

Ramsar Information Sheet

Published on 27 March 2017 Update version, previously published on : 1 January 2002

SwedenMörrumsån-Pukavik



Designation date
Site number
1123
Coordinates
56°09'13"N 14°43'28"E
Area
2 557,00 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 consists of the lower half of the river Mörrumsån (some 30 km in length) and the shore surrounding the bay at the river mouth. Fifteen red-listed species of fungi have been found, and the endemic Hygroaster lacteus is present on small islands in the river. It is one of the foremost areas in Sweden for populations of some fish species. Sport and commercial fishing, chiefly for salmon Salmo salar and brown trout Salmo trutta, but also for eel Anguilla anguilla, are of great importance. The site contains areas of high national interest for nature conservation, cultural heritage and geology.

2 - Data & location

2.1 - Formal data

2.1.	1 -	Name	and	address	of the	compile	er of	this	RIS
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Compi	

Name	Åke Widgren, Helene Pettersson, (NFP Jenny Lonnstad)
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Postal address	(AA registrator@naturvardsverket.se) (AA Phone +46 10 698 10 00) (AA Fax +46 10 698 16 00)
E-mail	blekinge@lansstyrelsen.se
Phone	+46 10 22 40 000
Fax	+46 10 22 40 223

2.1.2 -	Period of	collection of	data ar	nd information	used to com	pile the	RIS
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From year 2012

To year 2015

2.1.3 - Name of the Ramsar Site

Official name (in English, French or Spanish)	Mörrumsån-Pukavik					
Spanish)						
Unofficial name (optional)	Mörrumsån-Pukavik (river and bay)					

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 No No O
^(Update) The boundary has been delineated more accurately ✓
(Update) The boundary has been extended □
(Update) The boundary has been restricted
(Update) B. Changes to Site area the area has decreased
(Update) The Site area has been calculated more accurately ✓
^(Update) The Site has been delineated more accurately ✓
(Update) The Site area has increased because of a boundary extension
(Update) The Site area has decreased because of a boundary restriction

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?
(Update) Are the changes Positive ● Negative O Positive & Negative O
(Update) No information available ✓
(Update) Changes resulting from causes operating within the existing boundaries?
(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)?
(Ubdate) Places describe any changes to the ecological character of the Pameer Site, including in the application of the Criteria, since the projects PIS for the site

The border of the site has been more accurately drawn. Some arable land, forest, built-up areas that aren't wetlands have been excluded. A few small wetlands that aren't part of the river system and don't qualify for international importance has also been excluded. The site now includes all part of the river and the small bays that were supposed to be part of the site when the site was designated of which some were excluded due to incorrect digitalisation in the RIS-map from 2006.

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

2.2 - Site location

2.2.1 - Defining the Site boundaries

b) Digital map/image

<1 file(s) uploaded>

Former maps 0

Boundaries description

The marine part of the site follows the shoreline or where the water is about 6 meters deep. The rest of the site follows the riverside including a buffer zone of land, or more land area where there are nature reserve along the river.

2.2.2 - General location

- a) In which large administrative region does the site lie? County of Blekinge
 - b) What is the nearest town or population centre? The site is situated about 15 km west of Karlshamn and 30 km east of Sölvesborg.

2.2.3 - For wetlands on national boundaries only

- a) Does the wetland extend onto the territory of one or more other countries?
- b) Is the site adjacent to another designated Ramsar Site on the territory of another Contracting Party?

2.2.4 - Area of the Site

Official area, in hectares (ha): 2557

Area, in hectares (ha) as calculated from

GIS boundaries 2559.1

2.2.5 - Biogeography

Biogeographic regions

siogeographic regions							
Regionalisation scheme(s)	Biogeographic region						
Udvardy's Biogeographical Provinces	11 = Middle European Forest						
Marine Ecoregions of the World (MEOW)	Baltic seas						
Freshwater Ecoregions of the World (FEOW)	Ecoregion 406 - Northern Baltic drainages						
EU biogeographic regionalization	Continental region, Boreal region						

Other biogeographic regionalisation scheme

Nordiska ministerrådet, 1977. Naturgeografisk regionindelning av Norden. NU B 1977:34 NMR 29a, "9 Blekinges sprickdalsterräng och ekskogsområde" and "12a Sydöstra Smålands skog- och sjörika slättområden".

DMEER 2002 (EEA) Digital Map of European Ecological Regions: mostly "Sarmatic mixed forest" and in the most western part of the site "Baltic mixed forest".

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 site is important for sediment and nutrient retention and export. The site is also important for water purification and maintenance of water quality.

Other ecosystem services provided

There is excellent fishing at the site.

Other reasons

A representative example of a natural wetland type (permanent river and connecting shallow marine waters) in the EU Continental region (partly in EU Boreal region).

- ☑ Criterion 2 : Rare species and threatened ecological communities
- ☑ Criterion 3 : Biological diversity

The site supports particular elements of biological diversity that are characteristic of the EU Continental region. The river has a unique diversity of species and contains a large number of taxa, among them several red-listed species. The bay harbours an interesting marine bird fauna. The site has the most important population of Salmo salar in the southern part of the Baltic sea. The benthic fauna in Mörrumsån is extremely rich in species. More than 180 taxa have been found in the river, some of them nationally redlisted. The fungi flora close to the river is unique, including one species only found at the site. In the nature reserve Käringahejan as many as 15 red-listed species have been found.

- ☑ Criterion 4 : Support during critical life cycle stage or in adverse conditions
- ☑ Criterion 7 : Significant and representative fish

The site has a great fish diversity, some species nationally redlisted like Vimba vimba. Supports a significant proportion of several fish species including Salmo salar, Salmo trutta that are representative of Justification wetland benefits. Apart from the Emån river (also a Ramsar site), there is no other place in Sweden where the populations of the two salmonid species salmon Salmo salar and brown trout Salmo trutta are found in greater numbers.

☑ Criterion 8 : Fish spawning grounds, etc.

Justification

The site is of international importance as spawning and recruitment area for fish, primarily salmon and brown trout.

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
Baldellia repens		2				Swedish Red List 2015 (EN).	The species has a significant population in the lower part of the river. See textbox below.	
Dichelyma capillaceum			2				Swedish Red List 2015 (NT).	Occurs along the shores to the river. See textbox below.
Limosella aquatica			2		LC •#		Swedish Red List 2015 (NT).	Occurs along the river. See textbox below.

Criterion 2 and 3: For all species, their status in the Swedish Red List and general information for that classification, 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/.

Hygroaster lacteus has been found on small islands in the river. This species is not known from any other site in the world, /Swedish Red List 2015 (NE). Criteria 2 och 3 are applicable.

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	% occurrence 1)	IUCN Red List	CITES Appendix I	CMS Appendix I	Cother Status	Justification
Birds											
CHORDATA/ AVES	Alcedo atthis	Common Kingfisher					LC •#			Swedish Red List 2015 (VU). EC Birds Directive Annex I.	Good breeding and foraging habitats results in regular breeding. See textbox below.
CHORDATA/ AVES	Hydroprogne caspia	Caspian Tern		2 000			LC Star			EC Birds Directive Annex I.	Good breeding and foraging habitats results in regular breeding. See textbox below.
CHORDATA/ AVES	Sternula albifrons	Little Tern	ZZ				LC Star			Swedish Red List 2015 (VU). EC Birds Directive Annex I.	Good breeding and foraging habitats results in regular breeding. See textbox below.
CHORDATA/ AVES	Thalasseus sandvicensis	Sandwich Tern	2 000				LC Star			Swedish Red List 2015 (VU).	See textbox below.
Fish, Mollusc a	and Crustacea										
CHORDATA/ ACTINOPTERYGII	Anguilla anguilla	Eel					CR			Swedish Red List 2015 (CR).	See textbox below.
MOLLUSCA/ BIVALVIA	Margaritifera margaritifera		2 000				EN ●#			Swedish Red List 2015 (EN).	See textbox below.
CHORDATA/ ACTINOPTERYGII	Salmo salar	Salmon								EC Habitats Directive Annex II.	See textbox below and info under 3.1
CHORDATA/ ACTINOPTERYGII		Brown trout					LC ©				The most important population in the south part of the Baltic sea. Ref: Fiskeriverket 2001. See textbox below and info under 3.1
MOLLUSCA/ BIVALVIA	Unio crassus	Thick Shelled River Mussel		2 000			EN			Swedish Red List 2015 (EN).	See textbox below.
CHORDATA/ ACTINOPTERYGII	Vimba vimba	Zarte					LC Sisser			Swedish Red List 2015 (NT).	See textbox below and info under 3.1
Others											
CHORDATA/ MAMMALIA	Lutra lutra	European Otter		2 000			NT Sign	V		Swedish Red List 2015 (NT). EC Habitats Directive Annex II.	See textbox below.

¹⁾ Percentage of the total biogeographic population at the site

Criterion 2: 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.

Criteria 2, 3, 7 and 8: Observation of the species can be found in the Swedish database for observations http://www.artportalen.se/. Data about bivalvia: http://www.musselportalen.se

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

RIS for Site no. 1123, Mörrumsån-Pukavik, Sweden

Name of ecological community	Community qualifies under Criterion 2?	Description	Justification
Fennoscandian natural rivers	2	Near-natural river systems or parts of such systems containing nutrient-poor water. The water level shows great amplitude. The water-dynamics can vary and contain waterfalls, rapid streams, calm water, and small lakes adjacent to the river.	According to the article 13-report in 2013, this habitat has an unfavourable conservation status for the Swedish parts of all the EU-biogeographical regions existing in Sweden.
Large shallow inlets an bays	Ø	Large indentations of the coast where, in contrast to estuaries, the influence of freshwater is generally limited. These areas are generally sheltered from wave action and contain a great diversity of habitats with a variety of benthic communites.	According to the article 13-report in 2013, this habitat has an unfavourable conservation status for the Swedish parts of all the EU-biogeographical regions existing in Sweden.

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

4.1 - Ecological character

The site consists of the river Mörrumsån and the bay Pukavik in the Baltic Sea where the river has its outlet. The river has a unique diversity of species and contains a large number of taxa, for example is the benthic fauna extremely rich in species. Along the river there are both grazed pastures and wetland meadows. Pastures are surrounded by beautiful stands of broad-leaved trees, and on the banks the dominating tree vegetation consists of a mixed deciduous forest. Further up on the slopes, where the terrain is more plateau-like, conifers dominate. Further south along the river, there is a lot of agricultural land. The bay has brackish water. Along the coast line there are clusters of islands and islets. On the islands in the bay, the main vegetation is grazed grassland and bushlands with juniper Juniperus communis, but there are bare rocky islands as well. The coast along the bay contains oak Quercus robur forests, bushland, deciduous forests and rocky areas, forested with pine Pinus sylvatica. There are also a lot of meadows in the coastal zone. The bay harbours an interesting marine bird fauna. The site is important for Salmo salar and other fishes of interest for fishing. Measures have been done to increase the possibilities for species to migrate in the river and pass the dams built for hydro-electric power.

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

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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	990	Representative
B: Marine subtidal aquatic beds (Underwater vegetation)		0		Representative
D: Rocky marine shores		0		Representative
E: Sand, shingle or pebble shores		0		Representative
F: Estuarine waters		0		Representative
H: Intertidal marshes		4	5	Representative
J: Coastal brackish / saline lagoons		0		

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		2	144	Representative
Fresh water > Marshes on inorganic soils >> Tp: Permanent freshwater marshes/ pools		0		Representative
Fresh water > Marshes on peat soils >> U: Permanent Non- forested peatlands		3	30	Representative
Fresh water > Marshes on inorganic soils >> W: Shrub- dominated wetlands		0		
Fresh water > Marshes on inorganic soils >> Xf: Freshwater, tree-dominated wetlands		0		Representative

Other non-wetland habitat

Other non-wetland habitats within the site	Area (ha) if known
broad-leaved decideuous forests	36

4.3 - Biological components

4.3.1 - Plant species

Scientific name	Common name	Position in range / endemism / other	
Osmunda regalis	royal fern	very common along the river	

Invasive alien plant species

Scientific name	Common name	Impacts	Changes at RIS update
Nymphoides peltata		Potentially	No change

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	Actitis hypoleucos	Common Sandpiper				

4.4 - Physical components

4.4.1 - Climate

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

	warm summer)		
Unknown			
40.0			
.4.2 - Geomorphic set	ting		
a) Minimum elevation ab	bove sea level (in metres)		
a) Maximum elevation ab	bove sea level (in metres)		
	En	tire river basin	
	Upper par	t of river basin \square	
	Middle par	t of river basin 🗹	
	Lower par	t of river basin 🗹	
	More than o	one river basin \square	
	No	t in river basin 🗆	
		Coastal 🗹	
Please name the river basir	n 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.
	s the river Mörrumsån. Its		<u> </u>
.4.3 - Soil			
		Mineral 🗹	
	(Update) Changes	at RIS update No change ©	Increase O Decrease O Unknown O
		ole information	
Are soil types subject to	change as a result of changin		
.4.4 - Water regime			
Presence?	Changes at RIS update		
Usually permanent water present			
Usually seasonal, ephemeral or intermittent water present			
ourse of uniter that maintain	an abarastar of the aite		
ource of water that maintain Presence?	Predominant water source	Changes at RIS update	
Water inputs from surface water		No change	
Marine water		No change	
		-	
later destination Presence?	Changes at RIS update		
To downstream catchment	No change		
Marine	No change		
tability of water regime			
Presence?	Changes at RIS update		
Water levels fluctuating (including tidal)	No change		
Please add any comments	on the water regime and its de	eterminants (if relevant). Use	his box to explain sites with complex hydrology.
			ners upstream the site. These dams affect the water regime.
	· 		
.4.5 - Sediment regim	ie		
Sediment regime is highly	y variable, either seasonally or	inter-annually 🗹	
	(Update) Ob		0.00

Please provide further information on sediment (optional):

Highly variable and seasonally, but most of the sediment transportation occurs through the site.

Sediment regime unknown \square

4.4.6 - Water pH

Circumneutral (pH: 5.5-7.4)

(Update) Changes at RIS update No change

● Increase

O Decrease

O Unknown

O

Unknown

4.4.7 - Water salinity

Fresh (<0.5 g/l) 🗹

 $^{ ext{(Update)}}$ Changes at RIS update No change oldot Increase oldot Decrease oldot Unknown oldot

Mixohaline (brackish)/Mixosaline (0.5-30 g/l) ☑

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

Euhaline/Eusaline (30-40 g/l)

(Update) Changes at RIS update No change

● Increase

O Decrease

O Unknown

O

Unknown

4.4.8 - Dissolved or suspended nutrients in water

Mesotrophic 🗹

(Update) Changes at RIS update No change

● Increase

O Decrease

O Unknown

O

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 O ii) significantly different O site itself:

Surrounding area has greater urbanisation or development $\ensuremath{\checkmark}$

Surrounding area has higher human population density $\overline{\mathbb{Z}}$

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:

The site consists of the river and the large bay of the Baltic sea. The surroundings mostly consist of more arable land, built-up areas, conifer forests and areas with deeper water in the Baltic.

4.5 - Ecosystem services

4.5.1 - Ecosystem services/benefits

Provisioning Services

i Townstorming Oct wood		
Ecosystem service	Examples	Importance/Extent/Significance
Food for humans	Sustenance for humans (e.g., fish, molluscs, grains)	Medium

Regulating Services

Ecosystem service	Examples	Importance/Extent/Significance
Erosion protection	Soil, sediment and nutrient retention	Low
Pollution control and detoxification	Water purification/waste treatment or dilution	Medium

Cultural Services

Cultural Services				
	Ecosystem service	Examples	Importance/Extent/Significance	
	Recreation and tourism	Recreational hunting and fishing	High	
	Spiritual and inspirational	Inspiration	High	

Supporting Services

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

Within the site:	10000
utside the site:	250000

Have studies or assessments been made of the economic valuation of ecosystem services provided by this Ramsar Site?

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 $\hfill\Box$ civilizations that have influenced the ecological character of the wetland
iii) the ecological character of the wetland depends on its interaction $\hfill\Box$ 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

ı ub	lic owners	u III

Category	Within the Ramsar Site	In the surrounding area
Local authority, municipality, (sub)district, etc.	V	
National/Federal government	/	

Private ownership

T Triato ownoronip		
Category	Within the Ramsar Site	In the surrounding area
Commercial (company)	 ✓	
Other types of private/individual owner(s)	2	/

5.1.2 - Management authority

Please list the local office / offices of any	Länsstyrelsen i Blekinge län
agency or organization responsible for	
managing the site:	
Provide the name and title of the person or	Naturvårdsdirektören/Avdelningschefen (Head of Department)
people with responsibility for the wetland:	, , , , , , , , , , , , , , , , , , ,
Postal address:	S-371 86 Karlskrona, Sweden
E-mail address:	blekinge@lansstyrelsen.se

5.2 - Ecological character threats and responses (Management)

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

Agriculture and aquaculture

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes	
Annual and perennial non-timber crops	Low impact	Low impact		No change	✓	No change	
Energy production and mining							

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Renewable energy	High impact	Low impact	✓	No change		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	Low impact	Low impact	2	No change	2	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	Low impact	2	No change		No change

Natural system modifications

tatal of Jotom moundations								
Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes		
Dams and water management/use					/			

Invasive and other problematic species and genes

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	Medium impact	/	No change		No change		

Pollution

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Household sewage, urban waste water	Low impact	Low impact	2	No change	>	No change
Industrial and military effluents	Low impact	Low impact	2	No change	>	No change
Agricultural and forestry effluents	Low impact	Low impact		No change	>	No change

Please describe any other threats (optional):

Some of the existing hydroelectric power plants and dams have a negative impact on the ecological status, preventing fish from migrating. Water rights for some of them need to be reconsidered.

5.2.2 - Legal conservation status

Global legal designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
UNESCO Biosphere Reserve	Blekinge arkipelag	http://www.blekingearkipelag.se/	partly

Regional (international) legal designations

Regional (international) regal designations				
Designation type	Name of area	Online information url	Overlap with Ramsar Site	
	7 Natura sites, described			
EU Natura 2000	under national legislation			
	until the database accepts		partly	
	more than one Natura site			
	here.			

National legal designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
Bird Sanctuaries	Atogether 9 bird	http:/skyddadnatur.naturvardsver ket.se/	partly
Natura 2000 SCI (1)	sanctuaries in the Bay SE0410054 Åmma	http://www.lansstyrelsen.se/blek inge/SiteCollectionDocuments/sv/ djur- och-natur/skyddad-natur/nat ura2000/BPÅmma050909.pdf	partly
Natura 2000 SCI (2)	SE0410066 Spraglehall	http://www.lansstyrelsen.se/blek inge/SiteCollectionDocuments/sv/ djur- och-natur/skyddad-natur/nat ura2000/BPSpraglehall050909.pdf	partly
Natura 2000 SCI (3)	SE0410068 Pukaviksbukten	http://www.lansstyrelsen.se/blek inge/SiteCollectionDocuments/sv/ djur- och-natur/skyddad-natur/nat ura2000/BPPukaviksbukten050909.p df	partly
Natura 2000 SCI (4)	SE0410075 Käringahejan	http://www.lansstyrelsen.se/blek inge/SiteCollectionDocuments/sv/djur- och-natur/skyddad-natur/nat ura2000/BPKäringahejan050909.pd f	partly
Natura 2000 SCI (5)	SE0410128 Mörrumsån	http://www.lansstyrelsen.se/blek inge/SiteCollectionDocuments/sv/ djur- och-natur/skyddad-natur/nat ura2000/BP/Vörrumsån050909.pdf	partly
Natura 2000 SCI (6)	SE0410164 Hämäs	http://www.lansstyrelsen.se/blek inge/SiteCollectionDocuments/sv/ djur- och-natur/skyddad-natur/nat ura2000/BPHärnäs050909.pdf	partly
Natura 2000 SCI (7)	SE0410233 Elleholm	http://www.lansstyrelsen.se/blek inge/SiteCollectionDocuments/sv/ djur- och-natur/skyddad-natur/nat ura2000/BPElleholm2006.pdf	partly
Nature Reserve (1)	Käringahejan	http://www.lansstyrelsen.se/blek inge/Sv/djur-och-natur/skyddad-n atur/naturreservat/karlshamn/kar ingahejan/Pages/index.aspx	partly
Nature Reserve (2)	Stilleryd	http://www.lansstyrelsen.se/blek inge/Sv/djur-och-natur/skyddad-n atur/naturreservat/karlshamn/sti lleryd/Pages/index.aspx	partly
Nature Reserve (3)	Spraglehall	http://www.lansstyrelsen.se/blek inge/Sv/djur-och-natur/skyddad-n atur/naturreservat/solvesborg/sp raglehall/Pages/index.aspx	partly
Nature Reserve (4)	Hönebygget	http://www.lansstyrelsen.se/blek inge/Sv/djur-och-natur/skyddad-n atur/naturreservat/karlshamn/Hon ebygget/Pages/default.aspx	partly
Nature Reserve (5)	Åmma	http://www.lansstyrelsen.se/blek inge/Sv/djur-och-natur/skyddad-n atur/naturreservat/olofstrom/amm a/Pages/index.aspx	partly
Nature Reserve (6)	Elleholm	http://www.lansstyrelsen.se/blek inge/Sv/djur-och-natur/skyddad-n atur/naturreservat/karlshamn/ell eholm/Pages/index.aspx	partly
Nature Reserve (7)	Mörrumsåns dalgång	http://www.lansstyrelsen.se/blek inge/Sv/djur-och-natur/skyddad-n atur/naturreservat/karlshamn/mor rumsans-dalgang/Pages/index.aspx	partly

Non-statutory designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
Important Bird Area	Blekinge archipelago	http://datazone.birdlife. org/site/factsheet/blekinge-archipelago- iba-sweden	partly

5.2.3 - IUCN protected areas categories (2008)

atureReserve 🗹	
or wilderness protection	lb Wilderness Area: protected area manage
or ecosystem nd recreation	II National Park: protected area manage
conservation tural features	Natural Monument: protected area managed of:
naged mainly 📝	Habitat/Species Management Area: protecte for conservation through m
ged mainly for 🕡 nd recreation	Protected Landscape/Seascape: protected a landscape/seascape cons
naged mainly —	Managed Resource Protected Area: protecte

for the sustainable use of natural ecosystems

5.2.4 - Key conservation measures

Legal protection

20gai protoctori			
Measures	Status		
Legal protection	Partially implemented		

Habitat

Tidolitat	
Measures	Status
Catchment management initiatives/controls	Implemented
Hydrology management/restoration	Proposed
Faunal corridors/passage	Partially implemented

Species

Measures	Status	
Threatened/rare species management programmes	Proposed	

Human Activities

Measures	Status	
Regulation/management of recreational activities	Partially implemented	
Research	Partially implemented	

Other

Most parts of River Mörrumsån and the bay Pukavik included in the Ramsar site have restrictions concerning fishing according to national fishery regulations.

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 O No

Yes O No

O

If the site is a formal transboundary site as indicated in section Data and location > Site location, are there shared management planning Yes O No

processes with another Contracting Party?

Please indicate if a Ramsar centre, other educational or visitor facility, or an educational or visitor programme is associated with the site:

There is an information centre for the salmon (and the river etc) close to the site. It's established and run by a forest company (that owns the fishing rights).

URL of site-related webpage (if relevant):

http://www.sveaskog.se/morrum/

5.2.6 - Planning for restoration

Is there a site-specific restoration plan? No, but a plan is being prepared

Further information

Actually there are no plans in preparation but there are intentions to make plans for a future restoration measures adjacent to the Ramsar site, with the purpose to improve the water quality in the bay Pukavik (the southern part of the Ramsar site). The County would like to restore the inner parts of the long and narrow bay Marsundet (between Elleholm and Stensnäs). Today that part is farmed, thanks to a dyke and draining measures. The County would also like to create a wetland where the channel from Vesan has in outlet in the Baltic sea (close to the village Norje).

5.2.7 - Monitoring implemented or proposed

Monitoring of salmon and trout populations in the river (Swedish Board of Fisheries).

Monitoring activity and pollution control in the bay Pukaviksbukten (The Coastal Management and Protection Association).

6 - Additional material

6.1 - Additional reports and documents

6.1.1 - Bibliographical references

Biosfärområde Blekinge Arkipelag. 2012. .

Fiskeriverket. 2001. Havsöringens ekologi.

Gärdenfors, U (ed.) 2015. Rödlistade arter i Sverige 2015 - The 2015 Red List of Swedish Species. ArtDatabanken, SLU, Uppsala.

Limnodata HB. 1986. Vad händer med laxens föda i Mörrumsån? - en undersökning av bottenfaunan i Mörrumsån – rapport, juni 1986.

Länsstyrelsen Blekinge Län & Karlshamns kommun. 1998. Mörrumsån – en hotad naturresurs.

Rappe, C. (ed). 1999. Baltic Salmon Rivers – Status in the late 1990's as reported by the countries in the Baltic region. The Swedish Environmental Protection Agency.

Sportfiskarna. 2011. Laxfisket i Bottenvikens älvars amt i Mörrumsån.

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

<1 file(s) uploaded>

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:



River Mörrumsån north of Mörrum. (Länsstyrelsen Blekinge, Lars-Göran Olsén, 04-10-2011)

6.1.4 - Designation letter and related data

Designation letter

<1 file(s) uploaded>

Date of Designation 2001-11-14