



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 m² 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

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

Geographic information

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

Biological significance

Biological significance:	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

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



