

# Ramsar Information Sheet

Published on 6 April 2017

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# **Sweden** Vasikkavuoma



Designation date 19 March 2013
Site number 2179
Coordinates 67°13'38"N 23°11'53"E
Area 200,00 ha

https://rsis.ramsar.org/ris/2179 Created by RSIS V.1.6 on - 2 February 2018

# 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

Vasikkavuoma is one of the largest and best preserved mowed mires in northern Europe. The stream, Vasikkajoki runs through the wetland and when it floods it provides the marshy meadows with nutrients. The site consists mostly of wetland habitat, transition mires and quaking bogs but also contains aapa mire and alkaline fens. The mire has been subjected to restorations through clearing and mowing. Today around 90 hectares is being harvested for hay making. The villages around Vasikkavuoma are mowing the grassland on the mire to get hay for reindeers and to keep a part of Sweden's cultural heritage alive. Most likely the mowing of Vasikkavuoma started around 1770. Between 1950 and 1980 no mowing took place. A small area of ten hectares was mowed to make fodder for reindeers. In 1996, 80 hectares of the mire belonging to Juhonpieti was restored and in 1998 further actions was taken to restore the site. There used to be approximately 200 hay barns on Vasikkavuoma of which around 80 hay barns are still present. At least 50 vascular plant species can be found on Vasikkavuoma. Chalkdwelling orchids as Early marsh orchid (Dactylorhiza incarnata) and Dactylorhiza. incarnata spp. cruenta indicates that the area contains calcareous bedrock. Vasikkavuoma is also a good staging and nesting site for many birds.

# 2 - Data & location

# 2.1 - Formal data

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

## Compiler 1

Compiler 2

Name	Emilia Vesterberg
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Fax	+46 10 698 16 00

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

From year 2013

To year 2015

# 2.1.3 - Name of the Ramsar Site

Official name (in English, French or Spanish)

Unofficial name (optional)

Vasikkavuoma (peatland)

## 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 O No 

(Update) B. Changes to Site area No change to area

# 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?

# 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 boundary is the same as for the Nature Reserve and the Natura 2000 site, SE0820400.

#### 2.2.2 - General location

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

b) What is the nearest town or population	Deiala
contro?	Pajala

# 2.2.3 - For wetlands on national boundaries only

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

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

## 2.2.4 - Area of the Site

Official area, in hectares (ha): 200

Area, in hectares (ha) as calculated from 199.1 GIS boundaries

# 2.2.5 - Biogeography

Biogeographic regions

Regionalisation scheme(s)	Biogeographic region
Udvardy's Biogeographical Provinces	Western Eurasian Taiga
Bailey's Ecoregions	130 Sub-arctic division
WWF Terrestrial Ecoregions	Scandinavian-Russian taiga
Other scheme (provide name below)	DMEER Scandinavian-Russian taiga
Freshwater Ecoregions of the World (FEOW)	Ecoregion 406 Northern Baltic drainages
EU biogeographic regionalization	Boreal

# Other biogeographic regionalisation scheme

EEA, 2002: Digital Map of European Ecological Regions (DMEER) - Scandinavian-Russian taiga

# 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

The open mires are flooded every year which enhance the productivity. Hydrological services provided

The hay making tradition in Vasikkavuoma produces large amounts of hay, mainly water horsetail and Other ecosystem services provided sedge, which is utilized as food for reindeers during winter time.

The wetland types present are Open mires (U), Permanent freshwater marshes and pools (Tp) and Permanent rivers and streams (M). The site contains representative examples of those natural wetland Other reasons types in the EU boreal region. Mowing takes place on a regular basis and the management methods are rare for areas like these. This vast mire, managed by mowing is close to unique in Europe. The wetland, having so large part mowed and lots of old hav barns has high value for cultural history.

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

The site supports important populations of plant and wetland bird species which are important for the Justification biological diversity in the northern part of the EU boreal region. The biodiversity includes for the region rare 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
Aneura pinguis			V					See textbox below the table and in section 3.1
Bistorta vivipara			<b></b>					See textbox below the table and in section 3.1
Calliergon giganteum			V					See textbox below the table and in section 3.1
Calliergon richardsonii			V					See textbox below the table and in section 3.1
Carex heleonastes		<b>2</b>	<b>2</b>				Swedish Red List 2015 (EN).	See textbox below the table and in section 3.1
Dactylorhiza incarnata			<b>~</b>				Protected species according to the (SFS 2007:845).	See textbox below the table and in section 3.1
Dactylorhiza incarnata cruenta			<b>2</b>				Protected species according to the (SFS 2007:845).	See textbox below the table and in section 3.1
Dactylorhiza lapponica			Ø		LC STRF		Protected species according to the (SFS 2007:845).	See textbox below the table and in section 3.1

Scientific name	Common name	Criterion 2	Criterion 3	Criterion 4	IUCN Red List	CITES Appendix I	Other status	Justification
Hamatocaulis vernicosus			<b></b>				Swedish Red List (NT). EC Habitats Directive Annex II.	See textbox below the table and in section 3.1
Paludella squarrosa			V					See textbox below the table and in section 3.1
Parnassia palustris			<b></b>		LC Sign			See textbox below the table and in section 3.1
Pedicularis palustris			<b></b>		LC			See textbox below the table and in section 3.1
Philonotis tomentella			<b></b>					See textbox below the table and in section 3.1
Rhizomnium pseudopunctatum			Ø					See textbox below the table and in section 3.1
Saxifraga hirculus			<b></b>		LC			See textbox below the table and in section 3.1
Scorpidium cossonii			<b></b>					See textbox below the table and in section 3.1
Scorpidium revolvens			<b></b>					See textbox below the table and in section 3.1
Sphagnum centrale			<b>2</b>					See textbox below the table and in section 3.1
Sphagnum compactum			<b>2</b>					See textbox below the table and in section 3.1
Sphagnum contortum			<b>2</b>					See textbox below the table and in section 3.1
Sphagnum fuscum			✓					See textbox below the table and in section 3.1
Sphagnum obtusum			<b>/</b>					See textbox below the table and in section 3.1
Sphagnum riparium			✓					See textbox below the table and in section 3.1
Sphagnum squarrosum			<b>2</b>					See textbox below the table and in section 3.1
Sphagnum subfulvum			<b></b>					See textbox below the table and in section 3.1
Sphagnum subsecundum			✓					See textbox below the table and in section 3.1
Sphagnum teres			✓					See textbox below the table and in section 3.1
Stellaria crassifolia			✓					See textbox below the table and in section 3.1
Trichophorum alpinum			Ø		LC			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 etc can be found at http://artfakta.artdatabanken.se/. Observations can be found in www.artportalen.se.

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

Phylum	Scientific name	Common name	Spec qualit und criter	fies er rion	contri un crite	cies ibutes der erion	Pop. Size	% occurrence 1)		CITES ppendix I	CMS Appendix I	Other Status	Justification
Birds													
CHORDATA / AVES	<b>4</b> 5.0	Northern Pintail	<b>Z</b>		<b>7</b> 0				LC			Swedish Red List 2015 (VU).	Foraging, staging. See textbox below the table and in section 3.1.
AVES	Anser fabalis	Bean Goose			<b>2</b> 0				LC © 53 © 1587			Swedish Red List 2015 (NT).	Foraging, staging. See textbox below the table and in section 3.1.
CHORDATA / AVES	Anthus pratensis	Meadow Pipit			<b>2</b> 🗆				NT Sign			Swedish Red List 2015 (NT).	Breeding. See textbox below the table and in section 3.1.
CHORDATA / AVES	Buteo lagopus	Roughleg; Rough- legged Buzzard; Rough-legged Hawk			<b>7</b> 🗆				LC ●辭			Swedish Red List 2015 (NT).	Foraging, staging. See textbox below the table and in section 3.1.
CHORDATA / AVES	lapponicus	Lapland Longspu	r 🗷 🗷 (		<b>2</b> 0				LC © 53 © 1587			Swedish Red List 2015 (VU).	Foraging, staging. See textbox below the table and in section 3.1.
AVES	Circus cyaneus	Northern Harrier			<b>2</b> 0				LC ©SP ©TSP			Swedish Red List 2015 (NT).	Breeding. See textbox below the table and in section 3.1.
CHORDATA / AVES	Emberiza rustica	Rustic Bunting	<b>Z</b>		<b>2</b> 0				VU © is © tsr			Swedish Red List 2015 (VU).	Breeding. See textbox below the table and in section 3.1.
CHORDATA / AVES	schoeniclus <u>—</u>	Reed Bunting; Common Reed Bunting; Common Reed-Bunting			<b>2</b> 0				LC Sign			Swedish Red List 2015 (VU).	Breeding. See textbox below the table and in section 3.1.
AVES	Numenius arquata	Eurasian Curlew			<b>2</b> 0				NT © iii © till			Swedish Red List 2015 (NT).	See textbox below the table and in section 3.1.
CHORDATA / AVES	Pernis apivorus	European Honey Buzzard			<b>2</b> 0				LC Sign			Swedish Red List 2015 (NT).	Foraging, staging. See textbox below the table and in section 3.1.
/ AVES	Philomachus pugnax	Ruff	77		<b>2</b> 0							Swedish Red List 2015 (VU).	Foraging, staging. See textbox below the table and in section 3.1.
AVES	Poecile cinctus	Siberian Tit	<b>Z</b>		<b>7</b> 0				LC © ST			Swedish Red List 2015 (VU).	Breeding. See textbox below the table and in section 3.1.
AVES	Regulus regulus	Goldcrest	77		<b>2</b> 0				LC © 53 © 158			Swedish Red List 2015 (VU).	Foraging, staging. See textbox below the table and in section 3.1.
CHORDATA / AVES	Saxicola rubetra	Whinchat			<b>2</b> 0				LC Sign			Swedish Red List 2015 (NT).	Breeding. See textbox below the table and in section 3.1.
Others													
CHORDATA / MAMMALIA	200 60	Elk			<b>7</b>				LC © ST © TSF				See textbox below the table and in section 3.1

<sup>1)</sup> Percentage of the total biogeographic population at the site

Criterion 2, 3 and 4: 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.

# 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
Fennoscandian mineral-rich springs and springfens (EU 7160)	<b>Ø</b>	Springs and springfens have a continuous flow of ground-water. The water is cold, of even temperature, and rich in oxygen and minerals, due to the rapid percolation. Springs may have a basin where the water wells up and an adjacent outflow.	Habitat in the EC Habitats Directive, Annex I. The habitat type has an unfavourable conservation status in the EU boreal region of Sweden (2013).
Aapa mires (EU 7310)		Mre complexes in the boreal zone characterised by minerotrophic fen vegetation in the central parts of the complexes. String fens and mixed mires are often parts of the mire complex	Habitat in the EC Habitats Directive, Annex I. The habitat type has an unfavourable conservation status in the EU boreal region of Sweden (2013).
Alkaline fens (EU 7230)	<b>2</b>	Wetlands mostly or largely occupied by peat- or tufa-producing small sedge and brown moss communities developed on soils permanently waterlogged, with a baserich, often calcareous water supply, with the water table close to the ground level.	Habitat in the EC Habitats Directive, Annex I. The habitat type has an unfavourable conservation status in the EU boreal region of Sweden (2013).

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

# 4.1 - Ecological character

Vasikkavuoma stretches along the stream Vasikkajoki which drains the mire north towards the river Torne. The brook is partly used in order to dam the upper mire and thus increase the output. Precipitation is low with an annual average rainfall of approximately 500 mm. The annual average temperature is -2 ° C and the vegetation period is 130 days. The bedrock in Vasikkavuoma mainly consists of greenstone, limestone and slate. The flora comprises several lime favoured species like orchids.

Vasikkavuoma has been mowed for over 200 years. The mowing stopped during the 1950s. Willow and brushwood started to grow and take over the earlier mowed mire, and hay barns and cabins used for the mowing management started to decay. The mowing continued in 1980 after willow and brushwood had been removed and many barns were restored. The restoration continued in 1998 and is more or less on-going. Today 72 barns are being used in the hay making process.

The annual mowing produces hay which is used as reindeer fodder. Some parts of the mire are mowed by hand and some with help from a machine constructed especially for the purpose of mowing in wet mires like Vasikkavuoma. The land adjacent to Vasikkajoki is wet and vegetation like Carex cordhorizza, Menyanthes trifoliata and Equisetum fluviatile dominates. Equisetum fluviatile is the most important one in the hay making process. Hay from horsetail was especially good for the cows and their milk but also for reindeers.

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

#### 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 >> Mt Permanent rivers/ streams/ creeks		0		Representative
Fresh water > Lakes and pools >> Tp: Permanent freshwater marshes/ pools		0	1	Representative
Fresh water > Marshes on peat soils >> U: Permanent Non- forested peatlands		1	130	Representative
Fresh water > Flowing water >> Y: Permanent Freshwater springs; oases		0		Representative

## Other non-wetland habitat

Other non-wetland habitats within the site	Area (ha) if known
Western taiga	4
Fennoscandian deciduous swamp woods	1
Unspecified forest	2

#### 4.3 - Biological components

#### 4.3.1 - Plant species

<no data available>

## 4.3.2 - Animal species

<no data available>

#### 4.4 - Physical components

#### 4.4.1 - Climate

Climatic region	Subregion
D: Moist Md-Latitude climate with cold winters	Dfc: Subarctic (Severe winter, no dry season, cool summer)

#### 4.4.2 - Geomorphic setting

a) Mnimum elevation ab	oove sea level (in metres)	157		
a) Maximum elevation ab	,			
a) naman olo lalon al	metres)	157		
		Entire r	iver basin 🗆	
		Upper part of r	iver basin 🗆	
		Middle part of r	iver basin 🗹	
		Lower part of r	iver basin 🗆	
		More than one r	iver basin 🗆	
		Not in r	iver basin 🗆	
			Coastal	
	thin middle pa	rts of Torne ri	ver basin. The rive	e the larger river basin. For a coastal/marine site, please name the sea or ocean.  Torne älv has its outlet in the Bothnian bay. Vasikkajoki which runs through
4.4.3 - Soil				
4.4.5 - 0011			Mineral ☑	
	(Upda	ite) Changes at E		D Increase ○ Decrease ○ Unknown ○
	(5)	Changes at R	Organic 🗹	Princrease O Decrease O Unknown O
	(Upda	ite) Changes at E	•	ncrease O Decrease O Unknown O
	(-1	No available in	_	of increase O Decrease O Officioni O
Are eail topes subject to	change on a requi			
Are soil types subject to condition	ons (e.g., increase	ed salinity or acid	ification)?	)
Please provide further inform	nation on the soil	(optional)		
The bedrock in the are	ea consists of	basic igneou	s rocks and the soi	types are peat and till.
4.4.4 - Water regime				
Water permanence				
Presence?	Changes at RI	S update		
Usually permanent water present				
0		-11-		
Source of water that maintain:  Presence?	Predominant wa		hanges at RIS update	
Water inputs from surface water			unknown	
Water inputs from			unknown	
groundwater  Water inputs from rainfall	<b>✓</b>		unknown	
Water destination  Presence?	Changes at RI	S update		
To downstream catchment	No chan			
Stability of water regime				
Presence?	Changes at RI	S update		
Water levels fluctuating (including tidal)	No chan	ge		
4.4.5 - Sediment regime	e			
		Sediment regime	unknown 📝	
		ediment regime	UINIOWII ES	
4.4.6 - Water pH				
			Unknown 🗹	
4.4.7 - Water salinity				
		Fresh	n (<0.5 g/l) ☑	
	(Upda	<sup>ite)</sup> Changes at F	IS update No change	ncrease O Decrease O Unknown O
			Unknown	

	and the second second		
4.4.8 - Dissolved	or suspended	nutrients in	water

Eutrophic 🗹

(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

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:

In the surroundings there are no mowed wetlands; instead there are other mires and also forests affected by forestry. The nearest village is Erkheikki and the small town community of Pajala situated 10 km east of Vasikkavuoma.

#### 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	Nature observation and nature-based tourism	High
Recreation and tourism	Picnics, outings, touring	High
Recreation and tourism	Recreational hunting and fishing	Medium
Spiritual and inspirational	Cultural heritage (historical and archaeological)	High
Scientific and educational	Important knowledge systems, importance for research (scientific reference area or site)	Medium

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	Medium

Outside the site: 100s

100s

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

#### Description if applicable

The open mires in Vasikkavuoma are flooded every year which enhances the productivity of the area. Mowing takes place on a yearly basis. The first to settle near Vasikkavuoma was a family from Finland in the 1600s and most likely the utilization of Vasikkavuoma for livestock winter fodder started as early as in the 1700s. Today Vasikkavuoma is the largest mire currently being mowed in the Nordic countries.

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

Description if applicable

MEJA is a local organisation which partly consists of the landowners in Vasikkavuoma. They are also responsible for the mowing of the site. They use a machine designed especially for the sole purpose of being able to mow in flooded mires. With the help of this machine the locals manage a large portion of the mire. In total approximately 200 hectares are mowed annually.

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

# 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)	✓	<b>✓</b>

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

The Ramsar site constitutes an area of national interest for nature and culture conservation.

#### 5.1.2 - Management authority

agency or organization responsible for	County Administration Board is responsible for the management. Private land owners get funding's from County Administration Board to finance the mowing of Vasikkavuoma.
managing the site:	
Provide the name and title of the person or people with responsibility for the wetland:	County Administration Board
Postal address:	Stationsgatan 5 971 86 Luleå
E-mail address:	norrbotten@lansstyrelsen.se

# 5.2 - Ecological character threats and responses (Management)

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

Water regulation

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Drainage					✓	

Energy production and mining

. 37	J					
Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Mining and quarrying	unknown impact	High impact	✓	No change	✓	No change

Biological resource use

biological resource use						
Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Logging and wood harvesting					<b>&gt;</b>	

# Please describe any other threats (optional):

Energy production and mining: There are at present (2017) nine granted exploration permits within a range of 40 km from the Ramsar site which all of them expires between 2017 and 2020. Of these nine there is one granted exploration permit for graphite which partly exceeds the Ramsar site in the southeast part of Vasikkavuoma. Approximately 1,4 hectares are directly affected by the exploration permit which expires in February 2018. There are at the moment three granted mining concessions in a range of 35 km from the site. The closest is approximately 15 km north of Vasikkavuoma. They expire in year 2033 and 2035.

# 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	See national legislation.		whole

# National legal designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
Natura 2000 SAC	Vasikkavuoma	http://www.lansstyrelsen.se/norr botten/SiteCollectionDocuments/S v/djur-och-natur/skyddad-natur/N aturreservat/Pajala/Beslut%20och %20BP/Vasikkavuoma_BP_2007.pdf	whole
Nature Reserve	Vasikkavuoma	http://www.lansstyrelsen.se/Norr botten/Sv/djur-och-natur/skyddad - natur/naturreservat/pajala/Page s/vasikkavuoma.aspx	whole
Site of national importance for cultural environement conservation	Juhonpieti-Erkheikki		whole
Site of national importance for nature conservation	Torneälven	http://nvpub.vic-metria.nu/handl ingar/rest/dokument/204197	partly

## 5.2.3 - IUCN protected areas categories (2008)

	la Strict Nature Reserve
¥	lb 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	Implemented

#### Habitat

Measures	Status
Habitat manipulation/enhancement	Implemented

#### Human Activities

Measures	Status
Communication, education, and participation and awareness activities	Implemented

#### Other

The key conservation effort which keeps the site in a viable condition is the mowing of the mire.

# 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 •

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 a parking, bird observation tower, footbridges, weather-boards, camp-fire sites, cabins and WC.

#### 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

<no data available>

# 6 - Additional material

# 6.1 - Additional reports and documents

#### 6.1.1 - Bibliographical references

VISS-database. http://www.viss.lansstyrelsen.se/

Gärdefors, U. (Remissversion) 2015. Rödlistade arter i Sverige 2015 - The 2015 Red List of Swedish Species. Artdatabanken, SLU, Uppsala.

#### 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

<no file available>

<no data available>

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

Please provide at least one photograph of the site:



One of many hay barns i Vasikkavuoma ( *County Administration Board of Norrbotten, 2008* )



Mneral-rich spring ( County Administration Board of Norrbotten, 2008 )



Footbridge over the wet mire ( County Administration Board of Norrbotten, 2008 )



Mowing machine ( County Administration Board of Norrbotten, 2008 )



Hay drying rack ( County Administration Board of Norrbotten, 2008 )



Hay barns, Vasikkavuoma ( County Administration Board of Norrbotten, 2008 )



Mowing of the mire ( County Administration Board of Norrbotten, 2008 )



Facilities in Vasikkavuoma ( County Administration Board of Norrbotten, 2008 )



Facilities in Vasikkavuoma ( County Administration Board of Norrbotten, 2008 )

# 6.1.4 - Designation letter and related data

Designation letter

<1 file(s) uploaded>

Date of Designation 2013-03-19