



Ramsar Information Sheet

Update version, previously published on : 1 January 2002

Sweden

Svensksundsviken-Ålönöfjärden



Designation date	14 November 2001
Site number	1128
Coordinates	58°37'09"N 16°26'34"E
Area	3 529,47 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 contains one of the largest seashore meadow areas on the Baltic Sea coast at the Swedish mainland. The shoreline is characterized by a large variation in vegetation types and habitats, such as reed belts, seashore meadows, steppe meadows, oak groves, and coniferous and deciduous forests. The meadows in the area have been very important and were used for grazing and haymaking for centuries. Today, large parts of the land within the site are grazed, but others are being abandoned without grazing. Pine-dominated coniferous forests with deciduous patches can be found on some capes and on the eastern side of the western bay. Oak groves and oak forests with quite large and old oaks are scattered across the site in a few locations. More than 40 species on the national Red List have been found.

The site is very important and representative both for breeding and migrating birds.

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	2002
To year	2018

2.1.3 - Name of the Ramsar Site

Official name (in English, French or Spanish)	Svensksundsviken-Ållonöfjärden
Unofficial name (optional)	Svensksundsviken-Ållonöfjärden (bays); Originally designated as 'Södra Bråviken'

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 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 (actual)
(Update) Are the changes	Positive <input checked="" type="radio"/> Negative <input type="radio"/> Positive & Negative <input type="radio"/>
(Update) Positive %	35
(Update) No information available	<input type="checkbox"/>
(Update) Changes resulting from causes operating within the existing boundaries?	<input checked="" 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 marine habitat in the nature reserve of Svensksundsviken has been fully protected in the new decision by the county administrative board on January 16th, 2015.

The Ramsar site has had its boundary changed. In general the changes consist of the following. The western part has been more, but not fully, adjusted to the border of the nature reserve. This has resulted in that more forests and arable land and some wet meadows have been included. In the north some small areas of open waters have been excluded and other added. The eastern part of the site has its new boundary between the wetlands and the arable land, resulting in that arable land and some built-up areas have been excluded.

(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

In the west and south-west, the Ramsar boundary follows the border of the nature reserves of Svensksundsviken and Djurö, except for two small parts in the south-east where the Ramsar site is larger. In the north the border the Ramsar sites first follows the border for Djurö nature reserve, then continues along the border for the SPA. In the eastern and south-eastern part, the boundary mostly follows the SPA, border, with three exceptions in the most eastern part where the Ramsar site is larger in three places.

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
Other scheme (provide name below)	See textbox below
Bailey's Ecoregions	240 Marine division
Udvardy's Biogeographical Provinces	10 Boreonemoral
Freshwater Ecoregions of the World (FEOW)	406 Northern Baltic drainages
EU biogeographic regionalization	Boreal
Marine Ecoregions of the World (MEOW)	24. Baltic Seas
WWF Terrestrial Ecoregions	Sarmatic mixed forest

[Other biogeographic regionalisation scheme](#)

EEA, 2002. DMEER (Digital Map of European Ecological Regions): Sarmatic mixed forest.
EEA & ETC/BD. EU marine regions. Marine Baltic.

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

Hydrological services provided

The area is important for water purification.

Other ecosystem services provided

The site provides grazing for livestock and fishing for humans. The site is important because it supports a great deal of biodiversity.

Other reasons

The site contains several wetland habitats that are representative for the EU boreal region, (large shallow inlets and bays, boreal Baltic coastal meadows, wet meadows and deciduous swamp woods). Together the areas of brackish coastal grasslands are one of the largest on the Swedish mainland. There are also non-wetland habitats of importance, for example other kinds of grasslands, some of them wooded. The grasslands have an interesting and species rich flora and fauna. There are also some old-growth forests.

- Criterion 2 : Rare species and threatened ecological communities

- Criterion 3 : Biological diversity

Justification

The site supports a lot of representative or rare wetlands species in the EU boreal region. More than 230 bird species have been recorded in the area. It's an important staging site for birds during migration and a moulting site for ducks and geese.

The flora found in the site is rich and contains several species common for coastal areas in this part of Sweden.

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

- Criterion 5 : >20,000 waterbirds

Overall waterbird numbers

>30000

Start year

2015

Source of data:

Local ornithologists, Artportalen database.

- Criterion 6 : >1% waterbird population

- Criterion 7 : Significant and representative fish

Justification




The area is an important spawning and nursery site for Sander lucioperca and Esox lucius. These species are dependent on rich sub-aquatic vegetation and high densities of small fish and benthic species.

- Criterion 8 : Fish spawning grounds, etc.

Justification

Important spawning ground, nursery and feeding area and classified as nationally important for commercial fishing for Clupea harengus, Stizostedion lucioperca, Esox lucius, Salmo trutta. The western bay of the site is regarded as the most important places for leks for the zander Stizostedion lucioperca in the bay Bräviken.




















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










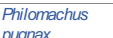











Scientific name	Common name	Criterion 2	Criterion 3	Criterion 4	IUCN Red List	CITES Appendix I	Other status	Justification
<i>Gentianella campestris campestris</i> 		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Swedish Red List 2015, (EN).	See textbox below the table and in section 3.1.
<i>Taraxacum egregium</i> 		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Swedish Red List 2015, (EN).	See textbox below the table and in section 3.1.
<i>Taraxacum maculigerum</i> 		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Swedish Red List 2015, (VU).	See textbox below the table and in section 3.1.

Criterion 2 and 3: For all species, their status in the Swedish Red List and general information for that classification as well as their distribution etc can be found at <http://artfakta.artdatabanken.se/>.

Observation of the species can be found in the Swedish database for observations <http://www.artportalen.se/>.

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 1)	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
Birds																		
CHORDATA/AVES	<i>Anas clypeata</i> 	Northern Shoveler	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>		Breeding site. See textbox below the table and in 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	Swedish Red List 2015, (VU).	Breeding site. See textbox below the table and in section 3.1.
CHORDATA/AVES	<i>Anas strepera</i> 	Gadwall	<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"/>					<input type="checkbox"/>	<input type="checkbox"/>		Breeding site. See textbox below the table and in section 3.1.
CHORDATA/AVES	<i>Anser anser</i> 	Greylag Goose	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6000	2011		LC 	<input type="checkbox"/>	<input type="checkbox"/>		Staging during migration. See textbox below the table and in section 3.1.
CHORDATA/AVES	<i>Anser erythropus</i> 	Lesser White-fronted Goose	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	54	2012	42	VU 	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Swedish Red List 2015, (CR).	Important staging site during migration. See textbox below the table and in section 3.1. Information for criterion 6 is also written in the textbox below the table.
CHORDATA/AVES	<i>Anser fabalis</i> 	Bean Goose	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5000	2015	11	LC 	<input type="checkbox"/>	<input type="checkbox"/>	Swedish Red List 2015, (NT).	Staging during migration. See textbox below the table and in section 3.1. Information for criterion 6 is also written in the textbox below the table.
CHORDATA/AVES	<i>Aythya ferina</i> 	Common Pochard	<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"/>	400	2015		LC 	<input type="checkbox"/>	<input type="checkbox"/>	Swedish Red List 2015, (VU).	Breeding site. See textbox below the table and in section 3.1.
CHORDATA/AVES	<i>Aythya fuligula</i> 	Tufted Duck	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5000	2015		LC 	<input type="checkbox"/>	<input type="checkbox"/>		Important staging site during migration. See textbox below the table and in section 3.1.
CHORDATA/AVES	<i>Botaurus stellaris</i> 	Eurasian Bittern	<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). EC Birds Directive Annex I.	Breeding site. See textbox below the table and in section 3.1.
CHORDATA/AVES	<i>Branta leucopsis</i> 	Barnacle Goose	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5000	2005		LC 	<input type="checkbox"/>	<input type="checkbox"/>		Important staging site during migration. See textbox below the table and in section 3.1.
CHORDATA/AVES	<i>Circus aeruginosus</i> 	Western Marsh Harrier	<input type="checkbox"/>	<input 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"/>		See textbox below the table and in section 3.1.

Phylum	Scientific name	Common name	Species qualifies under criterion				Species contributes under criterion				Pop. Size	Period of pop. Est.	% occurrence 1)	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
CHORDATA/ AVES	 <i>Circus pygargus</i>	Montagu's Harrier	<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"/>	2	2015		LC 	<input type="checkbox"/>	<input type="checkbox"/>	Swedish Red List 2015, (EN).	Breeding site. See textbox below the table and in section 3.1.
CHORDATA/ AVES	 <i>Dendrocopos minor</i>	Lesser Spotted Woodpecker	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	Swedish Red List 2015, (NT).	Breeding site. See textbox below the table and in section 3.1.
CHORDATA/ AVES	 <i>Haliaeetus albicilla</i>	White-tailed Eagle	<input type="checkbox"/>	<input 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).	See textbox below the table and in section 3.1.
CHORDATA/ AVES	 <i>Mergellus albellus</i>	Smew	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1300	2008	3	LC 	<input type="checkbox"/>	<input type="checkbox"/>		Important staging site during migration. According to WI the North-west & Central Europe (win) population is 40 000 individuals. See textbox below the table and in section 3.1.
CHORDATA/ AVES	 <i>Panurus biarmicus</i>	Bearded Reedling	<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).	Breeding site. See textbox below the table and in section 3.1.
CHORDATA/ AVES	 <i>Philomachus pugnax</i>	Ruff	<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, (VJ). EC Birds Directive Annex I.	Breeding site. See textbox below the table and in section 3.1.
CHORDATA/ AVES	 <i>Porzana porzana</i>	Spotted Crake	<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, (VJ).	Breeding site. See textbox below the table and in section 3.1.
Fish, Mollusc and Crustacea																		
CHORDATA/ ACTINOPTERYGII	 <i>Esox lucius</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>		See textbox below the table and in section 3.1.
CHORDATA/ ACTINOPTERYGII	 <i>Lota lota</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Swedish Red List 2015, (NT).	See textbox below the table and in section 3.1.
CHORDATA/ ACTINOPTERYGII	 <i>Salmo trutta</i>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>		See textbox below the table and in section 3.1.
CHORDATA/ ACTINOPTERYGII	 <i>Sander lucioperca</i>	Zander	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>		Good places for leks at the site. See textbox below the table and in section 3.1.

1) Percentage of the total biogeographic population at the site

Criterion 2, 3, 4, 6 and 8: For all species, their status in the Swedish Red List and general information for that classification as well as their distribution etc can be found at <http://artfakta.artdatabanken.se/>. Observation of the species can be found in the Swedish database for observations <http://www.artportalen.se/>.

Anser erythropus, criterion 6. The used population for the estimation is the "Fennoscandia/Eastern Mediterranean" 60-80 + 50-70 for the Swedish part of that population (that Wetlands International excludes from their accounting). Altogether approximately 130 individuals in total.

Anser fabalis, criterion 6. The used population for the estimation is the "fabalis, North-east Europe/North-west Europe" 40 000-45 000 individuals.

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
6410. Molinia meadows on peaty or clayed-silt-laden soils	<input checked="" type="checkbox"/>	Molinia meadows of plain to montane levels, on more or less wet nutrient poor soils (nitrogen, phosphorus). They stem from extensive management, sometimes with a mowing late in the year.	A threatened habitat listed in the EEC habitat directive (annex 1). The habitat had an unfavourable status in the Swedish part of the EU boreal region in 2013.
1630. Boreal Baltic coastal meadows	<input checked="" type="checkbox"/>	Coastal meadows, mostly with low growing plants, in the geolittoral zone, sometimes interspersed with salt patches, low salinity (brackish water). Tide hardly exists; air pressure influence water levels to some extent. Mowing and grazing is important.	A threatened habitat listed in the EEC habitat directive (annex 1). The habitat had an unfavourable status in the Swedish part of the EU boreal region in 2013.

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

4.1 - Ecological character

The two bays are shallow, each with a handful of islands. Fluctuations in water level follow variations in the Baltic Sea. The bedrock is gneiss with smaller patches of granite. Beneath the large seashore meadows on the western shore of the site, there is muddy clay. In the southern end of the western bay, glacial deposits dominate. The cape between the two bays is rockier, with moraine between the rocky outcrops.

The site contains one of the largest seashore meadow areas on the Baltic Sea coast at the Swedish mainland. The site is an important site for staging birds during migration.

The old decaying oaks on drier ground in the north-western part of the site are highly valued, being attractive to many rare or nationally red-listed insect species.

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	3500	Representative
B: Marine subtidal aquatic beds (Underwater vegetation)		0		Representative
D: Rocky marine shores		0		Representative
E: Sand, shingle or pebble shores		0		Representative
H: Intertidal marshes		2	200	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 > Flowing water >> M: Permanent rivers/ streams/ creeks		4		Representative
Fresh water > Marshes on inorganic soils >> Xf: Freshwater, tree-dominated wetlands		0		Representative

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
4: Seasonally flooded agricultural land		3	100	Representative

Other non-wetland habitat

Other non-wetland habitats within the site	Area (ha) if known
Taiga	31
Open natural grassland	25

4.3 - Biological components

4.3.1 - Plant species

<no data available>

4.3.2 - Animal species

Other noteworthy animal species

Phylum	Scientific name	Common name	Pop. size	Period of pop. est.	%occurrence	Position in range /endemism/other
CHORDATA/AVES	<i>Motacilla flava</i>	Western Yellow Wagtail				
ARTHROPODA/INSECTA	<i>Maculinea arion</i>					Swedish Red list 2015 (NT).

Invasive alien animal species

Phylum	Scientific name	Common name	Impacts	Changes at RIS update
ANNELIDA/POLYCHAETA	<i>Marenzelleria viridis</i>		Actually (minor impacts)	No change
CHORDATA/MAMMALIA	<i>Neovison vison</i>	American Mink	Actually (minor impacts)	No change

4.4 - Physical components

4.4.1 - Climate

Climatic region	Subregion
D: Moist Mid-Latitude climate with cold winters	Dfb: Humid continental (Humid with severe winter, 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 consists of two bays in the large bay Bråviken in the Baltic sea. At the site there are several small water courses that have their outlet in the bays. The ones large enough to have names are Vadsbäcken, Möbäcken, Källbäcken and Varaån.

4.4.3 - Soil

Mineral

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

Organic

(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

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
Marine water	<input type="checkbox"/>	No change

Water destination

Presence?	Changes at RIS update
Marine	No change

Stability of water regime

Presence?	Changes at RIS update
Water levels largely stable	No change

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

There are small fluctuations in the water levels depending on air pressure etc.

4.4.5 - Sediment regime

Sediment regime unknown

<no data available>

4.4.6 - Water pH

Circumneutral (pH: 5.5-7.4)

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

Alkaline (pH>7.4)

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

Unknown

4.4.7 - Water salinity

Fresh (<0.5 g/l)

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

Mxohaline (brackish)/Mxosaline (0.5-30 g/l)

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

Unknown

4.4.8 - Dissolved or suspended nutrients in water

Eutrophic

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

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 site itself: i) broadly similar ii) significantly different

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 north there is open water in the bay of Bråviken, further north there is an escarpment and land areas with large forests. To the south there are land areas with arable land, forests and farms. Not far away to the west is the city of Norrköping.

4.5 - Ecosystem services

4.5.1 - Ecosystem services/benefits

Provisioning Services

Ecosystem service	Examples	Importance/Extent/Significance
Food for humans	Sustenance for humans (e.g., fish, molluscs, grains)	Medium
Wetland non-food products	Timber	Low
Wetland non-food products	Livestock fodder	Medium

Cultural Services

Ecosystem service	Examples	Importance/Extent/Significance
Recreation and tourism	Recreational hunting and fishing	Medium
Recreation and tourism	Picnics, outings, touring	Medium
Recreation and tourism	Nature observation and nature-based tourism	High
Spiritual and inspirational	Cultural heritage (historical and archaeological)	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
Nutrient cycling	Storage, recycling, processing and acquisition of nutrients	High
Pollination	Support for pollinators	Medium

Other ecosystem service(s) not included above:

There are a few ancient monuments within the site. Forestry exists to some extent in the north-eastern part of Svensksundsviken nature reserve.

Within the site: 10000

Outside the site: 10000

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

Public ownership

Category	Within the Ramsar Site	In the surrounding area
Local authority, municipality, (sub)district, etc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
National/Federal government	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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"/>

Provide further information on the land tenure / ownership regime (optional):

Some of the areas within the nature reserve Svensksundsviken are owned by the state. The nature reserve Djurön is owned by the city Norrköping. The rest of the Ramsar site, which is the dominating part are owned by private persons.

5.1.2 - Management authority

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

Responsible office for the whole Ramsar site is the County Administrative Board of Östergötland. Djurön nature reserve. Responsible office is the city of Norrköping.

The areas of the Ramsar site that is not included in the nature reserves are managed by private owners.

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

Naturvårdsdirektören i Östergötland/Director of Nature conservation.

Postal address:

The County Administrative Board of Östergötland, 58186 Linköping.

E-mail address:

natur.ostergotland@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
Commercial and industrial areas	Low impact	Medium impact	<input type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change

Water regulation

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Drainage	Low impact	Medium impact	<input checked="" type="checkbox"/>	No change	<input type="checkbox"/>	No change
Canalisation and river regulation	Medium impact	Medium impact	<input checked="" type="checkbox"/>	No change	<input type="checkbox"/>	No change

Transportation and service corridors

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Shipping lanes	Low impact	High impact	<input type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change

Biological resource use

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Fishing and harvesting aquatic resources	Medium impact	Medium impact	<input checked="" type="checkbox"/>	No change	<input type="checkbox"/>	No change

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	Low impact	Medium impact	<input checked="" type="checkbox"/>	No change	<input type="checkbox"/>	No change

Natural system modifications

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Dams and water management/use	Low impact	Medium impact	<input type="checkbox"/>	No change	<input checked="" 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	Low impact	High impact	<input checked="" type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change

Pollution

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Industrial and military effluents			<input type="checkbox"/>		<input checked="" type="checkbox"/>	
Agricultural and forestry effluents	High impact	High impact	<input type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change

Climate change and severe weather

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Temperature extremes	Low impact	Medium impact	<input checked="" type="checkbox"/>	No change	<input type="checkbox"/>	No change

Please describe any other threats (optional):

Ceased management by grazing cattle can be a problem in the future. The species rich meadows are mostly dependent on grazing to remain high values of both flora and fauna.

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	Djurön SAC	http://skyddadnatur.naturvardsverket.se/	partly
EU Natura 2000	Skenäs SAC & SPA	http://skyddadnatur.naturvardsverket.se/	partly
EU Natura 2000	Svensksundsviken SAC & SPA	http://skyddadnatur.naturvardsverket.se/	partly

National legal designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
Nature reserve (1)	Svensksundsviken	https://www.lansstyrelsen.se/ostergotland/besok-och-upptack/naturreservat/Svensksundsviken-naturreservat.html	partly
Nature reserve (2)	Djurön	http://www.norrkoping.se/kultur-och-fritid/friluftsomraden/naturreservat/djurons-naturreservat.html	partly

Non-statutory designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
Important Bird Area	Bay of Svensksundsviken	http://datazone.birdlife.org/site/factsheet/bay-of-svensksund-iba-sweden	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

Habitat

Measures	Status
Hydrology management/restoration	Proposed
Catchment management initiatives/controls	Partially implemented
Habitat manipulation/enhancement	Implemented

Human Activities

Measures	Status
Regulation/management of recreational activities	Implemented
Communication, education, and participation and awareness activities	Implemented
Research	Implemented
Livestock management/exclusion (excluding fisheries)	Implemented

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? Yes, there is a plan

5.2.7 - Monitoring implemented or proposed

Monitoring	Status
Water quality	Implemented
Birds	Implemented

6 - Additional material

6.1 - Additional reports and documents

6.1.1 - Bibliographical references

- Borgström, B., Fredriksson, R. & Tyrberg, T. 1980. Svensksundsvikens fågelfauna. Länsstyrelsen i Östergötlands län (in Swedish).
- Fredriksson, R. & Vuorinen, J. 1981. Bråvikens stränder och vassar – häckfågelinventering. Vingspegeln 1: 127-135 (in Swedish).
- Karlström, U. & Svedlinh, C. 1991. Dykänder och vegetation i Svensksundsviken 1991. Macoma Miljö- och Naturkonsult, Norrköping, 8p. (in Swedish).
- Länsstyrelsen i Östergötlands län. 1977. Studie av Bråviken och kusten söder om Nyköping. Technical report. 215 p. (in Swedish). ISBN 91-7488-0000-4
- Molin, M. 1997. Häckfågelinventering av 27 strandängar i Östergötlands län 1996. Vingspegeln 16: 20-35 (in Swedish).
- Molin, M. 1998. Inventering av häckande fåglar på strandängarna vid Svensksundsviken 1998. Vingspegeln 17: 103-116 (in Swedish).
- Tyler, G. 1960. Måsar, ändrar och vadare som häckfåglar i Bråviken 1960. Fauna och Flora 55: 219-228 (in Swedish).
- Tyler, G. 1969. Studies in the ecology of Baltic sea-shore meadows II. Flora and vegetation. Opera botanica. No. 25, Lund.
- VIAK AB. 1980. Bottenfaunaundersökning i Svensksundsviken 1978. Technical report in Swedish.
- VIAK AB. 1980. Vattenvegetationen i Svensksundsviken, kartering från IR-färgflygbilder. Technical report (in Swedish).

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

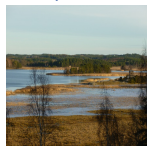
<no file available>

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:



View over the bay of Svensksundsviken to the east. (*Veronica Axelsson, 02-12-2013*)



The waterfront in Svensksundsviken. (*Veronica Axelsson, 02-12-2013*)

6.1.4 - Designation letter and related data

Designation letter

<1 file(s) uploaded>

Date of Designation