



# Ramsar Information Sheet

Update version, previously published on : 1 January 2009

## Sweden

### Träslövsläge-Morups Tånge



Designation date	12 June 1989
Site number	430
Coordinates	56°59'11"N 12°20'20"E
Area	1 975,51 ha

## Color codes

Fields back-shaded in light blue relate to data and information required only for RIS updates.

Note that some fields concerning aspects of Part 3, the Ecological Character Description of the RIS (tinted in purple), are not expected to be completed as part of a standard RIS, but are included for completeness so as to provide the requested consistency between the RIS and the format of a 'full' Ecological Character Description, as adopted in Resolution X.15 (2008). If a Contracting Party does have information available that is relevant to these fields (for example from a national format Ecological Character Description) it may, if it wishes to, include information in these additional fields.

## 1 - Summary

### Summary

The site is comprised of a complex of shallow marine waters and adjacent low-lying wet meadows. Important habitats at the site include shallow bays, lagoons and islands of varying sizes, stretches of rocky shore, sand dunes, salt meadows and moors. The shore meadows are partly grazed and have high botanical values. The area is very important for breeding and staging birds, especially waders. The shallow waters within and outside the site are very productive in terms of fish and marine invertebrates.

## 2 - Data & location

### 2.1 - Formal data

#### 2.1.1 - Name and address of the compiler of this RIS

##### Compiler 1

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##### Compiler 2

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#### 2.1.2 - Period of collection of data and information used to compile the RIS

From year	2009
To year	2018

#### 2.1.3 - Name of the Ramsar Site

Official name (in English, French or Spanish)	Träslövsläge-Morups Tånge
Unofficial name (optional)	Träslövsläge-Morups Tånge (coast)

#### 2.1.4 - Changes to the boundaries and area of the Site since its designation or earlier update

(Update) A. Changes to Site boundary	Yes <input checked="" type="radio"/> No <input type="radio"/>
(Update) The boundary has been delineated more accurately	<input checked="" type="checkbox"/>
(Update) The boundary has been extended	<input checked="" type="checkbox"/>
(Update) The boundary has been restricted	<input checked="" type="checkbox"/>
(Update) B. Changes to Site area	the area has decreased
(Update) The Site area has been calculated more accurately	<input checked="" type="checkbox"/>
(Update) The Site has been delineated more accurately	<input checked="" type="checkbox"/>
(Update) The Site area has increased because of a boundary extension	<input checked="" type="checkbox"/>
(Update) The Site area has decreased because of a boundary restriction	<input checked="" type="checkbox"/>

#### 2.1.5 - Changes to the ecological character of the Site

(Update) 6b i. Has the ecological character of the Ramsar Site (including applicable Criteria) changed since the previous RIS?	Yes (likely)
(Update) Are the changes	Positive <input checked="" type="radio"/> Negative <input type="radio"/> Positive & Negative <input type="radio"/>
(Update) Positive %	1
(Update) No information available	<input type="checkbox"/>
(Update) Changes resulting from causes operating within the existing boundaries?	<input type="checkbox"/>

(Update) Changes resulting from causes operating beyond the site's boundaries?

(Update) Changes consequent upon site boundary reduction alone (e.g., the exclusion of some wetland types formerly included within the site)?

(Update) Changes consequent upon site boundary increase alone (e.g., the inclusion of different wetland types in the site)?

(Update) Please describe any changes to the ecological character of the Ramsar Site, including in the application of the Criteria, since the previous RIS for the site.

The border has been changed and the site size has altogether been restricted. The new border corresponds better to protected areas and natural elements. There are some extensions including more wet grasslands some sea areas (inside protected areas) and some arable land. There are restrictions excluding arable land, a camping site with adjacent sea bath, other strips of sea water (outside protected areas) and built-up areas.

(Update) Is the change in ecological character negative, human-induced AND a significant change (above the limit of acceptable change) Yes

## 2.2 - Site location

### 2.2.1 - Defining the Site boundaries

b) Digital map/image  
<1 file(s) uploaded>

Former maps

Boundaries description

The site Träslövsläge-Morups Tånge is situated on the southwest coast of Sweden in the county of Halland. The site is situated between the towns of Varberg and Falkenberg, about 80 km south of the city of Göteborg. The boundary largely follows the borders of protected areas and when not, it follows physical elements such as roads, edges of fields with arable land etc.

### 2.2.2 - General location

a) In which large administrative region does the site lie?

b) What is the nearest town or population centre?

### 2.2.3 - For wetlands on national boundaries only

a) Does the wetland extend onto the territory of one or more other countries? Yes  No

b) Is the site adjacent to another designated Ramsar Site on the territory of another Contracting Party? Yes  No

### 2.2.4 - Area of the Site

Official area, in hectares (ha):

Area, in hectares (ha) as calculated from GIS boundaries

### 2.2.5 - Biogeography

Biogeographic regions

Regionalisation scheme(s)	Biogeographic region
Marine Ecoregions of the World (MEOW)	North seas
Freshwater Ecoregions of the World (FEOW)	Ecoregion 406 Northern Baltic drainages
Other scheme (provide name below)	See textbox below
WWF Terrestrial Ecoregions	Sarmatic mixed forest PA0436
Udvardy's Biogeographical Provinces	11 Middle European forest
Bailey's Ecoregions	240 Marine Division
EU biogeographic regionalization	continental

Other biogeographic regionalisation scheme

Södra Hallands kustland (Nordiska ministerrådet 1984 naturgeografiska regioner i Norden.)  
Sarmatic mixed forest (DMEER 2002 EEA digital Map of European Ecological Regions)

### 3 - Why is the Site important?

#### 3.1 - Ramsar Criteria and their justification

- Criterion 1: Representative, rare or unique natural or near-natural wetland types

Other reasons

The flat sea shore meadows are rare and unique for the EU Continental region. They are of great ecological importance for staging and breeding waders, as well as for the flora. The site includes the Natura 2000-habitats 1140 (mudflats), 1160 (large shallow inlets and bays), 1170 (reefs), 1210 (annual vegetation of drift lines), 1220 (perennial vegetation of stony banks), 1310 (Salicornia and other annuals colonizing mud and sand), 1330 (Atlantic salt meadows), 2130 (fixed coastal dunes with herbaceous vegetation) and 4030 (European dry heaths).

- Criterion 2 : Rare species and threatened ecological communities

- Criterion 3 : Biological diversity

Justification

The site supports a rich avian fauna. It is very important to birds breeding on the shore meadows, as well as to staging waders and ducks. The site is also important for a number of threatened plant species.

- Criterion 4 : Support during critical life cycle stage or in adverse conditions

#### 3.2 - Plant species whose presence relates to the international importance of the site

Scientific name	Common name	Criterion 2	Criterion 3	Criterion 4	IUCN Red List	CITES Appendix I	Other status	Justification
<i>Atriplex laciniata</i>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	LC	<input type="checkbox"/>	Swedish Red List 2015 (EN).	See text box below the table and section 3.1.
<i>Catabrosa aquatica</i>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	LC	<input type="checkbox"/>	Swedish Red List 2015 (VU).	See text box below the table and section 3.1.
<i>Eryngium maritimum</i>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Swedish Red List 2015 (EN).	See text box below the table and section 3.1.
<i>Helosciadium inundatum</i>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Swedish Red List 2015 (EN).	See text box below the table and section 3.1.
<i>Limonium vulgare</i>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Swedish Red List 2015 (VU).	See text box below the table and section 3.1.
<i>Lotus tenuis</i>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Swedish Red List 2015 (NT).	See text box below the table and section 3.1.
<i>Lythrum portula</i>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	LC	<input type="checkbox"/>	Swedish Red List 2015 (NT).	See text box below the table and section 3.1.

Criterion 2 and 3: For all species, the Swedish red-list status and general information for that classification etc can be found at <http://artfakta.artdatabanken.se/>. Observations can be found in [www.artportalen.se](http://www.artportalen.se).

Criteria 3: The site support a number of wetland species typical for these types of wetlands in the EU Continental region.

#### 3.3 - Animal species whose presence relates to the international importance of the site

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence <sup>1)</sup>	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
<b>Birds</b>																		
CHORDATA / AVES	 <i>Anas clypeata</i>	Northern Shoveler	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4				<input type="checkbox"/>	<input type="checkbox"/>		Staging and foraging. See text box below the table and section 3.1.
CHORDATA / AVES	 <i>Anas querquedula</i>	Garganey	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4				<input type="checkbox"/>	<input type="checkbox"/>	Swedish Red List 2015 (VU).	Breeding, staging and foraging. See text box below the table and section 3.1.
CHORDATA / AVES	 <i>Cepphus grylle</i>	Black Guillemot	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Swedish Red List 2015 (NT).	Staging. See text box below the table and section 3.1.
CHORDATA / AVES	 <i>Falco peregrinus</i>	Peregrine Falcon	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Swedish Red List 2015 (NT). EC Birds Directive Annex I.	Staging and foraging. See text box below the table and section 3.1.
CHORDATA / AVES	 <i>Haematopus ostralegus</i>	Eurasian Oystercatcher	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	80	2012		NT 	<input type="checkbox"/>	<input type="checkbox"/>		Breeding, staging and foraging. See text box below the table and section 3.1.
CHORDATA / AVES	 <i>Haliaeetus albicilla</i>	White-tailed Eagle	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Swedish Red List 2015 (NT). EC Birds Directive Annex I.	Staging and foraging. See text box below the table and section 3.1.
CHORDATA / AVES	 <i>Limosa lapponica</i>	Bar-tailed Godwit	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT 	<input type="checkbox"/>	<input type="checkbox"/>	Swedish Red List 2015 (VU). EC Birds Directive Annex I.	Staging and foraging. See text box below the table and section 3.1.
CHORDATA / AVES	 <i>Numenius arquata</i>	Eurasian Curlew	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4			NT 	<input type="checkbox"/>	<input type="checkbox"/>	Swedish Red List 2015 (NT).	Breeding, staging and foraging. See text box below the table and section 3.1.
CHORDATA / AVES	 <i>Pluvialis apricaria</i>	European Golden Plover; European Golden-Plover	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	EC Birds Directive Annex I.	Staging and foraging. See text box below the table and section 3.1.
CHORDATA / AVES	 <i>Recurvirostra avosetta</i>	Pied Avocet	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	34			LC 	<input type="checkbox"/>	<input type="checkbox"/>	EC Birds Directive Annex I.	Breeding, staging and foraging. See text box below the table and section 3.1.
CHORDATA / AVES	 <i>Somateria mollissima</i>	Common Eider	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				NT 	<input type="checkbox"/>	<input type="checkbox"/>	Swedish Red List 2015 (VU).	Breeding, staging and foraging. See text box below the table and section 3.1.
CHORDATA / AVES	 <i>Sterna paradisaea</i>	Arctic Tern	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18			LC 	<input type="checkbox"/>	<input type="checkbox"/>	EC Birds Directive Annex I.	Breeding, staging and foraging. See text box below the table and section 3.1.
CHORDATA / AVES	 <i>Sternula albifrons</i>	Little Tern	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18			LC 	<input type="checkbox"/>	<input type="checkbox"/>	Swedish Red List 2015 (VU). EC Birds Directive Annex I.	Breeding, staging and foraging. See text box below the table and section 3.1.
CHORDATA / AVES	 <i>Thalasseus sandvicensis</i>	Sandwich Tern	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Swedish Red List 2015 (VU). EC Birds Directive Annex I.	Breeding, staging and foraging. See text box below the table and section 3.1.
CHORDATA / AVES	 <i>Tringa totanus</i>	Common Redshank	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	76	2012		LC 	<input type="checkbox"/>	<input type="checkbox"/>		Breeding and foraging. See text box below the table and section 3.1.
CHORDATA / AVES	 <i>Vanellus vanellus</i>	Northern Lapwing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	144	2012		NT 	<input type="checkbox"/>	<input type="checkbox"/>		Breeding, staging and foraging. See text box below the table and section 3.1.

1) Percentage of the total biogeographic population at the site

Criterion 2 and 3: For all species, their status in the Swedish red-list and general information for that classification etc can be found at <http://artfakta.artdatabanken.se/>. Observations can be found in [www.artportalen.se](http://www.artportalen.se).

Criteria 3: The site support a number of wetland species typical for these types of wetlands in the EU Continental region. Observations can be found in [www.artportalen.se](http://www.artportalen.se).

### 3.4 - Ecological communities whose presence relates to the international importance of the site

Name of ecological community	Community qualifies under Criterion 2?	Description	Justification
Reef	<input checked="" type="checkbox"/>	1170 Reefs	The habitat is part of EC The Habitats Directive and is in unfavourable condition in the Continental region in Sweden. Ref: Artdatabanken, 2014.
Salt meadows	<input checked="" type="checkbox"/>	1330 Atlantic Salt Meadows	The habitat is part of EC The Habitats Directive and is in unfavourable condition in the Continental region in Sweden. Ref: Artdatabanken, 2014.
Mudflats	<input checked="" type="checkbox"/>	1140 Mudflats and sandflats not covered by seawater at low tide and 1310 Salicornia and other annuals colonising mud and sand	The habitat is part of EC The Habitats Directive and is in unfavourable condition in the Continental region in Sweden. Ref: Artdatabanken, 2014.

## 4 - What is the Site like? (Ecological character description)

### 4.1 - Ecological character

The site contains flat sea shore meadows along the coast of Kattegatt that are sustained by grazing. Adjacent to the meadows are mudflats and reefs. The combination of suitable areas for nesting waders (grazed meadows) and ample food supplies (mudflats) makes the area important for breeding waders and as staging area for migratory birds.

### 4.2 - What wetland type(s) are in the site?

#### Marine or coastal wetlands

Wetland types (code and name)	Local name	Ranking of extent (1: greatest - 4: least)	Area (ha) of wetland type	Justification of Criterion 1
A: Permanent shallow marine waters		1		Representative
B: Marine subtidal aquatic beds (Underwater vegetation)		0		Representative
D: Rocky marine shores		4		Representative
E: Sand, shingle or pebble shores		0		Representative
G: Intertidal mud, sand or salt flats		3	40	Rare
H: Intertidal marshes	EU: Salt marshes (1330)	2	50	Representative

#### Inland wetlands

Wetland types (code and name)	Local name	Ranking of extent (1: greatest - 4: least)	Area (ha) of wetland type	Justification of Criterion 1
Fresh water > Marshes on inorganic soils >> Tp: Permanent freshwater marshes/pools		0		Representative
Fresh water > Marshes on inorganic soils >> Xf: Freshwater, tree-dominated wetlands		0		

#### Human-made wetlands

Wetland types (code and name)	Local name	Ranking of extent (1: greatest - 4: least)	Area (ha) of wetland type	Justification of Criterion 1
2: Ponds		0		
4: Seasonally flooded agricultural land		0		Representative
9: Canals and drainage channels or ditches		0		

#### Other non-wetland habitat

Other non-wetland habitats within the site	Area (ha) if known
heaths (dry, 4030)	20
sandy grasslands (2100+2130)	20

## 4.3 - Biological components

### 4.3.1 - Plant species

<no data available>

### 4.3.2 - Animal species

#### Invasive alien animal species

Phylum	Scientific name	Common name	Impacts	Changes at RIS update
CHORDATA/MAMMALIA	<i>Neovison vison</i>	American Mnk	Actually (major impacts)	unknown

## 4.4 - Physical components

### 4.4.1 - Climate

Climatic region	Subregion
C: Moist Mid-Latitude climate with mild winters	Cfb: Marine west coast (Mild with no dry season, warm summer)

4.4.2 - Geomorphic setting

a) Minimum elevation above sea level (in metres)

a) Maximum elevation above sea level (in metres)

- Entire river basin
- Upper part of river basin
- Middle part of river basin
- Lower part of river basin
- More than one river basin
- Not in river basin
- Coastal

Please name the river basin or basins. If the site lies in a sub-basin, please also name the larger river basin. For a coastal/marine site, please name the sea or ocean.

The site is situated at the Kattegat Sea. Some very small water courses, ditches etc pass the site and have their outlet in the sea at the site, the ones large enough to have names are Ramsjö kanal, Törlan and Tåkers kanal.

4.4.3 - Soil

Mineral

(Update) Changes at RIS update No change  Increase  Decrease  Unknown

No available information

Are soil types subject to change as a result of changing hydrological conditions (e.g., increased salinity or acidification)? Yes  No

Please provide further information on the soil (optional)

Undulating moraines and shifting sand form a coastline with shallow water. In some parts there are terminal moraines running out in the sea. There are also areas with shingles. In Morups Tånge there are low white sand dunes.

4.4.4 - Water regime

Water permanence

Presence?	Changes at RIS update
Usually seasonal, ephemeral or intermittent water present	
Usually permanent water present	

Source of water that maintains character of the site

Presence?	Predominant water source	Changes at RIS update
Water inputs from groundwater	<input type="checkbox"/>	No change
Water inputs from rainfall	<input type="checkbox"/>	No change
Marine water	<input checked="" type="checkbox"/>	No change

Water destination

Presence?	Changes at RIS update
Marine	unknown

Stability of water regime

Presence?	Changes at RIS update
Water levels largely stable	No change
Water levels fluctuating (including tidal)	No change

Please add any comments on the water regime and its determinants (if relevant). Use this box to explain sites with complex hydrology.

The site has almost no tidal fluctuations but the wet meadows are temporarily submerged.

4.4.5 - Sediment regime

Sediment regime unknown

<no data available>

4.4.6 - Water pH

Unknown

4.4.7 - Water salinity

Euhaline/Eusaline (30-40 g/l)

(Update) Changes at RIS update No change  Increase  Decrease  Unknown

Unknown

Please provide further information on salinity (optional):

The sea is eusaline but the temporal wetlands on the meadows are fresh or mixohaline.

4.4.8 - Dissolved or suspended nutrients in water

Unknown

4.4.9 - Features of the surrounding area which may affect the Site

Please describe whether, and if so how, the landscape and ecological characteristics in the area surrounding the Ramsar Site differ from the i) broadly similar  ii) significantly different  site itself.

Surrounding area has greater urbanisation or development

Surrounding area has higher human population density

Surrounding area has more intensive agricultural use

Surrounding area has significantly different land cover or habitat types

Please describe other ways in which the surrounding area is different:

To the west there is open sea, with deeper waters. To the east there is arable land and built up areas.

4.5 - Ecosystem services

4.5.1 - Ecosystem services/benefits

Provisioning Services

Ecosystem service	Examples	Importance/Extent/Significance
Wetland non-food products	Livestock fodder	High

Cultural Services

Ecosystem service	Examples	Importance/Extent/Significance
Recreation and tourism	Picnics, outings, touring	High
Recreation and tourism	Recreational hunting and fishing	Medium
Recreation and tourism	Nature observation and nature-based tourism	High
Scientific and educational	Major scientific study site	Low
Scientific and educational	Important knowledge systems, importance for research (scientific reference area or site)	Low

Supporting Services

Ecosystem service	Examples	Importance/Extent/Significance
Biodiversity	Supports a variety of all life forms including plants, animals and microorganisms, the genes they contain, and the ecosystems of which they form a part	High

Within the site:

Outside the site:

Have studies or assessments been made of the economic valuation of ecosystem services provided by this Ramsar Site? Yes  No  Unknown

4.5.2 - Social and cultural values

i) the site provides a model of wetland wise use, demonstrating the application of traditional knowledge and methods of management and use that maintain the ecological character of the wetland

ii) the site has exceptional cultural traditions or records of former civilizations that have influenced the ecological character of the wetland

iii) the ecological character of the wetland depends on its interaction with local communities or indigenous peoples

iv) relevant non-material values such as sacred sites are present and their existence is strongly linked with the maintenance of the ecological character of the wetland

<no data available>

#### 4.6 - Ecological processes

<no data available>

## 5 - How is the Site managed? (Conservation and management)

### 5.1 - Land tenure and responsibilities (Managers)

#### 5.1.1 - Land tenure/ownership

##### Private ownership

Category	Within the Ramsar Site	In the surrounding area
Other types of private/individual owner(s)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

#### 5.1.2 - Management authority

Please list the local office / offices of any agency or organization responsible for managing the site:

Länsstyrelsen i Hallands län.

Provide the name and title of the person or people with responsibility for the wetland:

Kontaktperson för Ramsarområden

Postal address:

Länsstyrelsen i Hallands län, 301 86 Halmstad.

E-mail address:

halland@lansstyrelsen.se

### 5.2 - Ecological character threats and responses (Management)

#### 5.2.1 - Factors (actual or likely) adversely affecting the Site's ecological character

##### Human settlements (non agricultural)

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Housing and urban areas	Medium impact	High impact	<input checked="" type="checkbox"/>	unknown	<input checked="" type="checkbox"/>	unknown
Tourism and recreation areas	Medium impact	High impact	<input checked="" type="checkbox"/>	unknown	<input type="checkbox"/>	unknown

##### Water regulation

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Dredging			<input checked="" type="checkbox"/>		<input type="checkbox"/>	

##### Energy production and mining

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Renewable energy	Medium impact	High impact	<input type="checkbox"/>	unknown	<input checked="" type="checkbox"/>	unknown

##### Human intrusions and disturbance

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Recreational and tourism activities	Medium impact	High impact	<input checked="" type="checkbox"/>	No change	<input type="checkbox"/>	No change

##### Invasive and other problematic species and genes

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Invasive non-native/ alien species	High impact	High impact	<input checked="" type="checkbox"/>	unknown	<input type="checkbox"/>	unknown

##### Pollution

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Agricultural and forestry effluents			<input type="checkbox"/>		<input checked="" type="checkbox"/>	
Garbage and solid waste			<input checked="" type="checkbox"/>		<input type="checkbox"/>	

Please describe any other threats (optional):

Hunting for birds. On drier land there are small stands of the invasive species *Rosa rugosa*. Wind power is a threat to the area, as waders do not like to breed close to tall objects.

#### 5.2.2 - Legal conservation status

Regional (international) legal designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
EU Natura 2000	Galtabäck-Lynga strandängar (SPA)	http://skyddadnatur.naturvardsverket.se/	partly
EU Natura 2000	Gamla Köpstad (SCI/SPA)	http://skyddadnatur.naturvardsverket.se/	partly
EU Natura 2000	Morups Tånge (SCI/SPA)	http://skyddadnatur.naturvardsverket.se/	partly

National legal designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
Nature Reserve (1)	Gamla Köpstad (södra)	https://www.lansstyrelsen.se/hal-land/besok-och-upptack/naturreservat/varberg/gamla-kopstad-sodra.html	partly
Nature Reserve (2)	Uttersos	https://www.lansstyrelsen.se/hal-land/besok-och-upptack/naturreservat/varberg/uttersos.html	partly
Nature Reserve (3)	Digesgård	https://www.lansstyrelsen.se/hal-land/besok-och-upptack/naturreservat/falkenberg/digesgard.html	partly
Nature Reserve (4)	Morups Tånge	https://www.lansstyrelsen.se/hal-land/besok-och-upptack/naturreservat/falkenberg/digesgard.html	partly

5.2.3 - IUCN protected areas categories (2008)

- Ia Strict Nature Reserve
- Ib Wilderness Area: protected area managed mainly for wilderness protection
- II National Park: protected area managed mainly for ecosystem protection and recreation
- III Natural Monument: protected area managed mainly for conservation of specific natural features
- IV Habitat/Species Management Area: protected area managed mainly for conservation through management intervention
- V Protected Landscape/Seascape: protected area managed mainly for landscape/seascape conservation and recreation
- VI Managed Resource Protected Area: protected area managed mainly for the sustainable use of natural ecosystems

5.2.4 - Key conservation measures

Legal protection

Measures	Status
Legal protection	Partially implemented

Human Activities

Measures	Status
Livestock management/exclusion (excluding fisheries)	Implemented
Regulation/management of recreational activities	Partially implemented

Other:

Recreational activities (e.g. camping and windsurfing) are believed to cause some local disturbance to waterbirds. Dredging and waste dumping may also create problems. Continued grazing by cattle on the shore meadows is essential in order to maintain meadow quality.

5.2.5 - Management planning

Is there a site-specific management plan for the site? Yes

Has a management effectiveness assessment been undertaken for the site? Yes  No

If the site is a formal transboundary site as indicated in section Data and location > Site location, are there shared management planning processes with another Contracting Party? Yes  No

### 5.2.6 - Planning for restoration

Is there a site-specific restoration plan? No need identified

### 5.2.7 - Monitoring implemented or proposed

Monitoring	Status
Birds	Implemented
Plant community	Implemented

The breeding birds on the meadows are monitored every 5th year. At Morups Tånge, the vegetation is part of a sand dune vegetation surveillance performed by the County Administration of Halland.

## 6 - Additional material

### 6.1 - Additional reports and documents

#### 6.1.1 - Bibliographical references

Artdatabanken, 2014. Arter naturtyper i habitatdirektivet - bevarandestatus i Sverige 2013.

Artdatabanken, 2015. Rödlistade arter i Sverige 2015

Flodin, Lars-Åke. 2012. Övervakning av häckande fåglar på havsstrandängar i Halland 2012. Länsstyrelsen i Hallands län, meddelande 2015:2.

Nordiska ministerrådet. 1984. Naturgeografisk regionindelning av Norden.

#### 6.1.2 - Additional reports and documents

i. taxonomic lists of plant and animal species occurring in the site (see section 4.3)

<no file available>

ii. a detailed Ecological Character Description (ECD) (in a national format)

<no file available>

iii. a description of the site in a national or regional wetland inventory

<no file available>

iv. relevant Article 3.2 reports

<no file available>

v. site management plan

<no file available>

vi. other published literature

<1 file(s) uploaded>

#### 6.1.3 - Photograph(s) of the Site

Please provide at least one photograph of the site:



Morups Tånge (  
Länsstyrelsen i Hallands län,  
14-02-2008 )



Gamla Köpstad (  
Länsstyrelsen i Hallands län,  
30-08-2002 )

#### 6.1.4 - Designation letter and related data

Designation letter

<1 file(s) uploaded>

Date of Designation 1989-06-12