



ES533MEN013 - Albufera des Mercadal marsh

General information

Basic information

Wetland location:	Marine/Coastal
Natural / Artificial:	Natural
Wetland type:	Saltmarsh
Area (Ha):	35.2
Hydrological interaction with other wetland:	No -
Water salinity:	Brackish (5.0-18.0 g/l)
Fresh water entry:	Unconfined aquifer
Surface water runoff:	Outflow from lakeshore or river
Open water area (%):	26 - 50
Hydroperiod:	Permanent

Geographic information

Province:	Menorca
Autonomous region:	Balearic Islands
Island:	Menorca
Municipality:	Es Mercadal
Coordinates (WGS84):	4.155899 E - 40.026780 N

Wetland condition

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

Ramsar wetland types

Ramsar type	Coverage (%)
H — Intertidal marshes	> 95

Property status

Private

Protection statuses & other designations

Protection status

Protection status category	Protection status subcategory	Site name	Code	Coverage (%)	Legislation
Other international protection	Biosphere Reserve	Menorca		100	

Other international protection	Natura 2000	La Mola i s'Albufera de Fornells (LIC, ZEPA)	ES0000232	62	
Other	Urban planning regulations	La Mola y s'Albufera de Fornells	ANEI-Me 4	62	Ley 1/1991

Important bird areas

IBA Code	Site name	Coverage (%)
ES325	North and East Coast of Menorca and Aire Island	100

Ecosystem Services, Activities & Impacts

Ecosystem Services

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

Activities on wetland

Activities	Intensity
511 = electricity lines	High
910 = Silting up	High

Activities on drainage basin

Activities	Intensity
100 = Cultivation	Medium
140 = Grazing	Medium
401 = continuous urbanisation	High
424 = other discharges	High
490 = Other urbanisation industrial and similar activities	High
502 = roads motorways	High
601 = golf course	High
690 = Other leisure and tourism impacts not referred to above	High

Impacts

Impact type	Intensity
FB- = Disruption of natural balance/interaction between faunal species	Unknown
HL- = Habitat loss	High

Habitats & Vegetation

Habitat types

Habitat types	Coverage (%)
1150 * Coastal lagoons	26 - 50
1410 Mediterranean salt meadows (<i>Juncetalia maritimi</i>)	5 - 25
6420 Mediterranean tall humid grasslands of the <i>Molinio-Holoschoenion</i>	< 5
7210 * Calcareous fens with <i>Cladium mariscus</i> and species of the <i>Caricion davallianae</i>	5 - 25
92D0 Southern riparian galleries and thickets (<i>Nerio-Tamaricetea</i> and <i>Securinegion tinctoriae</i>)	< 5

Species

Flora

Species	Dominance	Reference
<i>Juncus acutus</i> Linnaeus 1753	Co-dominant	
<i>Phragmites australis</i> (Cavanilles) von Trinius ex v	Present	
<i>Rubus ulmifolius</i> Schott 1818	Dominant	
<i>Scirpus holoschoenus</i> Linnaeus 1753	Present	
<i>Tamarix</i> sp.	Dominant	
<i>Typha domingensis</i> (Persoon) von Steudel 1824	Dominant	

Fauna

Birds	Population	Nesting status	References
<i>Anas clypeata</i> Linnaeus 1758	10-100	Not nesting	Manchado et al., 2017
<i>Anas crecca</i> Linnaeus 1758	10-100	Not nesting	Manchado et al., 2017
<i>Anas platyrhynchos</i> Linnaeus 1758	10-100	Not nesting	Manchado et al., 2017
<i>Anas platyrhynchos</i> Linnaeus 1758	1-10	Nesting	Méndez, 2017
<i>Anas strepera</i> Linnaeus 1758	1-10	Nesting	Méndez, 2017
<i>Aythya ferina</i> Linnaeus 1758	1-10	Nesting	Méndez, 2017
<i>Aythya nyroca</i> Guldénstadt 1770	1-10	Not nesting	Manchado et al., 2017
<i>Aythya nyroca</i> Guldénstadt 1770	1-10	Nesting	Méndez, 2017
<i>Netta rufina</i> Pallas 1773	1-10	Nesting	Méndez, 2017
<i>Tadorna tadorna</i> Linnaeus 1758	1-10	Nesting	Méndez, 2017
<i>Actitis hypoleucos</i> (Linnaeus 1758)	1-10	Not nesting	Manchado et al., 2017
<i>Himantopus himantopus</i> (Linnaeus 1758)	1-10	Nesting	Méndez, 2017
<i>Larus michahellis</i> Naumann 1840	1-10	Not nesting	Manchado et al., 2017
<i>Scolopax rusticola</i> Linnaeus 1758	1-10	Not nesting	Manchado et al., 2017
<i>Circus aeruginosus</i> (Linnaeus 1758)	1-10	Nesting	Méndez, 2017
<i>Fulica atra</i> Linnaeus 1758	10-100	Nesting	
<i>Gallinula chloropus</i> (Linnaeus 1758)	10-100	Nesting	Méndez, 2017
<i>Porphyrio porphyrio</i> (Linnaeus 1758)	10-100	Nesting	Méndez, 2017
<i>Rallus aquaticus</i> Linnaeus 1758	1-10	Nesting	Méndez, 2017
<i>Acrocephalus arundinaceus</i> (Linnaeus 1758)	1-10	Nesting	Méndez, 2017
<i>Acrocephalus melanopogon</i> (Temminck 1823)	1-10	Nesting	Méndez, 2017
<i>Acrocephalus scirpaceus</i> (Hermann 1804)	1-10	Nesting	Méndez, 2017
<i>Cettia cetti</i> (Temminck 1820)	10-100	Nesting	Méndez, 2017
<i>Cisticola juncidis</i> (Rafinesque 1810)	10-100	Nesting	Méndez, 2017
<i>Ardea cinerea</i> Linnaeus 1758	10-100	Not nesting	
<i>Ardea purpurea</i> Linnaeus 1766	1-10	Nesting	Méndez, 2017
<i>Casmerodius albus</i> (Linnaeus 1758)	10-100	Not nesting	
<i>Ixobrychus minutus</i> (Linnaeus 1766)	1-10	Nesting	Méndez, 2017
<i>Phalacrocorax carbo</i> (Linnaeus 1758)	1-10	Not nesting	Manchado et al., 2017
<i>Podiceps cristatus</i> (Linnaeus 1758)	1-10	Nesting	Méndez, 2017
<i>Tachybaptus ruficollis</i> (Pallas 1764)	1-10	Nesting	Méndez, 2017

Reptiles	Presence in wetland	References
<i>Emys orbicularis</i> (Linnaeus, 1758)	Present	Bioatles-CAIB, 2017
<i>Trachemys scripta</i> (Schöepff, 1792)	Present	Méndez, 2017

Amphibians	Presence in wetland	References
<i>Hyla meridionalis</i> (Boettger, 1874)	Common	Bioatles-CAIB, 2017

Fishes	Presence in wetland	References
<i>Carassius auratus</i> (Linnaeus, 1758)	Present	Joan Florit, Forumaus 02.08.2011
<i>Cyprinus carpio</i> (Linnaeus, 1758)	Present	Méndez, 2017

Invertebrates	Presence in wetland	References
---------------	---------------------	------------

Sigara sp Fabricius 1775	Present	LABAQUA, 2017
Cypris bispinosa, Lucas, 1849	Very common	LABAQUA, 2017
Ancylus cf. fluviatilis Muller 1774	Present	LABAQUA, 2017

References

Bioatles-CAIB, 2017. <http://bioatles.caib.es/serproesfront/VisorServlet>

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.

Méndez, J. 2017. El prat de Son Saura del Nord. Inventari ornitològic i estimes d'abundància. Premi d'Investigació sobre Es Mercadal i Fornells 2015. Ajuntament des Mercadal/IME. Menorca. Informe inèdit.

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



