



ES531FOR009 - S'Estany Pudent coastal lagoon and Ferrer salt pans

General information

Basic information

Wetland location:	Inland
Natural / Artificial:	Natural
Wetland type:	Lagoon
Area (Ha):	5.8
Hydrological interaction with other wetland:	Yes - FOR001 Salines de Formentera
Water salinity:	Salty (> 18.0 g/l)
Fresh water entry:	Catchment area (precipitation)
Surface water runoff:	Outflow channel
Open water area (%):	26 - 50
Hydroperiod:	Seasonal

Geographic information

Province:	Formentera
Autonomous region:	Baleeric Islands
Island:	Formentera
Municipality:	Formentera
Coordinates (WGS84):	1.436089 E - 38.726219 N

Wetland condition

Wetland condition:	2 - Original habitats/landform still predominant (>50%)
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Ramsar wetland types

Ramsar type	Coverage (%)
5 -- Salt exploitation sites; salt pans, salines, etc.	5 - 25
E — Sand, shingle or pebble shores	< 5
J — Coastal brackish/saline lagoons	76 - 95

Property status

Private

Protection statuses & other designations

Protection status

Protection status category	Protection status subcategory	Site name	Code	Coverage (%)	Legislation
Regional protection	Natural Park	Salines d'Eivissa i Formentera		100	
Other international protection	UNESCO World Heritage Site	Ibiza, Biodiversity and Culture	417rev	100	
Other international protection	Ramsar site	Ibiza and Formentera Saltpans	641	100	
Other international protection	Natura 2000	Ses Salines d'Eivissa i Formentera (LIC, ZEPA)	ES0000084	100	
Other	Urban planning regulations	Ses Salines-S'Estany Pudent	ANEI For-1	100	Ley 1/1991

Important bird areas

IBA Code	Site name	Coverage (%)
ES312	Ibiza and Formentera saltpans and Freus islands	100

Ecosystem Services, Activities & Impacts

Ecosystem Services

Type of Ecosystem service	Ecosystem service	Scale of Benefit	Importance
Cultural services	Cultural heritage		
Regulatory services	Erosion regulation		
Regulatory services	Flood hazard regulation		
Regulatory services	Storm hazard regulation		
Regulatory services	Water purification		
Supporting services	Nutrient cycling		
Supporting services	Provision of habitat		

Activities on wetland

Activities	Intensity
010 = Habitat conservation	High
030 = Species conservation	High
340 = Salt works	Medium
502 = roads motorways	High
504 = port areas	High
511 = electricity lines	Medium
600 = Sport and leisure structures	High
620 = Outdoor sports and leisure activities	High
623 = motorised vehicles	High
690 = Other leisure and tourism impacts not referred to above	High
701 = water pollution	High
710 = Noise nuisance	High
720 = Trampling overuse	High
853 = management of water levels	High
870 = Dykes embankments artificial beaches general	Medium
941 = inundation	High
954 = invasion by a species	High

Activities on drainage basin

Activities	Intensity
010 = Habitat conservation	High
030 = Species conservation	High
340 = Salt works	Medium

502 = roads motorways	Medium
504 = port areas	High
511 = electricity lines	Medium
600 = Sport and leisure structures	High
620 = Outdoor sports and leisure activities	High
621 = nautical sports	High
623 = motorised vehicles	High
690 = Other leisure and tourism impacts not referred to above	High
701 = water pollution	High
710 = Noise nuisance	High
720 = Trampling overuse	High
853 = management of water levels	High
870 = Dykes embankments artificial beaches general	High
941 = inundation	High
954 = invasion by a species	High

Impacts

Impact type	Intensity
AN- = Increase in noise	High
AS- = Loss of scenic value	High
EW- = Increase in wilderness/wildlife values	Medium
FCD = Loss of faunal diversity	High
FF- = Disruption of natural cycles/functions of faunal species	High
FFB = Disruption of breeding	High
HF- = Habitat fragmentation	High
LW- = Decrease in wilderness/wildlife values	High
SA- = Accretion/Deposition	Medium
VCD = Loss of floral diversity	Medium
WF- = Increase in flooding	High

Habitats & Vegetation

Habitat types

Habitat types	Coverage (%)
1150 * Coastal lagoons	> 95
1210 Annual vegetation of drift lines	< 5
1410 Mediterranean salt meadows (<i>Juncetalia maritimii</i>)	26 - 50
1420 Mediterranean and thermo-Atlantic halophilous scrubs (<i>Sarcocornetea fruticosi</i>)	5 - 25
1510 * Mediterranean salt steppes (<i>Limonietalia</i>)	< 5
2110 Embryonic shifting dunes	51 - 75
2120 Shifting dunes along the shoreline with <i>Ammophila arenaria</i> ('white dunes')	51 - 75
2190 Humid dune slacks	51 - 75
2210 - Crucianellion maritimae fixed beach dunes	51 - 75
2240 Brachypodietalia dune grasslands with annuals	51 - 75
2250 * Coastal dunes with <i>Juniperus</i> spp	51 - 75
3170 * Mediterranean temporary ponds	< 5

Species

Flora

Species	Dominance	Reference
<i>Ammophila arenaria</i> (Linnaeus) Link 1827		GEN-GOB Eivissa, 2003

<i>Arthrocnemum macrostachyum</i> (Moricand) K.Koch 1853	GEN-GOB Eivissa, 2003
<i>Cakile maritima</i> Scopoli 1772	GEN-GOB Eivissa, 2003
<i>Calystegia soldanella</i> (Linnaeus) R.Brown 1810	GEN-GOB Eivissa, 2003
<i>Carex extensa</i> Goodenough 1794	GEN-GOB Eivissa, 2003
<i>Crithmum maritimum</i> Linnaeus 1753	GEN-GOB Eivissa, 2003
<i>Crucianella maritima</i> Linnaeus 1753	GEN-GOB Eivissa, 2003
<i>Eryngium maritimum</i> Linnaeus 1753	GEN-GOB Eivissa, 2003
<i>Halimione portulacoides</i> (L.) Aellen 1938	GEN-GOB Eivissa, 2003
<i>Inula crithmoides</i> Linnaeus 1753	GEN-GOB Eivissa, 2003
<i>Juncus acutus</i> Linnaeus 1753	GEN-GOB Eivissa, 2003
<i>Juncus maritimus</i> de Lamarck 1789	GEN-GOB Eivissa, 2003
<i>Juniperus phoenicea</i> var. <i>turbinata</i> (Gussone) Nyman	GEN-GOB Eivissa, 2003
<i>Lotus cytisoides</i> Linnaeus 1753	GEN-GOB Eivissa, 2003
<i>Pancratium maritimum</i> Linnaeus 1753	GEN-GOB Eivissa, 2003
<i>Phragmites australis</i> (Cavaniilles) von Trinius ex v	GEN-GOB Eivissa, 2003
<i>Pinus halepensis</i> Miller 1768	GEN-GOB Eivissa, 2003
<i>Plantago coronopus</i> Linnaeus 1753	GEN-GOB Eivissa, 2003
<i>Polygonum maritimum</i> Linnaeus 1753	GEN-GOB Eivissa, 2003
<i>Salicornia ramosissima</i> J.Woods 1851	GEN-GOB Eivissa, 2003
<i>Sonchus maritimus</i> Linnaeus 1759	GEN-GOB Eivissa, 2003
<i>Suaeda vera</i> J.F.Gmelin 1791	GEN-GOB Eivissa, 2003
<i>Typha</i> sp.	GEN-GOB Eivissa, 2003

Fauna

Birds	Population	Nesting status	References
<i>Anas crecca</i> Linnaeus 1758	1-10	Not nesting	Manchado et al., 2017
<i>Anas platyrhynchos</i> Linnaeus 1758	1-10	Nesting	Planas et al., 2015
<i>Tadorna tadorna</i> Linnaeus 1758	10-100	Nesting	Manchado et al., 2017
<i>Actitis hypoleucus</i> (Linnaeus 1758)	1-10	Not nesting	Manchado et al., 2017
<i>Calidris alba</i> (Pallas 1764)	1-10	Not nesting	Manchado et al., 2017
<i>Calidris alpina</i> (Linnaeus 1758)	1-10	Not nesting	Manchado et al., 2017
<i>Calidris minuta</i> (Leisler 1812)	1-10	Not nesting	Manchado et al., 2017
<i>Charadrius alexandrinus</i> Linnaeus 1758	10-100	Nesting	Planas et al., 2015
<i>Himantopus himantopus</i> (Linnaeus 1758)	10-100	Nesting	Planas et al., 2015
<i>Recurvirostra avosetta</i> Linnaeus 1758	1-10	Nesting	Planas et al., 2015
<i>Tringa nebularia</i> (Gunnerus 1767)	1-10	Not nesting	Manchado et al., 2017
<i>Ardea cinerea</i> Linnaeus 1758	1-10	Not nesting	Manchado et al., 2017
<i>Egretta garzetta</i> (Linnaeus 1766)	1-10	Not nesting	Manchado et al., 2017
<i>Phalacrocorax carbo</i> (Linnaeus 1758)	10-100	Not nesting	Manchado et al., 2017
<i>Phoenicopterus roseus</i> Linnaeus 1758	10-100	Not nesting	Manchado et al., 2017
<i>Podiceps nigricollis</i> Brehm 1831	100-1000	Not nesting	Manchado et al., 2017

References

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Representative Image & Map



