



TR221AYV015 - Zeytuna (East) Temporary Pond

Description

Located in the northeast of Cunda Island, Zeytuna (East) Temporary Pond is a marsh, fed by the underground water and salt water intrusion from the underground. After the road construction, the pond is fragmented and partly depressed, which resulted the precipitation to be another water source for the wetland. The water of the wetland is discharged to the sea with a small channel. The wetland area is 0,5 ha and the west part of the wetland is a wet meadow covered by *Juncus* sp. This constitutes the dominant vegetation (%76-95). 1410 Mediterranean salt meadows (*Juncetalia maritimi*) and 5420 *Sarcopoterium spinosum phryganas* are the main habitat types in the catchment area.

General information

Basic information

| | |
|---|-------------------------|
| Wetland location: | Marine/Coastal |
| Wetland type: | Marsh / Swamp |
| Natural / Artificial: | Natural |
| Area (Ha): | 0.5 |
| Hydrological interaction with other wetland: | No - |
| Water salinity: | Brackish (5.0-18.0 g/l) |
| Open water area (%): | 26 - 50 |
| Hydroperiod: | Seasonal |

Geographic information

| | |
|-----------------------------|---------------------------|
| Province: | Balikesir |
| Municipality: | Ayvalik |
| Island: | Alibey (Cunda) |
| Coordinates (WGS84): | 26.632638 E - 39.357343 N |

Wetland condition

| | |
|---------------------------|--|
| Wetland condition: | 3 - Original habitats/landform partially modified (10-50% untouched) |
|---------------------------|--|

Ramsar wetland types

| Ramsar type | Coverage (%) |
|---|--------------|
| H -- Intertidal marshes; includes salt marshes, salt meadows, saltings, raised salt marshes; includes tidal brackish and freshwater marshes | > 95 |

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 (%) |
|--|--------------|
| 1410 Mediterranean salt meadows (<i>Juncetalia maritimi</i>) | 51 - 75 |
| 5420 <i>Sarcopoterium spinosum</i> phryganas | < 5 |

Vegetation types

| Vegetation type | Coverage (%) |
|-----------------------|--------------|
| Shrubby / Arborescent | < 5 |
| Wet meadow | 76 - 95 |

Species

Flora

| Species | Dominance | Reference |
|-------------------------------|-----------|-----------|
| <i>Asphodelus aestivus</i> | | |
| <i>Carex</i> sp. | | |
| <i>Juncus acutus</i> | | |
| <i>Juncus maritimus</i> | | |
| <i>Juncus subulatus</i> | | |
| <i>Sarcopoterium spinosum</i> | | |
| <i>Tamarix</i> sp. | | |

References

Representative Image & Map



AYV015 - Zeytuna (Doğu) Geçici Gölcüğü / Zeytuna (East) Temporary Pond

