



## TR221AYV012 - Old Fish Farm

### Description

Located on the west coast of Cunda Island at Ayvalık Municipality, the mudflat is known by the locals as 'old fish farm'. There are artificial channels along the wetland, starting from the olive groves behind and reaching out to the sea. The wetland is a tidal intermittant mudflat flooded at the high tide. Close to the olive groves is a small stream covered by a thin dense vegetation. 1140 Mudflats and sandflats not covered by seawater at low tide, 1510 \* Mediterranean salt steppes (Limonietalia) and 1310 Salicornia and other annuals colonizing mud and sand are the habitat types recorded at the field survey. The wetland is a breeding site for dune nesting bird species such as Charadrius alexandrinus and Charadrius dubius.

### General information

#### Basic information

<b>Wetland location:</b>	Marine/Coastal
<b>Wetland type:</b>	Sand bars and spits
<b>Natural / Artificial:</b>	Natural
<b>Area (Ha):</b>	6.0
<b>Hydrological interaction with other wetland:</b>	No -
<b>Water salinity:</b>	Salty (> 18.0 g/l)
<b>Open water area (%):</b>	76 - 95
<b>Hydroperiod:</b>	Temporary/Intermittent

#### Geographic information

<b>Province:</b>	Balikesir
<b>Municipality:</b>	Ayvalik
<b>Island:</b>	Alibey (Cunda)
<b>Coordinates (WGS84):</b>	26.616246 E - 39.351460 N

#### Wetland condition

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

Ramsar type	Coverage (%)
9 -- Canals and drainage channels, ditches	5 - 25
G -- Intertidal mud, sand or salt flats	51 - 75

#### 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
Regulatory services	Water regulation		
Supporting services	Provision of habitat		

### Activities on drainage basin

Activities	Intensity
100 = Cultivation	Medium

## Habitats & Vegetation

### Habitat types

Habitat types	Coverage (%)
1140 Mudflats and sandflats not covered by seawater at low tide	5 - 25
1310 Salicornia and other annuals colonizing mud and sand	5 - 25
1510 * Mediterranean salt steppes (Limonietalia)	< 5

### Vegetation types

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

## Species

### Flora

Species	Dominance	Reference
Asphodelus aestivus		
Cardopatum corymbosum		
Chrysanthemum segetum		
Gladiolus italicus		
Juncus acutus		
Limonium angustifolium		
Limonium sinuatum		
Ornithogalum narbonense		
Salicornia sp		
Spergularia marina		
Tamarix sp.		

Triglochin bulbosa

## Fauna

Birds	Population	Nesting status	References
Charadrius alexandrinus	1-10	Possible nesting	
Charadrius dubius	1-10	Possible nesting	

## References

## Representative Image & Map





