



TR221AYV009 - Maden Adası Gölçüğü (Batı)

Description

Maden Island Pond (West) is a permanent freshwater pond located on the north-west coast of Maden Island at Ayvalık Municipality. It covers an 1,6 ha of area. The main water sources are presumably underground water, a small stream and the sea water intrusion). The coastal part of the pond partly and seasonally dries out and is brackish due to the salt water intrusion. Salt flats and saltmarshes are dominant in this part. Halophytic, shrubby / arborescent vegetation and wet meadows are the surrounding vegetation of the pond, whereas the main coverage of the wetland area is the water mirror. Maden Island Pond (West) has the most rich biodiversity among all Ayvalık Islands. The pond is used as a nesting and stop-over site for birds, including confirmed breeding evidence for *Tadorna ferruginea*. The wetland is also important for the breeding cycles of Odonats. 1310 *Salicornia* and other annuals colonizing mud and sand, 1410 Mediterranean salt meadows (*Juncetalia maritimi*) and 1510 Mediterranean salt steppes (*Limnietalia*) are the recorded habitat types during the field survey. The wetland is not accessible by car and difficult to access by sea so the original landform is untouched and the wetland is the most and the only pristine one among Ayvalık Islands wetlands.

General information

Basic information

Wetland location:	Marine/Coastal
Wetland type:	Lake
Natural / Artificial:	Natural
Area (Ha):	1.6
Hydrological interaction with other wetland:	Yes - AYV017
Water salinity:	Fresh (< 0.5 g/l)
Open water area (%):	76 - 95
Hydroperiod:	Permanent

Geographic information

Province:	Balikesir
Municipality:	Ayvalik
Island:	Maden
Coordinates (WGS84):	26.588812 E - 39.391084 N

Wetland condition

Wetland condition:	1 - Untouched. No signs of man-made changes
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Ramsar wetland types

Ramsar type	Coverage (%)
H -- Intertidal marshes; includes salt marshes, salt meadows, saltings, raised salt marshes; includes tidal brackish and freshwater marshes	26 - 50

Zk(a) -- Karst and other subterranean hydrological systems, marine/coastal

51 - 75

Property status

Government - Municipal

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**Habitats & Vegetation****Habitat types**

Habitat types	Coverage (%)
1310 Salicornia and other annuals colonizing mud and sand	5 - 25
1410 Mediterranean salt meadows (<i>Juncetalia maritimi</i>)	5 - 25
1510 * Mediterranean salt steppes (<i>Limonietalia</i>)	5 - 25

Vegetation types

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

Species**Flora**

Species	Dominance	Reference
Asphodelus aestivus		
Asteriscus aquaticus		
Atriplex portulacoides		
Avena sp.		
Butomus umbellatus		
Dactylis glomerata		
Juncus maritimus		
Limonium sinuatum		
Parapholis incurva		
Pistacia lentiscus		
Plantago maritima		
Rumex sp.		
Ruppia maritima		

Salicornia sp

Scirpus maritimus

Triglochin bulbosa

Fauna

Birds	Population	Nesting status	References
Tadorna ferruginea	1-10	Nesting	

Invertebrates	Presence in wetland	References
Argiope bruennichi	Present	
Lestes macrostigma Eversmann, 1836	Present	
Sympetrum fonscolombii (Selys, 1840)	Present	

References

Representative Image & Map



