



## TR221AYV008 - Maden Island Pond (East)

### Description

Maden Island Pond (East) is a seasonal saltwater pond located on the east coast of Maden Island at Ayvalık Municipality. It covers 0,4 ha area. Although there is no human settlement on the island, the wetland area and the coastline is heavily polluted due to solid waste, washed by the sea. The main water source for the wetland is presumably precipitation and sea water. *Sarcopoterium spinosum phryganas* (5420), *Garrigues of Eastern Mediterranean* (5340), *Mediterranean salt meadows (Juncetalia maritimi)* (1410), and *Mediterranean salt steppes (Limonietalia)* (1510) are the habitat types recorded during the field survey.

### General information

#### Basic information

<b>Wetland location:</b>	Marine/Coastal
<b>Wetland type:</b>	Seasonal saltwater pond
<b>Natural / Artificial:</b>	Natural
<b>Area (Ha):</b>	0.4
<b>Hydrological interaction with other wetland:</b>	No -
<b>Water salinity:</b>	Brackish (5.0-18.0 g/l)
<b>Open water area (%):</b>	51 - 75
<b>Hydroperiod:</b>	Permanent

#### Geographic information

<b>Province:</b>	Balikesir
<b>Municipality:</b>	Ayvalik
<b>Island:</b>	Maden
<b>Coordinates (WGS84):</b>	26.595021 E - 39.387856 N

#### Wetland condition

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

Ramsar type	Coverage (%)
E -- Sand, shingle or pebble shores; includes sand bars, spits and sandy islets; includes dune systems and humid dune slacks	5 - 25
H -- Intertidal marshes; includes salt marshes, salt meadows, saltings, raised salt marshes; includes tidal brackish and freshwater marshes	5 - 25

#### Property status

Government - Municipal
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## Protection statuses & other designations

### Protection status

Protection status category	Protection status subcategory	Site name	Coverage (%)	Legislation
National	Nature Park	Ayvalik Islands Nature Park	100	
National	Natural Protected Area		100	

## Ecosystem Services, Activities & Impacts

### Ecosystem Services

Type of Ecosystem service	Ecosystem service	Scale of Benefit	Importance
Supporting services	Provision of habitat		

### Activities on wetland

Activities	Intensity
700 = Pollution	High
701 = water pollution	High
703 = soil pollution	High
951 = drying out / accumulation of organic material	Medium
952 = eutrophication	Medium

### Activities on drainage basin

Activities	Intensity
700 = Pollution	High
703 = soil pollution	High

### Impacts

Impact type	Intensity
AS- = Loss of scenic value	High
LU- = Decrease in tourist/recreation potential	Unknown
LW- = Decrease in wilderness/wildlife values	Unknown

## Habitats & Vegetation

### Habitat types

Habitat types	Coverage (%)
1410 Mediterranean salt meadows ( <i>Juncetalia maritimi</i> )	5 - 25
1510 * Mediterranean salt steppes ( <i>Limonietalia</i> )	5 - 25
5340 Garrigues of Eastern Mediterranean	5 - 25
5420 <i>Sarcopoterium spinosum</i> phryganas	5 - 25

### Vegetation types

Vegetation type	Coverage (%)
Floating	26 - 50
Halophytic	< 5
Shrubby / Arborescent	5 - 25
Wet meadow	5 - 25

## Species

### Flora

Species	Dominance	Reference
<i>Anthemis rigida</i>		
<i>Cardopatum corymbosum</i>		
<i>Cistus parviflorus</i>		
<i>Cistus salviifolius</i>		
<i>Juncus maritimus</i>		
<i>Limonium sinuatum</i>		
<i>Limonium virgatum</i>		
<i>Pistacia lentiscus</i>		
<i>Salicornia</i> sp		
<i>Sarcopoterium spinosum</i>		

### Fauna

Birds	Population	Nesting status	References
<i>Tadorna ferruginea</i>	1-10	Possible nesting	
<i>Emberiza calandra</i>	1-10	Possible nesting	
<i>Galerida cristata</i>	1-10	Possible nesting	

## References

## Representative Image & Map



AYV008 - Maden Adası Gölçüğü (Doğu) / Maden Island Pond (East)

