



## GOZ025 - Tan-Nuffara

### Description

Tan-Nuffara is a semi-natural pond, located in northern Gozo, between Marsalforn and Xagħra. The pond covers an area of approximately 2,696 m<sup>2</sup> and is accessible through a pathway from a surfaced road. The area retains water due to being located behind a dam. The northern region of the pond consists predominantly of abandoned agricultural land and a couple of active agricultural land in the southern and eastern region of the pond. It is likely that the water collected is being utilised for irrigation purposes due to the emerging pipelines emerging from nearby agricultural land. The site is dominated by opportunistic species including *Ferula communis* and *Dittrichia viscosa*, Riparian species including *Arundo donax*, *Phragmites australis*, and *Rumex conglomeratus* and a large population of *Lepidium graminifolium*. A couple of *Eucalyptus* trees are also present within the basin of the site. The site falls within a No Trapping Zone under legislation S.L. 504.71.

### General information

#### Basic information

<b>Wetland location:</b>	Inland
<b>Wetland type:</b>	Artificial
<b>Natural / Artificial:</b>	Dam lake
<b>Area (Ha):</b>	0.30
<b>Hydrological interaction with other wetland:</b>	Yes - GOZ020/GOZ010/GOZ005
<b>Water salinity:</b>	Fresh (< 0.5 g/l)
<b>Fresh water entry:</b>	Torrent / Stream - Unconfined aquifer
<b>Surface water runoff:</b>	There is no obvious water outflow
<b>Open water area (%):</b>	26 - 50
<b>Hydroperiod:</b>	Seasonal

#### Geographic information

<b>Census district:</b>	Gozo and Comino
<b>Island:</b>	Gozo
<b>Local council:</b>	Ix-Xewkija
<b>Coordinates (WGS84):</b>	14.275640 E - 36.038620 N

#### Biological significance

<b>Biological significance:</b>	Low
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#### Ramsar wetland types

Ramsar type	Coverage (%)
2 -- Ponds; includes farm ponds, stock ponds, small tanks; (generally below 8 ha)	

#### Property status

Public
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## Protection statuses & other designations

## Ecosystem Services, Activities & Impacts

### Ecosystem Services

Type of Ecosystem service	Ecosystem service	Scale of Benefit	Importance
Cultural services	Recreation and tourism		
Provisioning services	Fresh water		
Regulatory services	Water regulation		
Supporting services	Provision of habitat		

### Activities on wetland

Activities	Intensity
230 = Hunting	High
424 = other discharges	Low
700 = Pollution	Medium
852 = modifying structures of inland water courses	High
900 = Erosion	Medium
910 = Silting up	Medium

### Activities on drainage basin

Activities	Intensity
100 = Cultivation	Medium
110 = Use of pesticides	High
120 = Fertilisation	High
230 = Hunting	High
412 = industrial stockage	Medium
423 = disposal of inert materials	Medium
502 = roads motorways	Low
623 = motorised vehicles	High
852 = modifying structures of inland water courses	High
900 = Erosion	High

### Impacts

Impact type	Intensity
EE- = Increase of economic potential	
ES- = Increase in water supply	
PF- = Fertilizer/Excess nutrient pollution	
PP- = Pesticide pollution	

## Habitats & Vegetation

### Vegetation types

Vegetation type	Coverage (%)
Emergent	< 5
Other	51 - 75
Shrubby / Arborescent	< 5
Shrubby / Arborescent	

## Species

### Flora

Species	Dominance	Reference
Arundo donax		
Dittrichia viscosa		
Eucalyptus sp.		
Ferula communis		
Lepidium graminifolium		
Phragmites australis		
Rumex conglomeratus		

## References

## Representative Image & Map





