

IS-SALINI

MT0000007

Designation Area: 23.67 ha

ANNEX I HABITATS

- Coastal lagoons (**Habitat 1150***)
- *Salicornia* and other annuals colonising mud and sand (**Habitat 1310**)
- Mediterranean temporary ponds (**Habitat 3170***)
- West Mediterranean clifftop phrygas (*Astragalo-Plantaginetum subulatae*) (**Habitat 5410**)
- Pseudo-steppe with grasses and annuals of the *Thero-Brachypodietea* (**Habitat 6220***)
- Southern riparian galleries and thickets (*Nerio-Tamaricetea* and *Securinegion tinctoriae*) (**Habitat 92D0**)

ANNEX II SPECIES

- *Aphanius fasciatus*
- *Elatine gussonei*
- *Myotis punicus*

Figure 7: Habitat map of 'Is-Salini' – excluding Habitat 5410

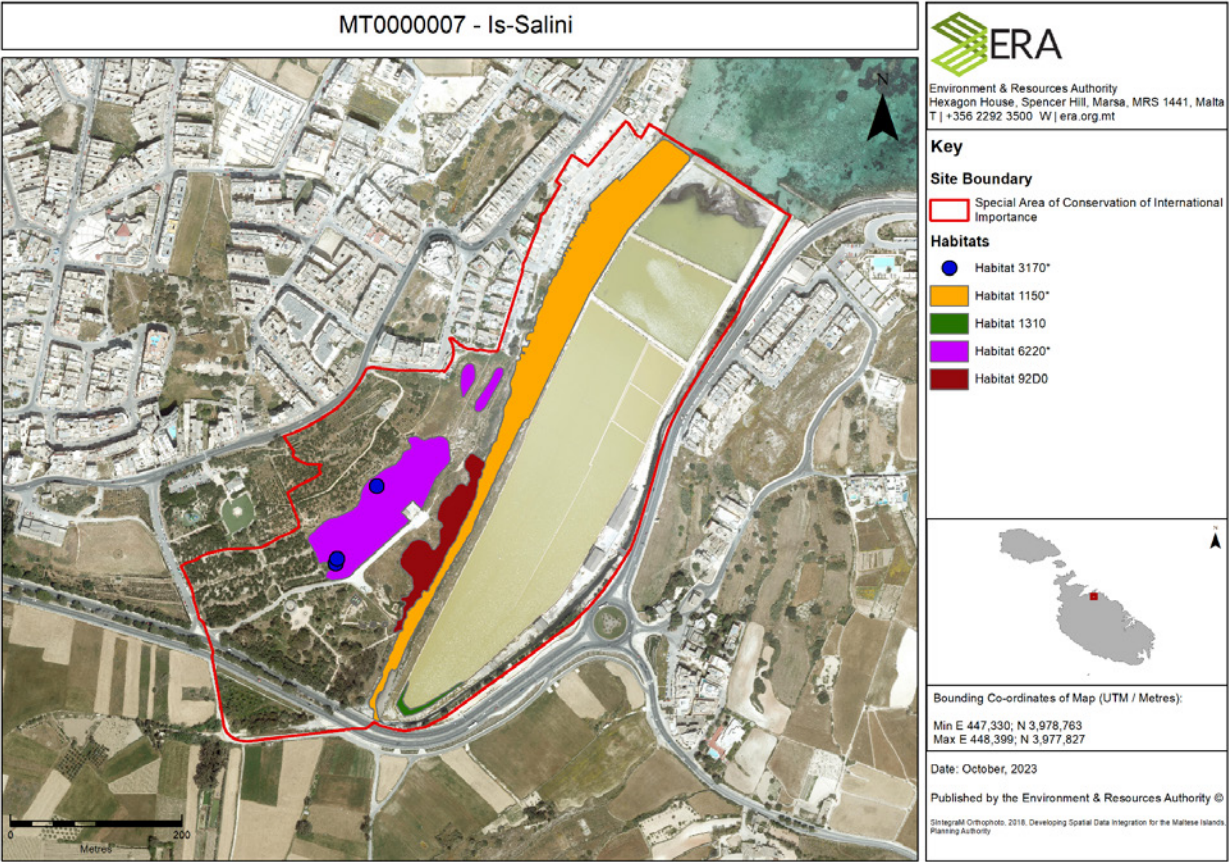
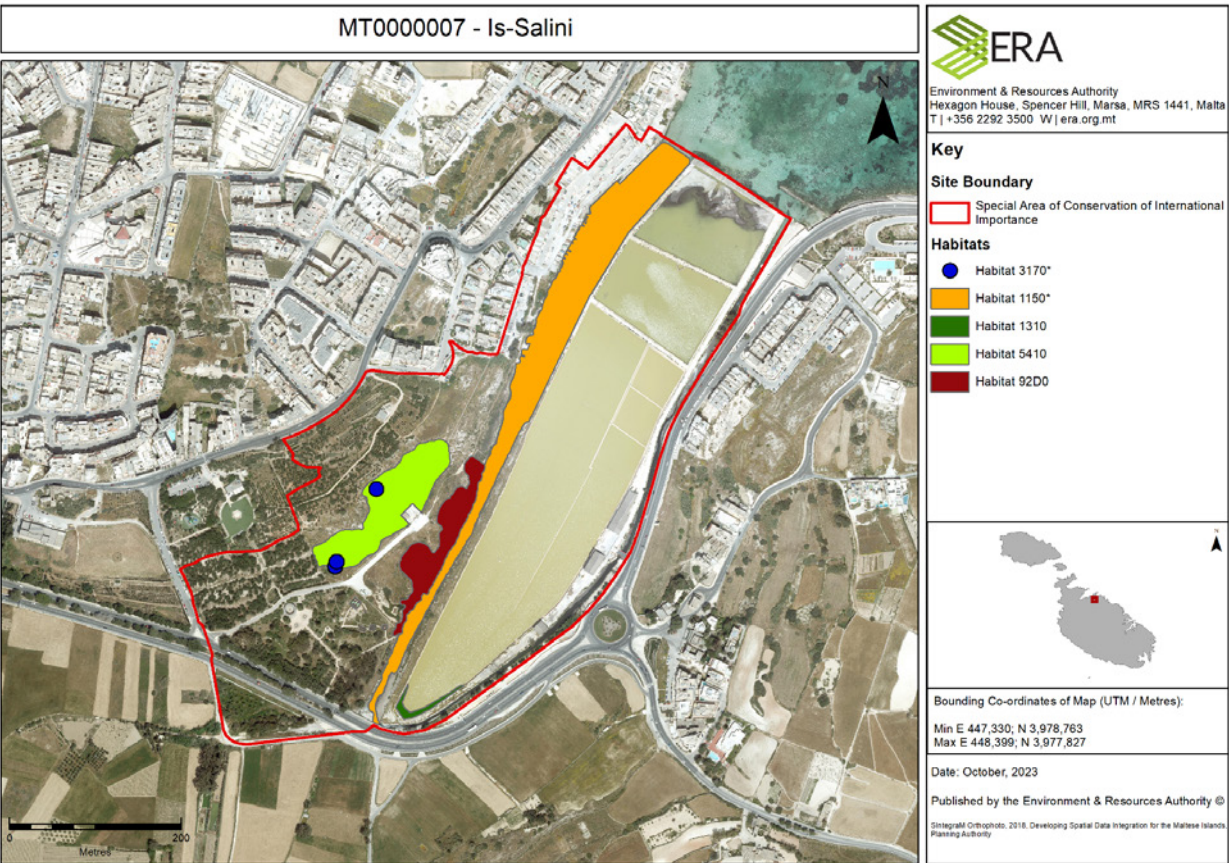


Figure 8: Habitat 5410 at 'Is-Salini' – excluding Habitat 6220*



HABITAT ASSESSMENT

Table 7: 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	2.1 ha	G	C	A	C	C	
1310	<i>Salicornia</i> and other annuals colonising mud and sand	0.05 ha	G	C	A	C	C	PF05 - Sports, tourism and leisure activities
3170*	Mediterranean temporary ponds	0.0003 ha	G	B	C	B	B	PI01 - Invasive alien species of Union concern
5410	West Mediterranean clifftop phryganas (<i>Astragalo-Plantaginietum subulatae</i>)	0.8 ha	G	B	C	A	B	PI02 - Other invasive alien species (other than species of Union concern)
6220*	Pseudo-steppe with grasses and annuals of the <i>Thero-Brachypodietea</i>	1.2 ha	G	A	C	A	B	PM07 - Natural processes without direct or indirect influence from human activities or climate change
92D0	Southern riparian galleries and thickets (<i>Nerio-Tamaricetea</i> and <i>Securinegion tinctoriae</i>)	0.5 ha	G	C	B	C	C	

SPECIES ASSESSMENT

Table 8: 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	B	A	C	PF05 - Sports, tourism and leisure activities
4092	<i>Elatine gussonei</i>	1.7 m ²	G	C	B	A	B	PI02 - Other invasive alien species (other than species of Union concern)
5005	<i>Myotis punicus</i>	1 individual	G	C	C	A	C	PM07 - Natural processes without direct or indirect influence from human activities or climate change

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
MT07_ SSCO_01a	Increase the extent of Habitat 1150* through the corresponding target	Area covered by the habitat type	20% increase in the area of Habitat 1150*	% increase in habitat area (compared to baseline area)
MT07_ SSCO_01b	Improve the structure and function of Habitat 1150* through the corresponding targets	Hydrological regime: Water/Salinity levels, Water flow	Water/Salinity levels maintained as a result of a fully-functional sluice and culvert system	Water/Salinity levels (ppm)
MT07_ SSCO_01c			Land-sea interface connectivity maintained	Water flow
MT07_ SSCO_01d			Hydrological regime improved through the restoration of the breakwater	
MT07_ SSCO_01e		Species composition: Typical species	Habitat representativity improved	Species composition
MT07_ SSCO_01f		Species composition: Invasive alien species (flora and fauna)	Domestic waterfowl population within the lagoon and surrounding areas significantly reduced	Number of individuals
MT07_ SSCO_01g			Population of other alien species (flora and fauna) significantly reduced	Number of individuals/ Percentage cover

1150* - Coastal lagoons					
Measure code	Conservation Measure	Category (Art. 17)	Performance indicator	Timeframe	Lead/ Supporting Parties
MT07_CM_01a	Engineering works are in line with the approved restoration plans to increase the area of Habitat 1150*	Restoration of habitat of species from the directives (MS03)	Implementation of engineering works	Short-term	ERA, AM / NGO
MT07_CM_01b	Planting of species typical of Habitat 1150* (e.g. <i>Phragmites australis</i> and <i>Ruppia</i> spp.) within the extended wetland area	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
MT07_CM_01c	Maintenance of the sluice and culvert system to regulate the water/salinity levels in the salt pans	Reduce impact of multi-purpose hydrological changes (MK02)	Operation and maintenance of the sluice and culvert system	Ongoing	ERA, AM / NGO
MT07_CM_01d	Cleaning of the 'Tas- Sukkursu' canal to maintain the hydrological regime of the lagoon, as required		Number of yearly interventions	Ongoing	ERA, AM / NGO
MT07_CM_01e	Restoration of the breakwater to restore the hydrological regime of Habitat 1150*		Breakwater restored	Long-term	Ministry for Public Works and Planning (MPWP)
MT07_CM_01f	Continue with the removal of the domestic waterfowl population from areas supporting 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
MT07_CM_01g	Removal of any other invasive alien species (flora and fauna) present from areas supporting Habitat 1150*		% area covered/ number of invasive alien species	Ongoing	ERA, AM / NGO

1310 - SALICORNIA AND OTHER ANNUALS COLONISING MUD AND SAND

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

1310 - Salicornia and other annuals colonising mud and sand				
SSCO code	Conservation Objective	Attributes	Target	Unit of measurement
MT07_SSCO_02a	Maintain the extent of Habitat 1310 through the corresponding target	Area covered by the habitat type	Area stable at 0.05 ha or increasing through natural regeneration	Habitat area (in hectares)
MT07_SSCO_02b	Maintain the structure and function of Habitat 1310 through the corresponding target	Species composition: Typical species	The presence of typical species associated with Habitat 1310 within the site is maintained	Species composition

3170* - MEDITERRANEAN TEMPORARY PONDS

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

3170* - Mediterranean temporary ponds				
SSCO code	Conservation Objective	Attributes	Target	Unit of measurement
MT07_SSCO_03a	Maintain the extent of Habitat 3170* through the corresponding target	Area covered by the habitat type	Area of Habitat 3170* stable at 0.0003 ha	Habitat area (in hectares)
MT07_SSCO_03b	Maintain the structure and function of Habitat 3170* through the corresponding target	Species composition: Typical species	The presence of typical species associated with Habitat 3170* within the site is maintained	Species composition
MT07_SSCO_03c	Improve future prospects of Habitat 3170* through the corresponding target	Pressures and threats: Human disturbance (Trampling)	Trampling within areas supporting Habitat 3170* is non-significant	Area of habitat showing signs of trampling

3170* - Mediterranean temporary ponds					
Measure code	Conservation Measure	Category (Art. 17)	Performance indicator	Timeframe	Lead/ Supporting Parties
MT07_CM_03a	Installation of non-intrusive educational signage and retention of existing footpaths to reduce trampling within areas supporting Habitat 3170*	Reduce impact of outdoor sports, leisure and recreational activities (incl. restoration of habitats) (MF03)	Signage installed/ Existing footpaths retained	Short-term/ Ongoing	ERA, AM / NGO

5410 - WEST MEDITERRANEAN CLIFFTOP PHRYGANAS (*ASTRAGALO-PLANTAGINETUM SUBULATAE*)

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

5410 - West Mediterranean clifftop phrygas (<i>Astragalo-Plantaginetum subulatae</i>)				
SSCO code	Conservation Objective	Attributes	Target	Unit of measurement
MT07_SSCO_04a	Maintain the extent of Habitat 5410 through the corresponding target	Area covered by the habitat type	Area stable at 0.8 ha or increasing through natural regeneration	Habitat area (in hectares)
MT07_SSCO_04b	Improve the structure and function of Habitat 5410 through the corresponding targets	Species composition: Typical species	Habitat representativity improved	Species composition
MT07_SSCO_04c		Species composition: Invasive alien plant species	Area occupied by invasive alien species is non-significant	Area of habitat occupied by invasive alien species
MT07_SSCO_04d	Improve future prospects of Habitat 5410 through the corresponding target	Pressures and threats: Human disturbance (Trampling)	Trampling within areas supporting Habitat 5410 is non-significant	Area of habitat showing signs of trampling

5410 - West Mediterranean clifftop phrygas (<i>Astragalo-Plantaginetum subulatae</i>)					
Measure code	Conservation Measure	Category (Art. 17)	Performance indicator	Timeframe	Lead/ Supporting Parties
MT07_CM_04a	Removal of invasive alien species, mainly <i>Acacia saligna</i> , from areas supporting Habitat 5410, while preventing their introduction	Management, control or eradication of established invasive alien species of Union concern (MI02)	% area of invasive alien species removed	Short-term	ERA, AM / NGO
MT07_CM_04b	Removal of naturally-regenerating pine saplings to maintain the full extent and representativity of Habitat 5410 within the site	Manage native species (incl. non-Directive species) (MS04)	Number of naturally-regenerating pine saplings removed from Habitat 5410	Ongoing	ERA, AM / NGO
MT07_CM_04c	Installation of non-intrusive educational signage and retention of existing footpaths to reduce trampling within areas supporting Habitat 5410	Reduce impact of outdoor sports, leisure and recreational activities (incl. restoration of habitats) (MF03)	Signage installed/ Existing footpaths retained	Short-term/ Ongoing	ERA, AM / NGO

6220*- PSEUDO-STEPPE WITH GRASSES AND ANNUALS OF THE *THERO-BRACHYPODIETEA*

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

6220*- Pseudo-steppe with grasses and annuals of the <i>Thero-Brachypodietea</i>					
SSCO code	Conservation Objective	Attributes	Target	Unit of measurement	
MT07_SSCO_05a	Maintain the extent of Habitat 6220* through the corresponding target	Area covered by the habitat type	Area stable at 1.2 ha or increasing through natural regeneration	Habitat area (in hectares)	
MT07_SSCO_05b	Improve the structure and function of Habitat 6220* through the corresponding targets	Species composition: Typical species	The presence of typical species associated with Habitat 6220* within the site is maintained	Species composition	
MT07_SSCO_05c		Species composition: Invasive alien plant species	Area occupied by invasive alien species is non-significant	Area of habitat occupied by invasive alien species	
MT07_SSCO_05d	Improve future prospects of Habitat 6220* through the corresponding target	Pressures and threats: Human disturbance (Trampling)	Trampling within areas supporting Habitat 6220* is non-significant	Area of habitat showing signs of trampling	
6220*- Pseudo-steppe with grasses and annuals of the <i>Thero-Brachypodietea</i>					
Measure code	Conservation Measure	Category (Art. 17)	Performance indicator	Timeframe	Lead/ Supporting Parties
MT07_CM_05a	Removal of invasive alien species, mainly <i>Acacia saligna</i> , from areas supporting Habitat 6220*, while preventing their introduction	Management, control or eradication of established invasive alien species of Union concern (MI02)	% area of invasive alien species removed	Short-term	ERA, AM / NGO

6220* - Pseudo-steppe with grasses and annuals of the <i>Thero-Brachypodietea</i>					
Measure code	Conservation Measure	Category (Art. 17)	Performance indicator	Timeframe	Lead/ Supporting Parties
MT07_CM_05b	Removal of naturally-regenerating pine saplings to maintain the full extent and representativity of Habitat 6220* within the site	Manage native species (incl. non-Directive species) (MS04)	Number of naturally-regenerating pine saplings removed from Habitat 6220*	Ongoing	ERA, AM / NGO
MT07_CM_05c	Installation of non-intrusive educational signage and retention of existing footpaths to reduce trampling within areas supporting Habitat 6220*	Reduce impact of outdoor sports, leisure and recreational activities (incl. restoration of habitats) (MF03)	Signage installed/ Existing footpaths retained	Short-term/ Ongoing	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
MT07_SSCO_06a	Increase the extent of Habitat 92D0 through the corresponding target	Area covered by the habitat type	30% increase in the area of Habitat 92D0	% increase in habitat area (compared to baseline area)
MT07_SSCO_06b	Improve the structure and function of Habitat 92D0 through the corresponding targets	Species composition: Typical species	Habitat representativity improved	Species composition
MT07_SSCO_06c		Species composition: Invasive alien plant species	Area occupied by invasive alien species is non-significant	Area of habitat occupied by invasive alien species

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
MT07_CM_06a	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
MT07_CM_06b	Planting of <i>Vitex agnus-castus</i> to improve representativity of Habitat 92D0		Number of specimens planted, success rate	Short-term	ERA, AM / NGO
MT07_CM_06c	Removal of invasive alien species, mainly <i>Acacia saligna</i> , from areas supporting Habitat 92D0, while preventing their introduction	Management, control or eradication of established invasive alien species of Union concern (MI02)	% area of invasive alien species removed	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
MT07_SSCO_07a	Increase the extent of Habitat 1150* supporting <i>Aphanius fasciatus</i> through the corresponding target	Extent of habitat for the species	Approximately 20% increase in the area of Habitat 1150*	% increase in the area covered by the species' habitat (in hectares)
MT07_SSCO_07b	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

<i>Aphanius fasciatus</i>					
Measure code	Conservation Measure	Category (Art. 17)	Performance indicator	Timeframe	Lead/ Supporting Parties
MT07_CM_07a	Continue with the ex-situ conservation of the <i>Aphanius fasciatus</i> present at Salini, 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
MT07_CM_07b	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	MT07_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

ELATINE GUSSONEI

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

<i>Elatine gussonei</i>				
SSCO code	Conservation Objective	Attributes	Target	Unit of measurement
MT07_SSCO_08a	Maintain the distribution and population size of <i>Elatine gussonei</i> through the corresponding targets	Distribution	No decline in species distribution	Number of rockpools occupied by the species
MT07_SSCO_08b		Population size	Population size stable at 1.7 m ² or showing positive trends	Area covered by the species (in m ²)
MT07_SSCO_08c	Maintain the extent of Habitat 3170* supporting <i>Elatine gussonei</i> through the corresponding target	Extent of habitat for the species	Area covered by Habitat 3170* is stable at 0.0003 ha	Area covered by the species' habitat (in hectares)
MT07_SSCO_08d	Improve the condition of the habitat type supporting <i>Elatine gussonei</i> through the corresponding target	Habitat condition	The condition of Habitat 3170* is suitable to maintain the distribution and population size of the species	Habitat condition

<i>Elatine gussonei</i>					
Measure code	Conservation Measure	Category (Art. 17)	Performance indicator	Timeframe	Lead/ Supporting Parties
MT07_CM_08a	Implementation of the conservation measures listed under Habitat 3170* to maintain the condition of the habitat supporting <i>Elatine gussonei</i>	Restoration of habitat of species from the directives (MS03)	Implementation of measures listed for Habitat 3170*	Various	ERA, AM / NGO

MYOTIS PUNICUS

The following site-specific conservation objectives shall seek to maintain the conservation status of these species within this site by 2030:

<i>Myotis punicus</i>				
SSCO code	Conservation Objective	Attributes	Target	Unit of measurement
MT15_SSCO_09a	Maintain the distribution and population size of <i>Myotis punicus</i> through the corresponding targets	Distribution	No decline in species distribution	Occurrence
MT15_SSCO_09b		Population size	Population size stable or showing positive trends	Number of individuals