



UNIVERSITÀ
degli STUDI
di CATANIA



ITG25SAR0157 - Bonifica di Puzzinosi

General information

Basic information

Wetland location:	Inland
Natural / Artificial:	Natural
Wetland type:	Marsh / Swamp
Area (Ha):	76.2
Hydrological interaction with other wetland:	Yes - ITG25SAR0158; ITG25SAR1903
Water salinity:	Brackish (5.0-18.0 g/l)
Hydroperiod:	Seasonal

Geographic information

Province:	Sassari
Autonomous region:	Sardinia
Island:	Sardinia
Municipality:	Stintino
Coordinates (WGS84):	8.243076 E - 40.885849 N

Wetland condition

Wetland condition:	3 - Original habitats/landform partially modified (10-50% untouched)
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Ramsar wetland types

Ramsar type	Coverage (%)
3 -- Irrigated land; includes irrigation channels and rice field	26 - 50
H -- Intertidal marshes; includes salt marshes, salt meadows, saltings, raised salt marshes; includes tidal brackish and freshwater marshes	5 - 25
Ss -- Seasonal/intermittent saline/brackish/alkaline marshes/pools	26 - 50

Protection statuses & other designations

Protection status

Protection status category	Protection status subcategory	Site name	Code	Coverage (%)	Legislation
Habitat and species protected area	Special Protection Area (SPA)	Stagno di Pilo, Casaraccio e Saline di Stintino	ITB013012	100	Delibera n. 9/17 del 07/03/2007

Habitat and species protected area	Special Area of Conservation (SAC)	Stagno di Pilo e di Casaraccio	ITB010002	100	DM 07/04/2017
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Important bird areas

IBA Code	Site name	Coverage (%)
IT172	Stagni di Casaraccio, Saline di Stintino e Stagni di Pilo	100

Ecosystem Services, Activities & Impacts

Activities on wetland

Activities	Intensity
100 = Cultivation	Medium
952 = eutrophication	Medium

Impacts

Impact type	Intensity
HF- = Habitat fragmentation	Medium
PSO = Sewage pollution of an unknown severity/duration	Medium
WGS = Drainage of swampland	Medium

Habitats & Vegetation

Habitat types

Habitat types	Coverage (%)
1410 Mediterranean salt meadows (<i>Juncetalia maritimi</i>)	26 - 50
1420 Mediterranean and thermo-Atlantic halophilous scrubs (<i>Sarcocornetea fruticosi</i>)	26 - 50
1510 * Mediterranean salt steppes (<i>Limonietalia</i>)	5 - 25
3130 Oligotrophic to mesotrophic standing waters with vegetation of the <i>Littorelletea uniflorae</i> and/or of the <i>Isoëto-Nanojuncetea</i>	< 5
5330 Thermo-Mediterranean and pre-desert scrub	5 - 25

Species

Flora

Species	Dominance	Reference
<i>Allium commutatum</i>	Present	Fois & Cuena 21.03.2019
<i>Allium savii</i>	Present	Fois & Cuena 21.03.2019
<i>Anacamptis papilionacea</i>	Present	Fois & Cuena 21.03.2019
<i>Arthrocaulon meridionale</i>	Present	Fois & Cuena 21.03.2019
<i>Asphodelus ramosus</i>	Present	Fois & Cuena 21.03.2019
<i>Bellis annua</i>	Present	Fois & Cuena 21.03.2019
<i>Carex acutiformis</i>	Present	Fois & Cuena 21.03.2019
<i>Eleocharis palustris</i>	Present	Fois & Cuena 21.03.2019
<i>Euphorbia pterococca</i>	Present	Fois & Cuena 21.03.2019
<i>Glyceria notata</i>	Present	Fois & Cuena 21.03.2019
<i>Halimione portulacoides</i>	Present	Fois & Cuena 21.03.2019
<i>Helichrysum microphyllum thyrrhenicum</i>	Present	Fois & Cuena 21.03.2019
<i>Hypochaeris achyrophorus</i>	Present	Fois & Cuena 21.03.2019

<i>Isolepis cernua</i>	Present	Fois & Cuena 21.03.2019
<i>Juncus acutus</i>	Present	Fois & Cuena 21.03.2019
<i>Juncus compressus</i>	Present	Biondi et al. 2001
<i>Juncus effusus</i>	Present	Fois & Cuena 21.03.2019
<i>Juncus pygmaeus</i>	Present	Fois & Cuena 21.03.2019
<i>Juncus subulatus</i>	Present	Fois & Cuena 21.03.2019
<i>Juniperus turbinata</i>	Present	Fois & Cuena 21.03.2019
<i>Limbarda crithmoides</i>	Present	Fois & Cuena 21.03.2019
<i>Limonium acutifolium acutifolium</i>	Present	Fois & Cuena 21.03.2019
<i>Limonium narbonense</i>	Present	Fois & Cuena 21.03.2019
<i>Ononis viscosa</i>	Present	Fois & Cuena 21.03.2019
<i>Ophrys tenthredinifera neglecta</i>	Present	Fois & Cuena 21.03.2019
<i>Pistacia lentiscus</i>	Present	Fois & Cuena 21.03.2019
<i>Ranunculus baudotii</i>	Present	Fois & Cuena 21.03.2019
<i>Ranunculus peltatus peltatus</i>	Present	Fois & Cuena 21.03.2019
<i>Romulea ramiflora</i>	Present	Fois & Cuena 21.03.2019
<i>Romulea requienii</i>	Present	Fois & Cuena 21.03.2019
<i>Salicornia fruticosa</i>	Present	Fois & Cuena 21.03.2019
<i>Salicornia procumbens</i>	Present	Fois & Cuena 21.03.2019
<i>Thymelaea hirsuta</i>	Present	Fois & Cuena 21.03.2019
<i>Triglochin bulbosa barrelieri</i>	Present	Fois & Cuena 21.03.2019

Fauna

Birds	Population	Nesting status	References
<i>Larus michahellis</i>	10-100		
<i>Ardea alba</i>	10-100		

References

Biondi, E., R. Filigheddu, and E. Farris. 2001. Il paesaggio vegetale della Nurra (Sardegna nord-occidentale). *Fitosociologia* 38(2):3-105.

Dettner, K. 1983. *Colymbetes schildknehti* a new water beetle from Sardinia with a key to European species of the genus *Colymbetes* (Coleoptera, Dytiscidae). *Aquatic Insects*, 5(1), 39-44.

Representative Image & Map

