Gestione del sito IT4060002 - Valli di Comacchio Link: <a href="http://ambiente.regione.emilia-romagna.it/it/parchi-natura2000/rete-natura-2000/strumenti-di-gestione/misure-specifiche-di-conservazione-piani-di-gestione/elenco-documenti-approvati-per-sito-piani-di-gestione">http://ambiente.regione.emilia-romagna.it/it/parchi-natura2000/rete-natura-2000/strumenti-di-gestione/misure-specifiche-di-conservazione-piani-di-gestione/elenco-documenti-approvati-per-sito-piani-di-gestione</a>
<input type="checkbox"/> No, but in preparation	
<input type="checkbox"/> No	

### 6.3 Conservation measures (optional)

Le Misure Specifiche di Conservazione sono consultabili alla pagina web del sito: <http://ambiente.regione.emilia-romagna.it/it/parchi-natura2000/rete-natura-2000/siti/it4060002>

## 7. MAP OF THE SITES

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INSPIRE ID:

Map delivered as PDF in electronic format (optional)

Yes  No

Reference(s) to the original map used for the digitalisation of the electronic boundaries (optional).

223NO 223NE 205SO 205SE 1:25.000 UTM