



ES531FOR002 - S'Estany des Peix coastal lagoon

General information

Basic information

Wetland location:	Marine/Coastal
Natural / Artificial:	Natural
Wetland type:	Lagoon
Area (Ha):	116.9
Hydrological interaction with other wetland:	No - FOR009 S'Estany Pudent i Salines Ferrer
Water salinity:	Salty (> 18.0 g/l)
Fresh water entry:	Unconfined aquifer
Surface water runoff:	Outflow from lakeshore or river
Open water area (%):	> 95
Hydroperiod:	Permanent

Geographic information

Province:	Formentera
Autonomous region:	Balearic Islands
Island:	Formentera
Municipality:	Formentera
Coordinates (WGS84):	1.411378 E - 38.726069 N

Wetland condition

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

Ramsar wetland types

Ramsar type	Coverage (%)
5 -- Salt exploitation sites; salt pans, salines, etc.	< 5
A — Permanent shallow marine waters	76 - 95
H — Intertidal marshes	< 5

Property status

Maritime-Terrestrial Public Domain

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	S'Estany des Peix	ANEI For-2	100	Ley 1/1991

Important bird areas

IBA Code	Site name	Coverage (%)
ES312	Ibiza and Formentera saltpans and Freus islands	97

Ecosystem Services, Activities & Impacts

Ecosystem Services

Type of Ecosystem service	Ecosystem service	Scale of Benefit	Importance
Cultural services	Cultural heritage		
Cultural services	Recreation and tourism		
Provisioning services	Food		
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
220 = Leisure fishing	High
403 = dispersed habitation	High
501 = paths tracks cycling tracks	Medium
690 = Other leisure and tourism impacts not referred to above	High
701 = water pollution	High
954 = invasion by a species	High

Activities on drainage basin

Activities	Intensity
403 = dispersed habitation	Medium
501 = paths tracks cycling tracks	Medium
504 = port areas	Medium
511 = electricity lines	Low
690 = Other leisure and tourism impacts not referred to above	High
701 = water pollution	High
860 = Dumping depositing of dredged deposits	Unknown

Impacts

Impact type	Intensity
FCD = Loss of faunal diversity	High
HL- = Habitat loss	Medium
LO- = Decrease in natural product potential	Medium
PC- = Chemical pollution	High
VCX = Introduction of exotic floral species	High

Habitats & Vegetation

Habitat types

Habitat types	Coverage (%)
1150 * Coastal lagoons	> 95
1310 Salicornia and other annuals colonizing mud and sand	< 5
1410 Mediterranean salt meadows (<i>Juncetalia maritimi</i>)	< 5
1420 Mediterranean and thermo-Atlantic halophilous scrubs (<i>Sarcocornetea fruticosi</i>)	< 5
1510 * Mediterranean salt steppes (<i>Limonietalia</i>)	< 5
92D0 Southern riparian galleries and thickets (<i>Nerio-Tamaricetea</i> and <i>Securinegion tinctoriae</i>)	< 5

Species

Flora

Species	Dominance	Reference
<i>Agave americana</i> Linnaeus 1753		
<i>Arthrocnemum macrostachyum</i> (Moricond) K.Koch 1853		
<i>Carpobrotus edulis</i> (Linnaeus) Bolus 1927		
<i>Cymodocea nodosa</i> (Ucria) Ascherson 1869		De la Cámara et al., 2007
<i>Juncus maritimus</i> de Lamarck 1789		
<i>Myoporum tenuifolium</i> Forster 1786		
<i>Phragmites australis</i> (Cavanilles) von Trinius ex v		
<i>Salicornia ramosissima</i> J.Woods 1851		
<i>Salsola kali</i> Linnaeus 1753		
<i>Sarcocornia fruticosa</i> (Linnaeus) Scott		
<i>Tamarix</i> sp.		

Fauna

Birds	Population	Nesting status	References
<i>Actitis hypoleucos</i> (Linnaeus 1758)	1-10	Not nesting	Manchado et al., 2017
<i>Charadrius alexandrinus</i> Linnaeus 1758	1-10	Not nesting	Manchado et al., 2017
<i>Ichthyaetus audouinii</i> (Payraudeau 1826)	1-10	Not nesting	Manchado et al., 2017
<i>Pluvialis squatarola</i> (Linnaeus 1758)	1-10	Not nesting	Manchado et al., 2017
<i>Tringa nebularia</i> (Gunnerus 1767)	10-100	Not nesting	Manchado et al., 2017
<i>Alcedo atthis</i> (Linnaeus 1758)	1-10	Not nesting	Manchado et al., 2017
<i>Pandion haliaetus</i> (Linnaeus 1758)	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)	1-10	Not nesting	Manchado et al., 2017
<i>Phoenicopiterus roseus</i> Linnaeus 1758	1-10	Not nesting	Manchado et al., 2017
<i>Podiceps nigricollis</i> Brehm 1831	1-10	Not nesting	Manchado et al., 2017

Fishes	Presence in wetland	References
<i>Anguilla anguilla</i> (Linnaeus, 1758)	Present	De la Cámara et al., 2007
<i>Diplodus vulgaris</i> (Geoffroy Sainte-Hilaire 1817)	Present	De la Cámara et al., 2007

Invertebrates	Presence in wetland	References
<i>Artemia salina</i>	Present	LABAQUA, 2017
<i>Gammarus aequicauda</i> (Martynov 1931)		De la Cámara et al., 2007
<i>Gammarus insensibilis</i> Stock 1966		De la Cámara et al., 2007
<i>Talitrus saltator</i> (Montagu 1808)		De la Cámara et al., 2007
<i>Pachygrapsus marmoratus</i> (Fabricius 1787)	Present	De la Cámara et al., 2007
<i>Lekanesphaera hookeri</i> (Leach 1814)	Present	LABAQUA, 2017
<i>Tanais dulongii</i> (Audouin 1826)		De la Cámara et al., 2007

<i>Cyprideis torosa</i>	Very common	LABAQUA, 2017
<i>Octopus vulgaris</i> Cuvier 1797	Present	De la Cámara et al., 2007
<i>Sepia officinalis</i> Linnaeus 1758	Present	De la Cámara et al., 2007

References

De la Cámara, Ll., Bartrina, R., Oliver, G. & Ibars, J. 2007 Estudi de les pressions antròpiques a s'Estany des Peix i Cartografia de l'escull-barrera de posidònia de Sa Boca. Projecte de Ciències Ambientals. Universitat de Barcelona. Doc. inédito. 114 pàgs.

Infante, O., Fuente, U. & Atienza, J.C. 2011. Las Áreas Importantes para la Conservación de las Aves en España. SEO/BirdLife. Madrid.

LABAQUA. 2017. Ejecución de trabajos de monitoreo y evaluación del estado ecológico de las masas de agua epicontinentales en la Demarcación Hidrográfica de las Islas Baleares. Aguas de transición. Informe campaña primavera 2017. Informe inédito para la Dirección General de Recursos Hídricos. GOIB. 324 pags.

Manchado, J., Méndez, X, Suárez, M. & Cardona, E. Recompente hivernal d'aus aquàtiques, limícoles i gavines a les Balears, gener 2017. AOB 2016, vol 31: 25-38. GOB. Palma.

Sitibsa, 2006b. Document tècnic de delimitació, caracterització, classificació i inventari de les zones humides de les Illes Balears. Cartografia Vegetal de les Zones Humides de les Illes Balears. Conselleria de Medi Ambient. Govern de les Illes Balears.

Representative Image & Map

