

L-INĦAWI TA' PEMBROKE

MT0000002

Designation Area: 96.8 ha

ANNEX I HABITATS

- Vegetated sea cliffs of the Mediterranean coasts with endemic *Limonium* spp. (**Habitat 1240**)
- Mediterranean salt meadows (*Juncetalia maritimi*) (**Habitat 1410**)
- Mediterranean temporary ponds (**Habitat 3170*²**)
- West Mediterranean clifftop phrygas (*Astragalo-Plantaginetum subulatae*) (**Habitat 5410**)
- *Sarcopoterium spinosum* phrygas (**Habitat 5420**)
- Pseudo-steppe with grasses and annuals of the *Thero-Brachypodietea* (**Habitat 6220***)

ANNEX II SPECIES

- *Anacamptis urvilleana*
- *Elatine gussonei*
- *Ophrys melitensis*

² Priority natural habitat types means natural habitat types in danger of disappearance at EU level. These priority natural habitat types are indicated by an asterisk (*).

Figure 1: Habitat map of 'L-Inħawi ta' Pembroke' – excluding Habitat 6220*

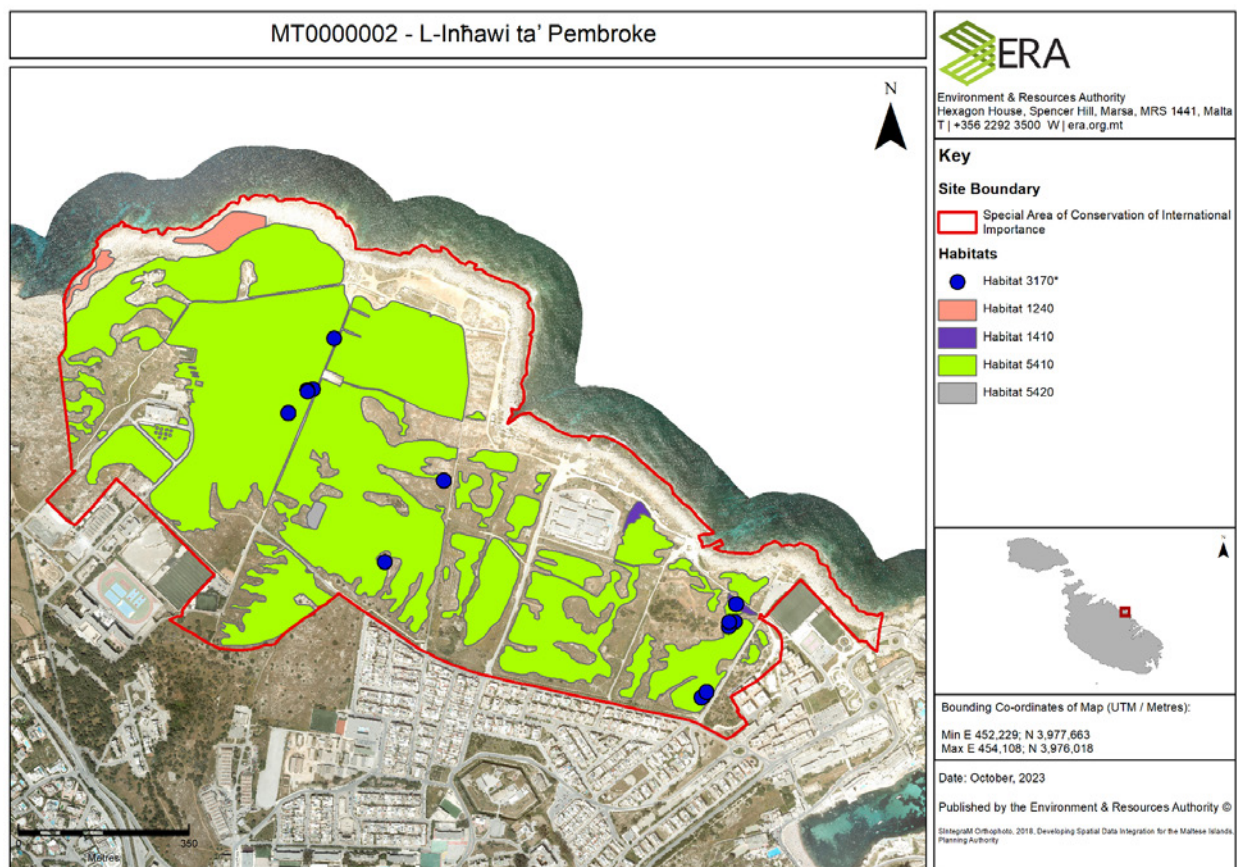
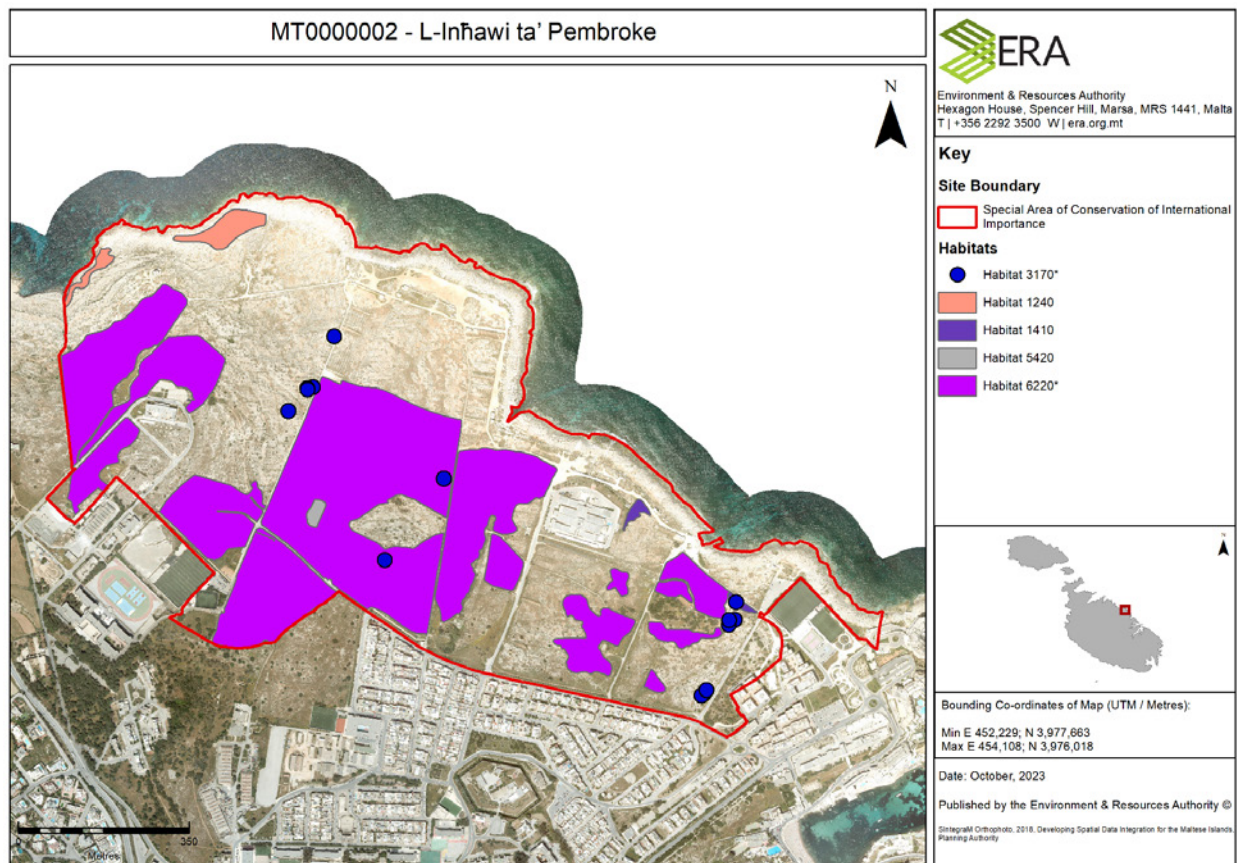


Figure 2: Habitat map of 'L-Inħawi ta' Pembroke' – excluding Habitat 5410



HABITAT ASSESSMENT

Table 2: 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 ³	Relative Surface ⁴	Conservation ⁵	Global ⁶	
1240	Vegetated sea cliffs of the Mediterranean coasts with endemic <i>Limonium</i> spp.	0.9 ha	G	A	C	A	A	
1410	Mediterranean salt meadows (<i>Juncetalia maritimi</i>)	0.2 ha	G	C	A	C	C	PF05 - Sports, tourism and leisure activities
3170*	Mediterranean temporary ponds	0.003 ha	G	B	B	C	B	PI01 - Invasive alien species of Union concern
5410	West Mediterranean clifftop phrygas (<i>Astragalo-Plantaginetum subulatae</i>)	45 ha	G	B	B	C	B	PI02 - Other invasive alien species (other than species of Union concern)
5420	<i>Sarcopoterium spinosum</i> phrygas	0.1 ha	G	C	A	C	C	
6220*	Pseudo-steppe with grasses and annuals of the <i>Thero-Brachypodietea</i>	32.3 ha	G	B	B	B	B	

3 **REPRESENTATIVITY:** Degree of representativity of the natural habitat type on the site: A: excellent representativity; B: good representativity; C: significant representativity; D: non-significant presence

4 **RELATIVE SURFACE:** Area of the site covered by the natural habitat type in relation to the total area covered by that natural habitat type within the national territory. A: 100 >= p > 15%; B: 15 >= p > 2%; C: 2 >= p > 0

5 **CONSERVATION:** Degree of conservation of the structure and functions of the natural habitat type concerned and restoration possibilities. A: excellent conservation; B: good conservation; C: average or reduced conservation

6 **GLOBAL:** Global assessment of the value of the site for conservation of the natural habitat type concerned. A : excellent value; B : good value; C : significant value

SPECIES ASSESSMENT

Table 3: Species listed in Annex II of Directive 92/43/EEC present on site

Species Code	Species Name	Population size	Site assessment					Pressures relevant to the Natura 2000 site
			Data Quality	Population ⁷	Conservation ⁸	Isolation ⁹	Global ¹⁰	
4092	<i>Elatine gussonei</i>	9.9 m ²	G	B	B	A	B	PF05 - Sports, tourism and leisure activities
4102	<i>Anacamptis urvilleana</i>	4 grid cells (1x1 km)	G	C	B	A	C	PI01 - Invasive alien species of Union Concern
4105	<i>Ophrys melitensis</i>	4 grid cells (1x1 km)	G	C	B	A	C	PI02 - Other invasive alien species (other than species of Union concern)

7 **POPULATION:** Size and density of the population of the species present on the site in relation to the populations present within national territory. A: 100% >= p > 15%; B: 15% >= p > 2%; C: 2% >= p > 0%; D: non-significant population

8 **CONSERVATION:** Degree of conservation of the features of the habitat which are important for the species concerned and possibilities for restoration A: excellent conservation; B: good conservation; C: average or reduced conservation

9 **ISOLATION:** Degree of isolation of the population present on the site in relation to the natural range of the species. A: population (almost) isolated; B: population not-isolated, but on margins of area of distribution; C: population not-isolated within extended distribution range

10 **GLOBAL:** Global assessment of the value of the site for conservation of the species concerned A : excellent value B : good value; C : significant value

1240 - VEGETATED SEA CLIFFS OF THE MEDITERRANEAN COASTS WITH ENDEMIC *LIMONIUM* SPP.

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

1240 - Vegetated sea cliffs of the Mediterranean coasts with endemic <i>Limonium</i> spp.				
SSCO code	Conservation Objective	Attributes	Target	Unit of measurement
MT02_SSCO_01a	Maintain the extent of Habitat 1240 through the corresponding target	Area covered by the habitat type	Area stable at 0.9 ha or increasing through natural regeneration	Habitat area (in hectares)
MT02_SSCO_01b	Maintain the structure and function of Habitat 1240 through the corresponding target	Species composition: Typical species	The presence of typical species associated with Habitat 1240 within the site is maintained	Species composition

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
MT02_SSCO_02a	Maintain the extent of Habitat 1410 through the corresponding target	Area covered by the habitat type	Area stable at 0.2 ha or increasing through natural regeneration	Habitat area (in hectares)
MT02_SSCO_02b	Improve the structure and function of Habitat 1410 through the corresponding targets	Species composition: Typical species	Habitat representativity improved	Species composition
MT02_SSCO_02c		Species composition: Invasive alien plant species	Area occupied by invasive alien species is non-significant	Area of habitat occupied by invasive alien species
MT02_SSCO_02d	Improve future prospects of Habitat 1410 through the corresponding target	Pressures and threats: Human disturbance (Trampling)	Trampling within areas supporting Habitat 1410 is non-significant	Area of habitat showing signs of trampling

1410 - Mediterranean salt meadows (<i>Juncetalia maritimi</i>)					
Measure code	Conservation Measure	Category (Art. 17)	Performance indicator	Timeframe	Lead/ Supporting Parties
MT02_CM_02a	Removal of invasive alien species, mainly <i>Cortaderia</i> sp., <i>Cyperus alternifolius</i> and <i>Pittosporum tobira</i> , within areas supporting Habitat 1410, while preventing their introduction	Management, control or eradication of other invasive alien species (MI03)	% area of invasive alien species removed	Short-term	ERA, AM / NGO
MT02_CM_02b	Planting of <i>Juncus</i> spp. to improve representativity of Habitat 1410	Manage native species (incl. non-Directive species) (MS04)	Number of specimens planted, success rate	Short-term	ERA, AM / NGO
MT02_CM_02c	Control of <i>Phragmites australis</i> spread from areas supporting Habitat 1410 to ensure it does not threaten other <i>Juncetalia maritimi</i> species		Area occupied by <i>Phragmites australis</i>	Ongoing	ERA, AM / NGO
MT02_CM_02d	Installation of non-intrusive educational signage and retention of existing footpaths to reduce trampling within areas supporting Habitat 1410	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

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
MT02_SSCO_03a	Maintain the extent of Habitat 3170* through the corresponding target	Area covered by the habitat type	Area stable at 0.003 ha	Habitat area (in hectares)
MT02_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
MT02_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 ¹¹	Area of habitat showing signs of trampling

3170* - Mediterranean temporary ponds					
Measure code	Conservation Measure	Category (Art. 17)	Performance indicator	Timeframe	Lead/ Supporting Parties
MT02_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

¹¹ The term "non-significant" means that the pressure or threat is no longer considered to have a significant impact on the conservation status of the habitat

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
MT02_SSCO_04a	Maintain the extent of Habitat 5410 through the corresponding target	Area covered by the habitat type	Area stable at 45 ha or increasing through natural regeneration	Habitat area (in hectares)
MT02_SSCO_04b	Improve the structure and function of Habitat 5410 through the corresponding targets	Species composition: Typical species	The presence of typical species associated with Habitat 5410 within the site is maintained	Species composition
MT02_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
MT02_SSCO_04d	Improve future prospects of Habitat 5410 through the corresponding targets	Pressures and threats: Human disturbance (Trampling)	Trampling within areas supporting Habitat 5410 is non- significant	Area of habitat showing signs of trampling
MT02_SSCO_04e		Pressures and threats: Human disturbance (Vehicular access)	Vehicular access to areas supporting Habitat 5410 is managed	Vehicular access (Managed/ Unmanaged)

5410 - West Mediterranean clifftop phrygas (<i>Astragalo-Plantaginetum subulatae</i>)					
Measure code	Conservation Measure	Category (Art. 17)	Performance indicator	Timeframe	Lead/ Supporting Parties
MT02_CM_04a	Removal of invasive alien species, mainly <i>Acacia saligna</i> and <i>Agave</i> spp., from areas supporting Habitat 5410, while preventing their introduction	Management, control or eradication of established invasive alien species of Union concern (MI02) Management, control or eradication of other invasive alien species (MI03)	% area of invasive alien species removed	Medium-term	ERA, AM / NGO
MT02_CM_04b	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
MT02_CM_04c	Manage vehicular access to facilitate natural habitat regeneration of Habitat 5410	Reduce impact of outdoor sports, leisure and recreational activities (incl. restoration of habitats) (MF03)	Physical barriers/ Signage installed	Medium-term	ERA, AM / NGO

5420 - *SARCOPOTERIUM SPINOSUM* PHRYGANAS

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

5420 - <i>Sarcopoterium spinosum</i> phryganas					
SSCO code	Conservation Objective	Attributes	Target	Unit of measurement	
MT02_SSCO_05a	Maintain the extent of Habitat 5420 through the corresponding target	Area covered by the habitat type	Area stable at 0.1 ha or increasing through natural regeneration	Habitat area (in hectares)	
MT02_SSCO_05b	Improve the structure and function of Habitat 5420 through the corresponding target	Species composition: Typical species	Habitat representativity improved	Species composition	
MT02_SSCO_05c	Improve future prospects of Habitat 5420 through the corresponding target	Pressures and threats: Human disturbance (Trampling)	Trampling within areas supporting Habitat 5420 is non-significant	Area of habitat showing signs of trampling	
5420 - <i>Sarcopoterium spinosum</i> phryganas					
Measure code	Conservation Measure	Category (Art. 17)	Performance indicator	Timeframe	Lead/ Supporting Parties
MT02_CM_05a	Planting/seeding of <i>Sarcopoterium spinosum</i> to improve representativity of Habitat 5420	Manage native species (incl. non-Directive species) (MS04)	Number of specimens planted, success rate	Short-term	ERA, AM / NGO
MT02_CM_05b	Ex-situ conservation of <i>Sarcopoterium spinosum</i> to preserve its genetic stock for subsequent reinforcement initiatives		Number of specimens present in ex-situ	Short-term	ERA, AM / NGO
MT02_CM_05c	Installation of non- intrusive educational signage and retention of existing footpaths to reduce trampling within areas supporting Habitat 5420		Reduce impact of outdoor sports, leisure and recreational activities (incl. restoration of habitats) (MF03)	Signage installed/ Existing footpaths retained	Short-term/ Ongoing

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

The following site-specific conservation objectives and measures shall seek to restore 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
MT02_SSCO_06a	Maintain the extent of Habitat 6220* through the corresponding target	Area covered by the habitat type	Area stable at 32.3 ha or increasing through natural regeneration	Habitat area (in hectares)
MT02_SSCO_06b	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
MT02_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
MT02_SSCO_06d		Pressures and threats: Human disturbance (Trampling)	Trampling within areas supporting Habitat 6220* is non-significant	Area of habitat showing signs of trampling
MT02_SSCO_06e	Improve future prospects of Habitat 6220* through the corresponding targets	Pressures and threats: Human disturbance (Vehicular access)	Vehicular access to areas supporting Habitat 6220* is managed	Vehicular access (Managed/Unmanaged)

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
MT02_CM_06a	Removal of invasive alien species, mainly <i>Agave</i> spp. and <i>Opuntia</i> spp., from areas supporting Habitat 6220*, while preventing their introduction	Management, control or eradication of other invasive alien species (MI03)	% area of invasive alien species removed	Long-term	ERA, AM / NGO
MT02_CM_06b	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
MT02_CM_06c	Manage vehicular access to facilitate natural habitat regeneration of Habitat 6220*	Reduce impact of outdoor sports, leisure and recreational activities (incl. restoration of habitats) (MF03)	Physical barriers/ Signage installed	Medium-term	ERA, AM / NGO

ANACAMPTIS URVILLEANA AND OPHRYS MELITENSIS

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

<i>Anacamptis urvilleana</i> and <i>Ophrys melitensis</i>				
SSCO code	Conservation Objective	Attributes	Target	Unit of measurement
MT02_SSCO_07a	Maintain the distribution of <i>Anacamptis urvilleana</i> through the corresponding target	Distribution	No decline in species distribution	Occurrence
MT02_SSCO_07b	Maintain the distribution of <i>Ophrys melitensis</i> through the corresponding target	Distribution	No decline in species distribution	Occurrence
MT02_SSCO_07c	Maintain the extent of Habitat 5410 supporting <i>Anacamptis urvilleana</i> and <i>Ophrys melitensis</i> through the corresponding target	Extent of habitat for the species	Area of Habitat 5410 is stable at 45 ha or increasing through natural regeneration	Area covered by the species' habitat (in hectares)
MT02_SSCO_07d	Improve the condition of Habitat 5410 supporting <i>Anacamptis urvilleana</i> and <i>Ophrys melitensis</i> through the corresponding target	Habitat condition	The condition of Habitat 5410 is suitable to maintain the distribution and population size of the species	Habitat condition

<i>Anacamptis urvilleana</i> and <i>Ophrys melitensis</i>					
Measure code	Conservation Measure	Category (Art. 17)	Performance indicator	Timeframe	Lead/ Supporting Parties
MT02_CM_07a	Implementation of the conservation measures listed under Habitat 5410 to maintain the condition of the habitat supporting <i>Anacamptis urvilleana</i> and <i>Ophrys melitensis</i>	Restoration of habitat of species from the directives (MS03)	Implementation of measures listed for Habitat 5410	Various	ERA, AM / NGO

ELATINE GUSSONEI

The following site-specific conservation objectives 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
MT02_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
MT02_SSCO_08b		Population size	Population size stable at 9.9 m ² or showing positive trends	Area covered by the species (in m ²)
MT02_SSCO_08c	Maintain the extent of Habitat 3170* supporting <i>Elatine gussonei</i> through the corresponding target	Extent of habitat for the species	Area of Habitat 3170* is stable at 0.003 ha	Area covered by the species' habitat (in hectares)
MT02_SSCO_08d	Improve the condition of Habitat 3170* supporting <i>Elatine gussonei</i> through the corresponding target	Habitat condition	The condition of Habitat 3170* is suitable for the species	Habitat condition

<i>Elatine gussonei</i>					
Measure code	Conservation Measure	Category (Art. 17)	Performance indicator	Timeframe	Lead/ Supporting Parties
MT02_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

There are various invasive alien plant species in close proximity to Annex I Habitats. Site- specific conservation objectives and measures were thus included to prevent the spread of such species on the Annex I Habitats present within the site.

SSCO code	Conservation Objective	Attributes	Target	Unit of measurement
MT02_SSCO_09	Removal of invasive alien species from areas adjacent to Annex I habitats	Pressures and threats: Invasive alien plant species	50% reduction in area occupied by invasive alien species	Area occupied by invasive alien species

Measure code	Conservation Measure	Category (Art. 17)	Performance indicator	Timeframe	Lead/ Supporting Parties
MT02_CM_09	Removal of invasive alien species, mainly <i>Acacia saligna</i> , <i>Agave</i> spp. and <i>Leucaena leucocephala</i> , from areas adjacent to Annex I habitats while preventing their introduction	Management, control or eradication of established invasive alien species of Union concern (MI02) Management, control or eradication of other invasive alien species (MI03)	% area of invasive alien species removed	Long-term	ERA, AM / NGO