



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 IT5130007
SITENAME Padule di Fucecchio

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1. SITE IDENTIFICATION

1.1 Type	1.2 Site code	Back to top
C	IT5130007	

1.3 Site name

Padule di Fucecchio

1.4 First Compilation date	1.5 Update date
1995-07	2019-12

1.6 Respondent:

Name/Organisation:	Regione Toscana - Direzione Ambiente ed Energia - Settore Tutela della Natura e del Mare
Address:	Via di Novoli, 26 - 50127 Firenze
Email:	parchiareeprotette_biodiversita@regione.toscana.it

1.7 Site indication and designation / classification dates

Date site classified as SPA:	2004-03
National legal reference of SPA designation	Del.C.R. n.6 del 21/01/2004
Date site proposed as SCI:	1995-06
Date site confirmed as SCI:	No data
Date site designated as SAC:	2016-05
National legal reference of SAC designation:	DM 24/05/2016 - G.U. 139 del 16-06-2016

2. SITE LOCATION

2.1 Site-centre location [decimal degrees]:

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Longitude 10.791389 Latitude 43.808889

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

2081.0 0.0

2.4 Sitelength [km]:

0.0

2.5 Administrative region code and name

NUTS level 2 code Region Name

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2.6 Biogeographical Region(s)

Mediterranean (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
3130			7.11		M	C	C	C	B
3150			9.66		M	C	C	B	C
3270			17.58		M	C	C	B	C
3280			2.01		M	D			
9160			2.75		M	D			
92A0			12.56		M	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			
G	Code	Scientific Name	S	NP	T	Size		Unit	Cat.	D. qual.	A B C D	A B C		
						Min	Max				Pop.	Con.	Iso.	Glo.
B	A293	Acrocephalus melanopogon			p				P	DD	C	A	B	B
B	A229	Alcedo atthis			r				P	DD	D			
B	A052	Anas crecca			w				P	DD	C	C	C	C
B	A053	Anas platyrhynchos			w				P	DD	C	C	C	C
B	A055	Anas querquedula			c				P	DD	C	B	C	C
B	A028	Ardea cinerea			w				P	DD	D			
B	A029	Ardea purpurea			r				P	DD	C	C	C	C
B	A024	Ardeola ralloides			r				P	DD	C	B	C	C
B	A222	Asio flammeus			c				V	DD	C	A	C	C
B	A060	Aythya nyroca			r				P	DD	D			
B	A021	Botaurus stellaris			r				P	DD	C	C	C	C
B	A025	Bubulcus ibis			r				P	DD	D			
B	A025	Bubulcus ibis			w				P	DD	D			
B	A025	Bubulcus ibis			c				P	DD	D			
B	A224	Caprimulgus europaeus			r	3	3	p		G	D			
B	A196	Chlidonias hybridus			c				C	DD	C	B	C	C
B	A197	Chlidonias niger			c				C	DD	C	B	C	C
B	A031	Ciconia ciconia			r				P	DD	D			
B	A031	Ciconia ciconia			c				P	DD	D			
B	A031	Ciconia ciconia			w				P	DD	D			
B	A081	Circus aeruginosus			c				P	DD	D			
B	A081	Circus aeruginosus			w				P	DD	D			
B	A081	Circus aeruginosus			r				P	DD	D			
B	A082	Circus cyaneus			w				P	DD	C	B	C	C
B	A084	Circus pygargus			c	2	2	i		DD	C	B	C	B
I	1044	Coenagrion mercuriale			p				P	DD	D			
B	A027	Egretta alba			r	30	45	p		G	C	B	C	B
B	A026	Egretta garzetta			r				P	DD	C	B	C	B
B	A103	Falco peregrinus			w	1	1	i		G	D			
P	4096	Gladiolus palustris			p				P	DD	C	B	C	B

B	A127	Grus grus			c				V	DD	C	B	C	C
B	A131	Himantopus himantopus			r				P	DD	D			
B	A131	Himantopus himantopus			c				P	DD	D			
B	A022	Ixobrychus minutus			r				P	DD	C	B	C	C
B	A338	Lanius collurio			r				P	DD	D			
B	A341	Lanius senator			r				R	DD	C	B	C	B
B	A292	Locustella luscinioides			r	30	40	p		G	C	B	C	B
I	1060	Lycaena dispar			p				R	DD	B	C	A	C
B	A152	Lymnocyrtus minimus			c				P	DD	D			
B	A073	Milvus migrans			c	1	1	i		DD	D			
B	A023	Nycticorax nycticorax			r				P	DD	C	B	C	B
B	A094	Pandion haliaetus			c				P	DD	C	B	C	C
B	A072	Pernis apivorus			c	1	1	i		DD	D			
B	A391	Phalacrocorax carbo sinensis			c				P	DD	D			
B	A391	Phalacrocorax carbo sinensis			r				P	DD	D			
B	A391	Phalacrocorax carbo sinensis			w				P	DD	D			
B	A151	Philomachus pugnax			c				C	DD	C	B	C	C
B	A035	Phoenicopterus ruber			c				R	DD	D			
B	A032	Plegadis falcinellus			r	2	12	p		G	A	B	C	B
B	A140	Pluvialis apricaria			w				R	DD	D			
B	A008	Podiceps nigricollis			c				R	DD	D			
B	A166	Tringa glareola			c				C	DD	C	B	C	C
A	1167	Triturus carnifex			p				P	DD	C	B	C	B

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

3.3 Other important species of flora and fauna (optional)

Species					Population in the site			Motivation						
Group	CODE	Scientific Name	S	NP	Size		Unit	Cat.	Species Annex		Other categories			
					Min	Max		C R V P	IV	V	A	B	C	D
I		Bagous (Bagous) nodulosus						R						X
I		Bagous puncticollis						R						X
I		Brachytron hafniense						R						X
P		Butomus umbellatus						P						X
I		Carabus alysidotus						R			X			
I		Carabus chlanthratus antonelli						R			X			
I		Chalcolestes viridis parvidens						R						X
I		Coenagrion pulchellum mediterraneum						R						X
R	1284	Coluber viridiflavus						P	X					
P		Eleocharis acicularis						P						X
I		Ergates faber						R						X
I		Erythromma viridulum						P						X
I		Heterocerus fuscus etruscus						P				X		
P		Hydrocharis morsus-ranae						C						X
I		Hygrobia tarda						P						X
M	1344	Hystrix cristata						C	X					
R		Lacerta bilineata						P					X	

I		Lestes dryas						R					X	
P		Leucojum aestivum						P						X
I		Libellula fulva						P						X
I		Lixus paraplecticus						P						X
M	1341	Musccardinus avellanarius						C	X					
M	1358	Mustela putorius						P		X				
P		Nuphar luteum						P						X
P		Nymphoides peltata						P						X
I		Planorbarius corneus						C						X
I		Planorbis carinatus						P						X
R	1256	Podarcis muralis						P	X					
R	1250	Podarcis sicula						P	X					
P		Potamogeton lucens						P						X
A	1209	Rana dalmatina						P	X					
A	1210	Rana esculenta						C		X				
P		Sagittaria sagittifolia						P			X			
A		Salamandra salamandra						V			X			
P	5239	Sphagnum subnitens						P		X				
P		Stachys palustris						P						X
I		Tapinotus sellatus						P						X
P		Utricularia australis						C			X			
I		Viviparus contectus						C						X
I	1053	Zerynthia polyxena						R	X					

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

4. SITE DESCRIPTION

4.1 General site character

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Habitat class	% Cover
N07	45.0
N06	5.0
N10	5.0
N20	5.0
N15	40.0
Total Habitat Cover	100

Other Site Characteristics

Ampia palude interna (la più estesa della Toscana) derivante da un antico specchio lacustre, costituita in parte da specchi d'acqua permanenti in parte da aree che si disseccano durante la stagione estiva.

4.2 Quality and importance

Area di grande importanza floristica e vagatazionale; presenta specie relitte e aspetti ormai rari di vegetazione idrofittica ed elfittica. Inclusa fra i siti ICBP per la presenza di varie specie di ardeidi (Nitticora, Garzetta, Sgarza ciuffetto, Tarabuso, Tarabusino e forse Airone rosso); segnalata come nidificante irregolare la Moretta tabaccata. Area importante per la sosta dei migratori, lo svernamento è limitatoo dall'attività venatoria. Limite meridionale di diffusione in Europa, di numerose specie di invertebrati paludicoli.

4.3 Threats, pressures and activities with impacts on the site

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

Negative Impacts			
Rank	Threats and pressures [code]	Pollution (optional) [code]	inside/outside [i o b]
L	H02		b
L	B01.02		i
H	H01		b
L	D01.01		i
H	J02.01		b
H	J02.06		b
L	D01.02		i
L	A08		b
L	A01		b

Positive Impacts			
Rank	Activities, management [code]	Pollution (optional) [code]	inside /outside [i o b]
H	J02.05.04		o
M	B02.05		o

H	I01		b
L	F03.02.03		i
L	J01		i
M	F03.01		i
M	E01.02		o
L	E01.03		i
M	K02.03		i
L	F02.03		i
L	A07		b
L	G01.02		i
L	J02.10		i

Rank: H = high, M = medium, L = low
Pollution: N = Nitrogen input, P = Phosphor/Phosphate input, A = Acid input/acidification,
T = toxic inorganic chemicals, O = toxic organic chemicals, X = Mixed pollutions
i = inside, o = outside, b = both

4.4 Ownership (optional)

Type		[%]
Public	National/Federal	0
	State/Province	0
	Local/Municipal	0
	Any Public	0
Joint or Co-Ownership		0
Private		100
Unknown		0
sum		100

4.5 Documentation

Archivio RENATO - Repertorio Naturalistico Toscano - Regione ToscanaComunicazione Paolo Emilio Tomei.Tomei P.E., Garbari F. - Indagini sulle zone umide della Toscana. I. Il Padule di Fucecchio., 1979, Lav Soc. Ital. Biogeogr., n.s., 6 (1976): 123-144.Caturegli F. - La Fauna - I Mammiferi (pp. 17-24), 1993, In: Piccola guida al Padule di Fucecchio., Centro di Ricerca Documentazione Formazione del Pa.Barbagli F., Petrini R, Sposimo P, Zarri E. - Check list degli uccelli del Padule di Fucecchio., 1993, Quad. Mus. Stor. Nat. Livorno, 13: in stampa.Comunicazione Stefano Vanni.Simonetta A. - L'attuale situazione faunistica del Padule di Fucecchio e prospettive per il suo futuro sviluppo (pp. 207-216)., 1980, In: Consorzio Bonifica del Padule di Fucecchio. Progetto pilota per la salvaguardia e la valorizzazi, Arti Grafiche Giorgi & Gambi, Firenze.Casini P.M. - Distribution and voltinismof Lycaena dispar Haw. (Lycaenidae) population of Northern Italy., 1981, Nota lepid., 4(1-2): 12-15.Comunicazione Fabio Terzani.Utzeri C. - Chalcolestes parvidens., 1994, Notul. Odonatol., 4(3): 37-56.Carfi S., Terzani F. - Note su alcune specie di Odonati toscani (Il contributo alla conoscenza degli Odonati italiani)., 1978, Redia, 61: 191-203.Comunicazione Leonardo Favilli.Bacci G. - Ricerche idrobiologiche sul Padule di Fucecchio. IV. Molluschi., 1938, Boll. Pesca Piscic. Idrobiol., 14: 1-8.Cassola F. - Un altro interessante reperto al Lago di Montepulciano (Siena): il Carabus clathratus antonellii Luigioni (Coleoptera Carabidae)., 1980, Atti Sc. toscana Sci. Nat. resid. Pisa Mem. Ser. B, 86: 249-252.Angelini F. - Catalogo topografico dei Coleoptera Haliplidae, Hygrobiidae, Dytiscidae e Gyrinidae d'Italia., 1982, Mem. Soc. Ent. Ital., 61: 45-126. Sama G., 1988, Coleoptera Cerambycidae. Catalogo topografico e sinonimico. Fauna d'Italia. XXVI., Calderini Ed., Bologna.Bordoni A., 1995, I Coleotteri del Padule di Fucecchio., Centro Ric., Docum. Promoz. Padule Fucecchio.Comunicazione Alessandro Mascagni.Pedrotti F. - Ricerche idrobiologiche sul Padule di Fucecchio. V. Insetti acquatici., 1959, Archivio Zoologico italiano, vol. 44.Arcamone E. Tellini G. 1992 Cronaca ornitologica toscana: 1988-1989 Quaderni del Museo di Storia Naturale di Livorno 12: 37-69.Comunicazione Centro Ornitologico Toscano.

5. SITE PROTECTION STATUS (optional)

5.1 Designation types at national and regional level:

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Code	Cover [%]	Code	Cover [%]	Code	Cover [%]
IT05	11.0				

5.2 Relation of the described site with other sites:

designated at national or regional level:

Type code	Site name	Type	Cover [%]
IT05	Bosco di Chiusi e Paduletta di Ramone	/	

5.3 Site designation (optional)

6. SITE MANAGEMENT

6.1 Body(ies) responsible for the site management:

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Organisation:	Regione Toscana
Address:	Via di Novoli, 26 - 50127 Firenze
Email:	parchiareeprotette_biodiversita@regione.toscana.it

6.2 Management Plan(s):

An actual management plan does exist:

☐ Yes

☐ No, but in preparation

☒ No

6.3 Conservation measures (optional)

7. MAP OF THE SITES

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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).

278NO 266SO 1:25.000 UTM