

Catchment Area Datasheet

MedWet

Record code 200 Catchment code A010

Bacino Stagni di Focognano

Location

Latitude from 43 48 52 N to 43 50 59 N

Longitude from 11 8 33 E to 11 10 38 E

Altitude minimum (m) 32,00 Altitude maximum (m) 50,00

Physiographical information

Area (Km2) 5,69 River length (Km)

Meteorological data Minimum mean rainfall (mm)

Maximum mean rainfall (mm)
Minimum mean temperature (oC)

Dominant bioclimates Maximum mean temperature (oC)

1. %
2. %
3. %

Flow (Hm3/year)

Population, landcover and impacts

Number of villages/towns of

<1000 hab	
1000-10000 hab	2
10000-100000 hab	1

>100000 hab
Year of recording 1991

Percentage (%) of area devoted to

artificial surface	66,56
agricultural areas	21,98

forest/semi-natural areas	11,46
wetlands	

water bodies

Remarks

climate

Hydrology

Il bacino è delimitato a est dal Fosso Gora dell'Acqua Lunga e, da N a S lungo il confine corre il Canale Vecchio Gorile; questi canali confluiscono nel Collettore di Acque Basse che corre parallelo al Fosso Reale e al Collettore Sinistro di Acque Basse.

Il Collettore di Acque Basse poi confluisce nel Fosso Reale e questo nel fiume Bisenzio in Comune di Scandicci.

Il fiume Bisenzio confluisce nel Fiume Arno.

Geology

Tutto il bacino del sito ricade su terreno alluvionale recente e attuale risalente all'Olocene.

Population,

landcover

and impacts

I dati demografici sono ricavati dal censimento ISTAT 1991. I comuni interessati sono Calenzano, Campi Bisenzio, Sesto Fiorentino.

Uses

Impacts

Estesa urbanizzazione nelle aree circostanti il sito e presenza di stagni limitrofi a quelli di Focognano interessati dalle rotte di migrazione dell'avifauna con intensa pressione venatoria. Presenza della discarica di Case Passerini accanto al bacino del sito.

Presenza di assi stradali e ferroviari e previsioni progettuali per allargamento e realizzazione di nuove infrastrutture

- Diffusione di specie esotiche di fauna e flora
- Inquinamento ed eutrofizzazione delle acque
- Artificializzazione di fossi e canali

(Rif Bibl 374)

Date

12 / 11 / 2004

Site Datasheet

Record code 486 Site code IT51263302 Date 03/08/2004

Stagni di Focognano

1. Identification

Other codes

CORINE IWC
RAMSAR IBA IT083

2. Location

Latitude 43 49 19 N Altitude minimum (m) 34,70
Longitude 11 9 46 E Altitude maximum (m) 38,10

Administrative divisions

NUTS code Subdivision Cover
IT514 Campi Bisenzio 100,00

Catchment name Bacino Stagni di Focognano
Catchment code A010

Complexes

3. Description

Area (Ha) 33,30

Description

L'area costituisce un residuo del paesaggio pianiziale della piana alluvionale tra Firenze e Pistoia, all'interno del bacino del Fiume Bisenzio. I 5 specchi d'acqua sono temporanei con interventi di rinaturalizzazione e di recupero oltre che di gestione e mantenimento artificiale. Il sito fa parte di un complesso di laghi e stagni di origine spesso artificiale, formati o a seguito dell'escavazione di terra per la costruzione degli assi di comunicazione dell'autostrada e della ferrovia, oltre che per coprire la discarica di Case Passerini posta lungo il confine orientale dell'oasi, sia quali casse di espansione fluviale. All'esterno dell'ANPIL di Focognano gli stagni sono utilizzati prevalentemente a fini venatori. Anche all'interno dell'ANPIL della Querciola, nel Comune di Sesto Fiorentino è consentita l'attività venatoria.

3.1 Physiographical information

climate

Bioclimate

Mean temperature (oC)

Mean monthly temperature (oC)

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Mean rainfall (mm)

Mean monthly rainfall (mm)

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Meteorological station Case Passerini

Period of recording (years) from 0 to 0

Water regime

Inflow

Artificial
Rain only

Permanency

Non-permanent
Non-permanent

Outflow

None (evaporation only)

Inflow/outflow remarks

Presence of water

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4

1st character (spatial scale): 1- totally dry; 2- partially flooded; 3- totally flooded.

2nd character (permanency scale): 1- never flooded; 2- exceptionally flooded; 3- regularly flooded; 4- permanently flooded.

Hydrology remarks

I laghi Calvano e Monte Morello sono permanentemente allagati e quelli di Calice, Acqualunga e Focognano solo stagionalmente. Vi sono poi 3 acquitrini, posti nella parte Nord, Sud e al centro del sito occupati da prati umidi.

Geology/ Geomorphology

Il sito ricade su terreni alluvionali recenti e attuali risalenti all'Olocene

3.2. Ecological information

Code **Ramsar wetland types** **Cover %**

Ecological importance

4. Values

4.1. Ramsar criteria

Code **Description**

4.2. Values

Code **I** **N** **R** **L** **Description**

I=International, N=National, R=Regional, L=Local

1=insufficient information, 2=Low significance at this level, 3=Moderate significance at this level,

4=High significance at this level

5. Status

Code	Designation	Legislation	Cover %
INC1	pSIC "Stagni della Piana Fiorentina"	D.P.R. 357/97 e succ modif e integraz L.R. 56/00 e succ modif e integraz Del C.R. 6/2004 Misure di conservazione Del C,R. 644/2004	100,00
IND1	ZPS "Stagni della Piana Fiorentina"	Dir. 79/409/CEE L.R. 56/00 e succ modif e integraz Del C.R. 06/2004 Misure di conservazione Del C.R. 644/2004	100,00
IT13	Vincolo idrogeologico	R.D. n° 3267/1923 L.R. 39/00 e succ modif e integraz	100,00
IT04	ANPIL "Stagni di Focognano"		100,00

Site tenure

Proprietà del Comune di Campi Bisenzio

Site status/management

Il Regolamento dell'ANPIL è stato approvato dal Comune di Campi Bisenzio con Del C.C. n° 111/1998. Le attività di gestione sono effettuate dal Comune di Campi Bisenzio in collaborazione con il WWF Italia ONLUS

Additional info

6. Habitats

Code	Permanency	Salinity	Area (ha)	Max. depth (m)	Condition	Artificiality	pH
P - O S P F N	Permanent	Fresh (<0.5 g/l)	32,00	0,50	Original vegetation/landform totally changed	Partially controlled	Unknown
P - E P L - N	Permanent	Fresh (<0.5 g/l)	4,40	0,20	Original vegetation/landform totally changed	Partially controlled	Unknown
P - S V S F N	Seasonal	Fresh (<0.5 g/l)	1,30		Original vegetation/landform totally changed	Partially controlled	Unknown
P - E N S F N	Seasonal	Fresh (<0.5 g/l)	0,10		Original vegetation/landform totally changed	Partially controlled	Unknown
P - S S S F N	Seasonal	Fresh (<0.5 g/l)	0,30		Original vegetation/landform totally changed	Partially controlled	Unknown
P - F D T F	Temporary/Intermittent	Fresh (<0.5 g/l)	2,50		Original vegetation/landform partially modified (10-50% untouched)	Naturally flooded	Unknown
P - E P S - E	Seasonal	Fresh (<0.5 g/l)	2,60		Original vegetation/landform totally	Partially controlled	Unknown

P - E P S - E	Seasonal	Fresh (<0.5 g/l)	18,00		changed	Original vegetation/landform highly modified (<10% untouched)	Naturally Unknown flooded
P - A A P F E	Permanent	Fresh (<0.5 g/l)	0,01	0,40		Original vegetation/landform totally changed	Naturally Unknown flooded
P - E P T	-Temporary/Intermittent	Fresh (<0.5 g/l)	0,20			Original vegetation/landform totally changed	Naturally Unknown flooded
P - E P S -	Seasonal	Fresh (<0.5 g/l)	1,10			Original vegetation/landform partially modified (10-50% untouched)	Naturally Unknown flooded
P - E P S - P	Seasonal	Fresh (<0.5 g/l)	3,20			Original vegetation/landform totally changed	Naturally Unknown flooded
P - E P T	-Temporary/Intermittent	Fresh (<0.5 g/l)	0,01			Original vegetation/landform totally changed	Partially Unknown controlled
P - S S T F	Temporary/Intermittent	Fresh (<0.5 g/l)	0,10			Original vegetation/landform totally changed	Partially Unknown controlled

7. Flora

Species	Dominance type	Cover	Height
<i>Alisma plantago-aquatica</i>		Present	< 1 metre
<i>Arundo donax</i>		Present	1 to 3 metres

<i>Callitriche stagnalis</i>	Present	< 1 metre
<i>Calystegia sepium</i>	Present	1 to 3 metres
<i>Carex otrubae</i>	Present	< 1 metre
<i>Carex riparia</i>		< 1 metre
<i>Elodea canadensis</i>		< 1 metre
<i>Hydrocharis morsus-ranae</i>		< 1 metre
<i>Orchis laxiflora</i>		< 1 metre
<i>Ranunculus trichophyllus trichophyllus</i>	Present	< 1 metre
<i>Sium latifolium</i>		< 1 metre
<i>Veronica beccabunga</i>		1 to 3 metres
<i>Eupatorium cannabinum</i>	Present	1 to 3 metres
<i>Iris pseudacorus</i>	Present	< 1 metre
<i>Lemna gibba</i>	Present	< 1 metre
<i>Lemna minor</i>	Present	< 1 metre
<i>Lythrum salicaria</i>	Present	1 to 3 metres
<i>Paspalum paspalodes</i>	Present	< 1 metre
<i>Phragmites australis</i>	11 - 25%	1 to 3 metres
<i>Polygonum hydropiper</i>	Present	< 1 metre
<i>Polygonum lapathifolium</i>	Present	< 1 metre
<i>Populus alba</i>	Present	< 1 metre
<i>Ranunculus aquatilis</i>	Present	< 1 metre
<i>Ranunculus ficaria</i>	Present	< 1 metre
<i>Ranunculus sardous</i>	Present	< 1 metre
<i>Ranunculus sceleratus</i>	Present	< 1 metre
<i>Salix alba</i>	Present	> 6 metres
<i>Salix cinerea</i>	Present	< 1 metre
<i>Sambucus nigra</i>	Present	3 to 6 metres
<i>Solanum dulcamara</i>	Present	1 to 3 metres
<i>Typha angustifolia</i>	Present	1 to 3 metres
<i>Typha latifolia</i>	Present	1 to 3 metres
<i>Sparganium erectum</i>	Present	1 to 3 metres
<i>Baldellia ranunculoides</i>	Present	< 1 metre
<i>Butomus umbellatus</i>	Present	< 1 metre
<i>Cyperus longus</i>	Present	1 to 3 metres
<i>Eleocharis palustris</i>	Present	< 1 metre
<i>Pulicaria dysenterica</i>	Present	< 1 metre
<i>Juncus effusus</i>	Present	1 to 3 metres
<i>Juncus inflexus</i>	Present	1 to 3 metres
<i>Juncus articulatus</i>	Present	< 1 metre
<i>Scolymus hispanicus</i>	Present	1 to 3 metres
<i>Ammi visnaga</i>	Present	< 1 metre
<i>Veronica anagallis-aquatica</i>	Present	< 1 metre
<i>Lythrum tribracteatum</i>	Present	< 1 metre
<i>Ulmus minor</i>	1 - 10%	> 6 metres
<i>Rubus ulmifolius</i>	1 - 10%	1 to 3 metres
<i>Silybum marianum</i>	Present	1 to 3 metres
<i>Dipsacus fullonum</i>	Present	1 to 3 metres
<i>Sambucus ebulus</i>	Present	1 to 3 metres
<i>Torilis arvensis</i>	Present	< 1 metre
<i>Cirsium arvense</i>	Present	1 to 3 metres
<i>Dactylis glomerata</i>	Present	< 1 metre
<i>Rumex conglomeratus</i>	Present	< 1 metre
<i>Lolium perenne</i>	Present	< 1 metre
<i>Mentha aquatica</i>	Present	< 1 metre
<i>Juncus conglomeratus</i>	Present	1 to 3 metres
<i>Carex pendula</i>	Present	1 to 3 metres

<i>Symphytum tuberosum</i>	Present	< 1 metre
<i>Verbena officinalis</i>	Present	< 1 metre
<i>Plantago lanceolata</i>	Present	< 1 metre
<i>Prunus spinosa</i>	Present	3 to 6 metres
<i>Cornus sanguinea</i>	Present	3 to 6 metres
<i>Convolvulus arvensis</i>	Present	< 1 metre
<i>Lotus corniculatus</i>	Present	< 1 metre
<i>Picris echioides</i>	Present	1 to 3 metres
<i>Tragopogon porrifolius</i>	Present	1 to 3 metres
<i>Medicago sativa</i>	Present	< 1 metre
<i>Galega officinalis</i>	Present	< 1 metre
<i>Potentilla reptans</i>	Present	< 1 metre
<i>Acer campestre</i>	Present	3 to 6 metres
<i>Rosa canina</i>	Present	1 to 3 metres
<i>Urtica dioica</i>	Present	1 to 3 metres
<i>Verbascum nigrum</i>	Present	< 1 metre
<i>Lavatera punctata</i>	Present	< 1 metre
<i>Artemisia verlotiorum</i>	Present	1 to 3 metres
<i>Aristolochia clematitis</i>	Present	< 1 metre
<i>Hypericum perforatum</i>	Present	< 1 metre
<i>Galium album</i>	Present	< 1 metre
<i>Populus nigra</i>	1 - 10%	> 6 metres
<i>Nymphaea alba</i>	Present	< 1 metre
<i>Lycopus europaeus</i>	Present	< 1 metre
<i>Plantago major</i>	Present	< 1 metre
<i>Thalictrum flavum</i>	Present	1 to 3 metres
<i>Arctium minus</i>	Present	< 1 metre
<i>Galium spurium</i>	Present	< 1 metre
<i>Arum italicum</i>	Present	< 1 metre
<i>Rhamnus alaternus</i>	Present	1 to 3 metres
<i>Tussilago farfara</i>	Present	< 1 metre
<i>Malva sylvestris</i>	Present	< 1 metre
<i>Matricaria chamomilla</i>	Present	< 1 metre
<i>Epilobium hirsutum</i>	Present	1 to 3 metres
<i>Althaea cannabina</i>	Present	1 to 3 metres
<i>Humulus lupulus</i>	Present	1 to 3 metres
<i>Equisetum telmateia</i>	Present	< 1 metre
<i>Cichorium intybus</i>	Present	< 1 metre

8.1. Fauna, Birds

Species	Status	Number	Abundance	Pairs	Recording date	
					Month	Year
<i>Cettia cetti</i>	Breeding		Common		0	0
<i>Cisticola juncidis</i>	Breeding		Common		0	0
<i>Acrocephalus arundinaceus</i>	Breeding		Common		0	0
<i>Remiz pendulinus</i>	Breeding		Common		0	0
<i>Sturnus vulgaris</i>	Breeding		Common		0	0
<i>Passer italiae</i>	Breeding		Common		0	0
<i>Serinus serinus</i>	Breeding		Common		0	0
<i>Carduelis chloris</i>	Breeding		Common		0	0
<i>Carduelis carduelis</i>	Breeding		Common		0	0
<i>Podiceps cristatus</i>	Breeding		Common		0	0
<i>Alcedo atthis</i>	Breeding		Common		0	0

<i>Acrocephalus scirpaceus</i>	Breeding	Common	0	0
<i>Podiceps nigricollis</i>	Staging	Rare	0	0
<i>Nycticorax nycticorax</i>	Staging	Common	0	0
<i>Egretta garzetta</i>	Resident	Common	0	0
<i>Ardea purpurea</i>	Staging	Common	0	0
<i>Anas crecca</i>	Wintering	Common	0	0
<i>Anas clypeata</i>	Staging	Common	0	0
<i>Circus aeruginosus</i>	Staging	Common	0	0
<i>Philomachus pugnax</i>	Staging	Common	0	0
<i>Gallinago gallinago</i>	Staging	Common	0	0
<i>Actitis hypoleucos</i>	Staging	Common	0	0
<i>Larus cachinnans</i>	Resident	Common	0	0
<i>Anas penelope</i>	Staging	Common	0	0
<i>Anas acuta</i>	Staging	Common	0	0
<i>Limosa limosa</i>	Staging	Common	0	0
<i>Tringa nebularia</i>	Staging	Common	0	0
<i>Tringa stagnatilis</i>	Staging	Rare	0	0
<i>Tringa totanus</i>	Staging	Common	0	0
<i>Ardea cinerea</i>	Resident	Common	0	0
<i>Ardea alba</i>	Resident	Common	0	0
<i>Tachybaptus ruficollis</i>	Breeding	Common	0	0
<i>Ixobrychus minutus</i>	Breeding	Common	0	0
<i>Falco tinnunculus</i>	Breeding	Common	0	0
<i>Gallinula chloropus</i>	Breeding	Common	0	0
<i>Fulica atra</i>	Breeding	Common	0	0
<i>Himantopus himantopus</i>	Breeding	Common	0	0
<i>Cuculus canorus</i>	Breeding	Common	0	0
<i>Motacilla alba</i>	Resident	Common	0	0
<i>Saxicola torquata</i>	Breeding	Common	0	0
<i>Turdus merula</i>	Breeding	Common	0	0

8.2. Fauna, Mammals

Species	Status	Number	Abundance	Pairs	Recording date	
					Month	Year
<i>Vulpes vulpes</i>	Resident		Common		0	0

8.3. Fauna, Fishes

Species	Abundance	Recording date	
		Month	Year
<i>Tinca tinca</i>		0	0
<i>Carassius carassius</i>		0	0
<i>Cyprinus carpio</i>		0	0
<i>Ictalurus melas</i>		0	0

8.4. Fauna, Amphibians

Species	Number	Abundance	Recording date	
			Month	Year
<i>Triturus cristatus</i>			0	0
<i>Triturus vulgaris</i>			0	0
<i>Hyla intermedia</i>			0	0
<i>Bufo bufo</i>			0	0
<i>Rana esculenta complex</i>			0	0

8.5. Fauna, Reptiles

Species	Number	Abundance	Recording date	
			Month	Year
<i>Natrix natrix</i>			0	0
<i>Coluber viridiflavus</i>			0	0
<i>Lacerta viridis</i>			0	0
<i>Podarcis muralis</i>			0	0
<i>Podarcis sicula</i>			0	0

8.6. Fauna, Invertebrates

Species	Abundance	Recording date	
		Month	Year
<i>Haliplus obliquus</i>		0	0
<i>Haliplus lineaticollis</i>		0	0
<i>Haliplus ruficollis</i>		0	0
<i>Haliplus fluviatilis</i>		0	0
<i>Haliplus heydeni</i>		0	0
<i>Haliplus mucronatus</i>		0	0
<i>Haliplus fulvus</i>		0	0
<i>Haliplus variegatus</i>		0	0
<i>Haliplus guttatus</i>		0	0
<i>Gyrinus substriatus</i>		0	0
<i>Hyphydrus aubei</i>		0	0
<i>Hydrovatus cuspidatus</i>		0	0
<i>Bidessus minutissimus</i>		0	0
<i>Hydroglyphus pusillus</i>		0	0
<i>Hygrotus inaequalis</i>		0	0
<i>Hydroporus pubescens</i>		0	0
<i>Hydroporus palustris</i>		0	0
<i>Hydroporus piceus</i>		0	0
<i>Hydroporus tessellatus</i>		0	0
<i>Hydroporus sanfilippoi</i>		0	0
<i>Hydroporus memnonius</i>		0	0
<i>Porhydrus lineatus</i>		0	0
<i>Graptodytes varius</i>		0	0
<i>Graptodytes concinnus</i>		0	0
<i>Graptodytes concinnus</i>		0	0
<i>Graptodytes veterator</i>		0	0
<i>Graptodytes granularis</i>		0	0
<i>Graptodytes bilineatus</i>		0	0

<i>Scarodytes halensis</i>	0	0
<i>Potamonectes luctuosus</i>	0	0
<i>Noterus clavicornis</i>	0	0
<i>Laccophilus variegatus</i>	0	0
<i>Agabus brunneus</i>	0	0
<i>Agabus didymus</i>	0	0
<i>Agabus bipustulatus</i>	0	0
<i>Agabus paludosus</i>	0	0
<i>Agabus nebulosus</i>	0	0
<i>Agabus biguttatus</i>	0	0
<i>Agabus melanocornis</i>	0	0
<i>Ilybius ater</i>	0	0
<i>Ilybius obscurus</i>	0	0
<i>Ilybius fuliginosus</i>	0	0
<i>Rhantus pulverosus</i>	0	0
<i>Rhantus bistriatus</i>	0	0
<i>Colymbetes fuscus</i>	0	0
<i>Hydaticus seminiger</i>	0	0
<i>Hydaticus leander</i>	0	0
<i>Graphoderus austriacus</i>	0	0
<i>Graphoderus cinereus</i>	0	0
<i>Dytiscus dimidiatus</i>	0	0
<i>Dytiscus marginalis</i>	0	0
<i>Dytiscus circumflexus</i>	0	0
<i>Cybister lateralimarginalis</i>	0	0
<i>Peltodytes rotundatus</i>	0	0
<i>Peltodytes caesus</i>	0	0
<i>Heteroceris fenestratus</i>	0	0
<i>Heteroceris flavidus</i>	0	0

Activities and Impacts

Code	Description	Position	Trend	Importance	Cover %	Impact	Scale
Position		1- inside; 2- outside; 3-both					
Trend			1st character: 0-unknown; 1-past; 2-present; 3-previous; 2nd character: 0-unknown; 1-increasing; 2-decreasing; 3-extinguished; 4-stable				
Importance				1st character: 1-subsistence level; 2-local; 3-regional; 4-national; 2nd character: 0-insufficient information; 1-low importance; 2-importance; 3-high importance			
SCALE							0-Unknown, 1-No major effect on major wetland values, 2-Some effect on major values but not significant, 3-Some reduction of major wetland values, 4-Significant reduction of major wetland values, 5-Loss of one or more wetland values, 6-Some enhancement of wetland values, 7-Significant enhancement of wetland values

References

Author name	Year	Title	Publisher
Tomei P.E., Guazzi E.	1993	Le zone umide della Toscana. Lista generale delle entità vegetali	Atti Mus. Stor. Nat. Grosseto, 15: 107-152.
Marsili Libelli S.	1988	Osmannoro, l'ultima acqua.	Edizioni poligrafico fiorentino.
Rocchi Saverio, 1991	1991	Idrodefagi del Padule di Fucecchio e deglle altre principali zone palustri della Toscana. (Coleoptera: Haliplidae, Hygrobiidae, Gyrinidae, Dytiscidae)	Redia
Mascagni Alessandro	1987	Eteroceridi del Bacino del Fiume Arno. Pars II. Note Faunistiche ed Ecologiche. (III contributo alla conoscenza degli eteroceridi della Toscana)	Atti Mus. Civ. Stor. Nat. Grosseto

List of Key Contacts

MedWet

Stagni di Focognano

486 - IT51263302

Key Contact		Città	Telefono	Fax	mail
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ARPAT- Ecosistemi palustri e laghi	Via Vallisneri, 6 55100	Lucca			areepalustri@arpat.toscana.it m.cenni@arpat.toscana.it
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List of Maps

MedWet

Stagni di Focognano

CTR foglio 263140 "Campi Bisenzio" Regione Toscana
CTR foglio 263150 "Sesto Fiorentino" Regione Toscana

486 - IT51263302
2001
2001

List of Aerial Photographs

MedWet

Stagni di Focognano

foglio 263140 "Campi Bisenzio" B/W AGEA (Agenzia per le Erogazioni in Agricoltura) ex AIMA
foglio 263150 "Sesto Fiorentino" B/W AGEA (Agenzia per le Erogazioni in Agricoltura) ex AIMA

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2002
2002