

IL-MAGĦLUQ TAL-BAĦAR TA' MARSASKALA

MT0000023

Designation Area: 4.42 ha

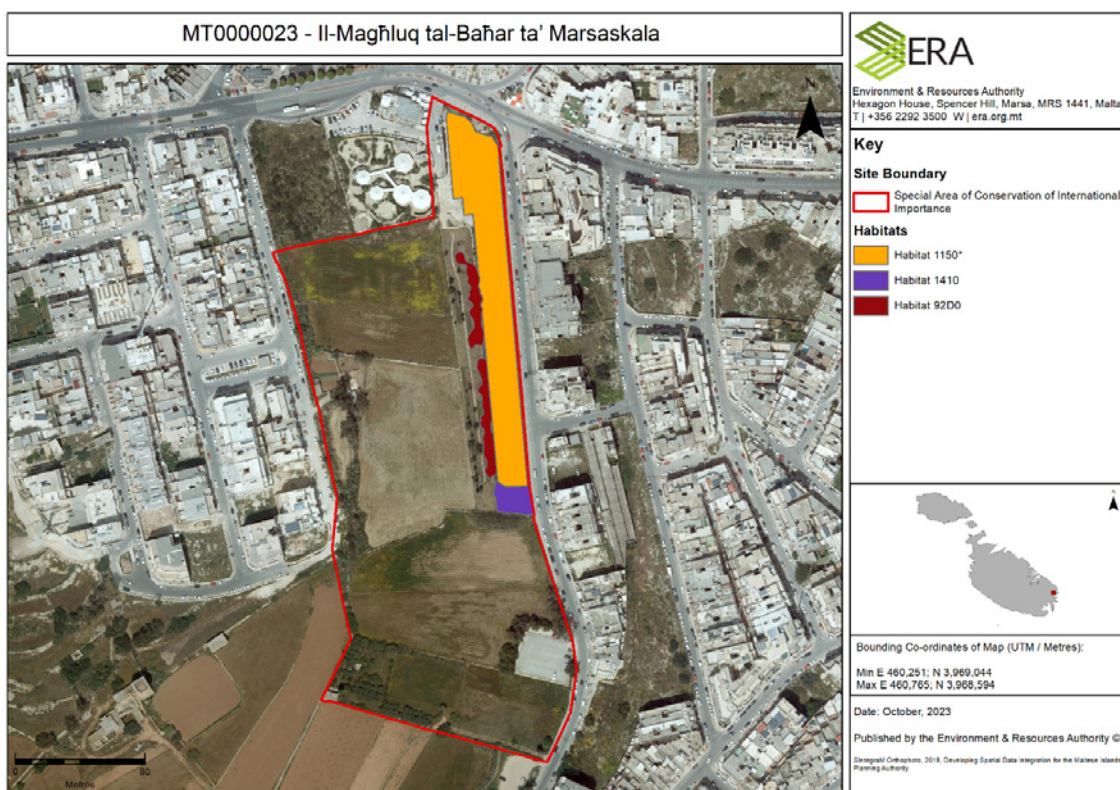
ANNEX I HABITATS

- Coastal lagoons (**Habitat 1150***)
- Mediterranean salt meadows (*Juncetalia maritimi*) (**Habitat 1410**)
- Southern riparian galleries and thickets (*Nerio-Tamaricetea* and *Securinegion tinctoriae*) (**Habitat 92D0**)

ANNEX II SPECIES

- *Aphanius fasciatus*

Figure 21: Habitat map of 'Il-Magħluq tal-Baħar ta' Marsaskala'



HABITAT ASSESSMENT

Table 22: Habitat types of Annex I of Council Directive 92/43/EEC present on site

Habitat Code	Habitat Name	Cover	Data Quality	Site assessment				Pressures relevant to the Natura 2000 site
				Representativity	Relative Surface	Conservation	Global	
1150*	Coastal lagoons	0.4 ha	G	C	B	C	C	
1410	Mediterranean salt meadows (<i>Juncetalia maritimi</i>)	0.03 ha	G	B	B	A	B	PI02 - Other invasive alien species (other than species of Union concern) PL06 - Physical alteration of water bodies
92D0	Southern riparian galleries and thickets (<i>Nerio-Tamaricetea</i> and <i>Securinegion tinctoriae</i>)	0.09 ha	G	C	C	C	C	PM07 - Natural processes without direct or indirect influence from human activities or climate change

SPECIES ASSESSMENT

Table 23: Species listed in Annex II of Directive 92/43/EEC present on site

Species Code	Species Name	Population size	Data Quality	Site assessment				Pressures relevant to the Natura 2000 site
				Population	Conservation	Isolation	Global	
1152	<i>Aphanius fasciatus</i>	/	DD	C	C	A	C	PI02 - Other invasive alien species (other than species of Union concern) PL06 - Physical alteration of water bodies PM07 - Natural processes without direct or indirect influence from human activities or climate change acidification

1150* - COASTAL LAGOONS

The following site-specific conservation objectives and measures shall seek to restore the conservation status of this habitat type within this site by 2030:

1150* - Coastal lagoons				
SSCO code	Conservation Objective	Attributes	Target	Unit of measurement
MT23_SSCO_01a	Maintain the extent of Habitat 1150* through the corresponding target	Area covered by the habitat type	Area stable at 0.4 ha	Habitat area (in hectares)
MT23_SSCO_01b	Improve the structure and function of Habitat 1150* through the corresponding targets	Hydrological regime: Water flow	Land-sea interface connectivity maintained	Water flow
MT23_SSCO_01c		Species composition: Typical species	Habitat representativity improved	Species composition
MT23_SSCO_01d		Species composition: Invasive alien species (fauna)	Domestic waterfowl population within the lagoon and surrounding areas significantly reduced	Number of individuals

1150* - Coastal lagoons					
Measure code	Conservation Measure	Category (Art. 17)	Performance indicator	Timeframe	Lead/ Supporting Parties
MT23_CM_01a	Cleaning and maintenance of interconnected channels at the land-sea interface to maintain the hydrological regime of the lagoon	Reduce impact of multi- purpose hydrological changes (MK02)	Number of yearly interventions	Ongoing	ERA, AM / NGO
MT23_CM_01b	Introduction of <i>Ruppia</i> spp. to improve representativity of Habitat 1150*	Manage native species (incl. non-Directive species) (MS04)	Number of specimens planted, success rate	Short-term	ERA, AM / NGO
MT23_CM_01c	Continuation of efforts to control domestic waterfowl population within Habitat 1150*, while preventing their introduction	Management, control or eradication of other invasive alien species (MI03)	% decrease in domestic waterfowl population	Ongoing	ERA, AM / NGO
MT23_CM_01d	Prevention of litter, carried by storm water runoff, from reaching the lagoon through the installation of physical barriers/collection systems	Restoration of habitat of species from the directives (MS03)	Physical barriers/ Collection system in place	Medium-term	ERA, AM / NGO

1410 - MEDITERRANEAN SALT MEADOWS (*Juncetalia maritimi*)

The following site-specific conservation objectives and measures shall seek to restore the conservation status of this habitat type within this site by 2030:

1410 - Mediterranean salt meadows (<i>Juncetalia maritimi</i>)					
SSCO code	Conservation Objective	Attributes	Target	Unit of measurement	
MT23_SSCO_02a	Increase the extent of Habitat 1410 through the corresponding target	Area covered by the habitat type	30% increase in the area of Habitat 1410	% increase in habitat area (compared to baseline area)	
MT23_SSCO_02b	Improve the structure and function of Habitat 1410 through the corresponding target	Species composition: Typical species	Habitat representativity improved	Species composition	

1410 - Mediterranean salt meadows (<i>Juncetalia maritimi</i>)					
Measure code	Conservation Measure	Category (Art. 17)	Performance indicator	Timeframe	Lead/ Supporting Parties
MT23_CM_02a	Planting of <i>Juncetalia maritimi</i> species within areas currently devoid of habitats, to restore and increase the current surface area occupied by this habitat type	Manage native species (incl. non-Directive species) (MS04)	Number of typical species (species list), number of specimens planted, success rate	Short-term	ERA, AM / NGO
MT23_CM_02b	Planting of <i>Juncetalia maritimi</i> species which are currently absent or in low population to improve representativity of Habitat 1410		Number of typical species (species list), number of specimens planted, success rate	Short-term	ERA, AM / NGO

92D0 - SOUTHERN RIPARIAN GALLERIES AND THICKETS (*NERIO-TAMARICETEA* AND *SECURINEGION TINCTORIAE*)

The following site-specific conservation objectives and measures shall seek to restore the conservation status of this habitat type within this site by 2030:

92D0 - Southern riparian galleries and thickets (<i>Nerio-Tamaricetea</i> and <i>Securinegion tinctoriae</i>)					
SSCO code	Conservation Objective	Attributes	Target	Unit of measurement	
MT23_SSCO_03a	Increase the extent of Habitat 92D0 through the corresponding target	Area covered by the habitat type	40 % increase in the area of Habitat 92D0	% increase in habitat area (compared to baseline area)	
MT23_SSCO_03b	Improve the structure and function of Habitat 92D0 through the corresponding target	Species composition: Typical species	Habitat representativity improved	Species composition	
92D0 - Southern riparian galleries and thickets (<i>Nerio-Tamaricetea</i> and <i>Securinegion tinctoriae</i>)					
Measure code	Conservation Measure	Category (Art. 17)	Performance indicator	Timeframe	Lead/ Supporting Parties
MT23_CM_03a	Planting of <i>Nerio-Tamaricetea</i> species within areas currently devoid of habitats to restore and increase the current surface area occupied by this habitat type	Manage native species (incl. non-Directive species) (MS04)	Number of typical species (species list), number of specimens planted, success rate	Short-term	ERA, AM / NGO
MT23_CM_03b	Planting of <i>Vitex agnus-castus</i> to improve representativity of Habitat 92D0		Number of specimens planted, success rate	Short-term	ERA, AM / NGO

APHANIUS FASCIATUS

The following site-specific conservation objectives and measures shall seek to restore the conservation status of this species within this site by 2030:

<i>Aphanius fasciatus</i>				
SSCO code	Conservation Objective	Attributes	Target	Unit of measurement
MT23_SSCO_04a	Maintain the extent of Habitat 1150* supporting <i>Aphanius fasciatus</i> through the corresponding target	Extent of habitat for the species	Area of Habitat 1150* is stable at 0.4 ha	Area covered by the species' habitat (in hectares)
MT23_SSCO_04b	Maintain the condition of Habitat 1150* supporting <i>Aphanius fasciatus</i> through the corresponding target	Habitat condition	The condition of Habitat 1150* is suitable to maintain the distribution and population size of the species	Habitat condition
MT23_SSCO_04c	Improve future prospects for <i>Aphanius fasciatus</i> through the corresponding target	Pressures and threats: Predation	Population of marine fish species significantly reduced	Number of individuals

<i>Aphanius fasciatus</i>					
Measure code	Conservation Measure	Category (Art. 17)	Performance indicator	Timeframe	Lead/ Supporting Parties
MT23_CM_04a	Continue with the ex-situ conservation of the <i>Aphanius fasciatus</i> present at Marsaskala, to preserve its distinct genetic stock	Reinforce populations of species from the directives (MS01)	Number of individuals present in ex-situ	Ongoing	ERA, AM / NGO
MT23_CM_04b	Continuation of efforts to control populations of marine fish species within Habitat 1150*, while preventing their introduction	Manage native species (incl. non-Directive species) (MS04)	% decrease in marine fish species population	Ongoing	ERA, AM / NGO
MT23_CM_04c	Implementation of the conservation measures listed under Habitat 1150* to improve the condition of the habitat supporting <i>Aphanius fasciatus</i>	Restoration of habitat of species from the directives (MS03)	Implementation of measures listed for Habitat 1150*	Various	ERA, AM / NGO

The current data available on the population size of *Aphanius fasciatus* within this site is limited. Thus, an operational objective to address this current knowledge gap is being put forward. This would then enable the elaboration of further SSCOs for the species.

Operational Objective	MT23_OO_01_ Undertake a study to improve knowledge on the distribution and population size of <i>Aphanius fasciatus</i> within the site
Lead/supporting parties	ERA
Timeframe	Short-term