



# Ramsar Information Sheet

Update version, previously published on : 31 January 2013

## Sweden Blaikfjället



Designation date	19 March 2013
Site number	2167
Coordinates	64°38'33"N 16°02'04"E
Area	43 487,00 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

Blaikfjället is a vast sub-alpine high plateau east of the Fennoscandian mountain range. The site covers large aapa mires and primeval spruce forest at the plateau and in the upper parts of the slopes to the surrounding lowland. Unusually for Sweden the mires follow the local topography at the plateau, and even cover some higher parts there. The site is one of the largest unexploited mire complex areas in Scandinavia and is of significant importance for preserving intact biological diversity of north Scandinavian mire and taiga forest ecosystems, such as mire bird fauna, and fungi and insects depending on dead wood.

## 2 - Data & location

### 2.1 - Formal data

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

##### Compiler 1

Name	Henrik Sporrong
Institution/agency	Länsstyrelsen i Västerbottens län
Postal address	SE-901 86 Umeå, Sweden
E-mail	henrik.sporrong@lansstyrelsen.se
Phone	+46 10 225 40 00
Fax	+46 10 225 41 10

##### Compiler 2

Name	Jenny Lonnstad
Institution/agency	Swedish EPA (Naturvårdsverket)
Postal address	Naturvårdsverket, 106 48 Stockholm, Sweden
E-mail	jenny.lonnstad@naturvardsverket.se
Phone	+46 10 698 15 92
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)	Blaikfjället
Unofficial name (optional)	Blaikfjället (mountain)

#### 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 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 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 type="checkbox"/>
(Update) The Site area has decreased because of a boundary restriction	<input type="checkbox"/>

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

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

(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.

When the site was designated in 2013, the intention was to let the Ramsar sites have boundaries corresponding to the future (not in a near future) national park. Unfortunately an old GIS-file was used instead of the correct one. In 2015 there was a governmental decision to change the boundary for the Ramsar site according to the correct GIS-polygon. The difference is not visible on the map in A4-format. In general the changes have resulted in that more virgin nature has been included and areas excluded have a larger proportion of nature with human impact.

(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 southern parts the boundary corresponds with the boundaries of the nature reserve Blaikfjället. In the northern parts the Ramsar site corresponds with the boundaries of the wetland dominated (eastern) parts of the nature reserve Gitsfjället. Dry, mountainous (western) parts of Gitsfjället are excluded. In the future (not a near future) the boundary will be the same as for the planned Blaikfjället national park.

### 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
Udvardy's Biogeographical Provinces	The Palearctic Realm: 3 West Eurasian Taiga
Freshwater Ecoregions of the World (FEOW)	Ecoregion 406: Northern Baltic drainages
WWF Terrestrial Ecoregions	Scandinavian - Russian taiga
WWF Terrestrial Ecoregions	Scandinavian montane birch forest and grasslands
Bailey's Ecoregions	130 Subarctic Division
Bailey's Ecoregions	M240 Marine Regime mountains
EU biogeographic regionalization	Alpine

#### Other biogeographic regionalisation scheme

Nordiska ministerrådet, 1977. Naturgeografisk regionindelning av Norden. NU B 1977:34: NMR 33h, förfjällsregion med huvudsakligen nordligt boreal vegetation (Subalpine region with mainly boreal vegetation)

EEA, 2002. Digital Map of European Ecological Regions (DMEER): "Scandinavian - Russian taiga" and "Scandinavian montane birch forest and grasslands".



### 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 contributes to maintenance of water quality and also contributes to flood control to some extent.
--

Other ecosystem services provided 

The peatlands of the site store carbon.
---

Other reasons 

Blaikfjället is one of the largest areas with north Scandinavian pristine mire and boreal forest ecosystems, almost completely untouched by human exploitation. The peatlands (aapa mires) at the site are covering the undulation plateau, that is unusual in the Swedish part of the EU Boreal and Alpine region.
---

- Criterion 2 : Rare species and threatened ecological communities

- Criterion 3 : Biological diversity

Justification 

The site is of importance for maintaining the biological diversity of pristine mire and taiga ecosystems in the EU alpine and boreal regions. The site supports both representative and rare species. The birdlife is rich in species for mires and forests in the boreal region. Almost all northern boreal mire and forest bird species are present. The site is important as a moulting, roosting, staging and breeding site for wetland birds. The wet forests contain a diversity of fungi and lichens typical for pristine forests in the EU-boreal region.
---

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

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

Scientific name	Common name	Criterion 2	Criterion 3	Criterion 4	IUCN Red List	CITES Appendix I	Other status	Justification
<i>Bartsia alpina</i> 		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		See textbox below the table and in section 3.1.
<i>Calamagrostis chalybaea</i> 		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	LC 	<input type="checkbox"/>		See textbox below the table and in section 3.1.
<i>Carex bigelowii</i> 		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		See textbox below the table and in section 3.1.
<i>Corallorhiza trifida</i> 		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		See textbox below the table and in section 3.1.
<i>Haploporus odorus</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.
<i>Paludella squarrosa</i> 		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		See textbox below the table and in section 3.1.
<i>Pseudobryum cinctoides</i> 		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		See textbox below the table and in section 3.1.
<i>Ranunculus lapponicus</i> 		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	Swedish Red List 2015 (NT)	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](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 <sup>1)</sup>	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
<b>Birds</b>																		
CHORDATA / AVES	<i>Aegolius funereus</i> 	Boreal Owl	<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"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	EC Birds Directive Annex I.	See textbox below the table and in section 3.1.
CHORDATA / AVES	<i>Anas acuta</i> 	Northern Pintail	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Swedish Red List 2015 (VU).	Probably breeding. See textbox below the table and in section 3.1.
CHORDATA / AVES	<i>Anser fabalis</i> 	Bean Goose	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Swedish Red List 2015 (NT).	The site is important for nesting and moulting. See textbox below the table and in section 3.1.
CHORDATA / AVES	<i>Asio flammeus</i> 	Short-eared Owl	<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"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	EC Birds Directive Annex I.	See textbox below the table and in section 3.1.
CHORDATA / AVES	<i>Circus cyaneus</i> 	Northern Harrier	<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"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Swedish Red List 2015 (NT), EC Birds Directive Annex I.	See textbox below the table and in section 3.1.
CHORDATA / AVES	<i>Cygnus cygnus</i> 	Whooper Swan	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	EC Birds Directive Annex I.	Probably breeding. 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 <sup>1)</sup>	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
			2	4	6	9	3	5	7	8								
CHORDATA / AVES	<i>Dryocopus martius</i>	Black Woodpecker	<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.	Foraging, probably breeding. See textbox below the table and in section 3.1.
CHORDATA / AVES	<i>Falco columbarius</i>	Merlin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	EC Birds Directive Annex I.	See textbox below the table and in section 3.1.
CHORDATA / AVES	<i>Gavia stellata</i>	Red-throated Diver; Red-throated Loon	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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.	See textbox below the table and in section 3.1.
CHORDATA / AVES	<i>Glaucidium passerinum</i>	Eurasian Pygmy Owl	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	EC Birds Directive Annex I.	See textbox below the table and in section 3.1.
CHORDATA / AVES	<i>Grus grus</i>	Common Crane	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	EC Birds Directive Annex I.	Breeding. See textbox below the table and in section 3.1.
CHORDATA / AVES	<i>Phalaropus lobatus</i>	Red-necked Phalarope	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	EC Birds Directive Annex I.	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 (VU). EC Birds Directive Annex I.	Probably breeding. See textbox below the table and in section 3.1.
CHORDATA / AVES	<i>Picoides tridactylus</i>	Eurasian Three-toed Woodpecker; Three-toed Woodpecker	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	EC Birds Directive Annex I.	Foraging, probably breeding. See textbox below the table and in section 3.1.
CHORDATA / AVES	<i>Pluvialis apricaria</i>	European Golden Plover; European Golden-Plover	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	EC Birds Directive Annex I.	Probably breeding. See textbox below the table and in section 3.1.
CHORDATA / AVES	<i>Surnia ulula</i>	Northern Hawk Owl; Northern Hawk-Owl	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	EC Birds Directive Annex I.	Foraging, probably breeding. See textbox below the table and in section 3.1.
CHORDATA / AVES	<i>Tetrao urogallus</i>	Western Capercaillie	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	EC Birds Directive Annex I.	See textbox below the table and in section 3.1.
CHORDATA / AVES	<i>Tetrastes bonasia</i>	Hazel Grouse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	EC Birds Directive Annex I.	See textbox below the table and in section 3.1.
CHORDATA / AVES	<i>Tringa glareola</i>	Wood Sandpiper	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	EC Birds Directive Annex I.	Probably breeding. See textbox below the table and in section 3.1.
<b>Others</b>																		
CHORDATA / MAMMALIA	<i>Gulo gulo</i>	Wolverine	<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"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Swedish Red List 2015 (VU). EC Habitats Directive Annex II.	The species has been observed at the site. See textbox below the table and in section 3.1.
CHORDATA / MAMMALIA	<i>Lutra lutra</i>	European Otter	<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"/>				NT 	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Swedish Red List 2015 (NT). EC Habitats Directive Annex II.	See textbox below the table and in section 3.1.
CHORDATA / MAMMALIA	<i>Lynx lynx</i>	Eurasian Lynx	<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"/>				LC 	<input type="checkbox"/>	<input type="checkbox"/>	Swedish Red List 2015 (VU). EC Habitats Directive Annex II.	See textbox below the table and in section 3.1.

1) 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](http://www.artportalen.se)

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

Name of ecological community	Community qualifies under Criterion 2?	Description	Justification
3220. Alpine rivers and the herbaceous vegetation along their bank	<input type="checkbox"/>	Open assemblages of herbaceous or suffrutescent pioneering plants, rich in alpine species, colonising gravel beds of streams with an alpine, summer-high, flow regime, formed in northern boreal mountains, hills and sometimes lowlands.	The habitat is listed in EC Habitats Directive Annex II.
3260. Water courses of plain to montane levels with the <i>Ranunculus fluitantis</i> and <i>Callitriche-Batrachion</i> vegetation	<input type="checkbox"/>	Water courses of plain to montane levels, with submerged or floating vegetation of the <i>Ranunculus fluitantis</i> and <i>Callitriche-Batrachion</i> (low water level during summer) or aquatic mosses	The habitat is listed in EC Habitats Directive Annex II.
7140. Transition mires and quaking bogs	<input type="checkbox"/>	Peat-forming habitat on oligotrophic to mesotrophic waters, including characteristics intermediate between soligenous and ombrogenous mire types. Swaying swards, floating carpets or quaking mires are also included. It includes many plant communities.	The habitat is listed in EC Habitats Directive Annex II.
7160. Fennoscandian mineral-rich springs and springfens	<input type="checkbox"/>	Springs and spring fens are characterized by continuous flow of ground-water. The water is cold, of even temperature, and rich in oxygen and minerals, due to the rapid percolation.	The habitat is listed in EC Habitats Directive Annex II.
7230. Alkaline fens	<input type="checkbox"/>	Wetlands mostly or largely occupied by peat- or tufa-producing small sedge and brown moss communities developed on soils permanently waterlogged, with a soligenous or topogenous base rich, often calcareous water supply.	The habitat is listed in EC Habitats Directive Annex II.
7310. Aapa mires	<input type="checkbox"/>	Mire complexes characterised by centres of minerotrophic fen vegetation. Included mire units: mixed mires, string-fens, flark-fens, unraised <i>Sphagnum fuscum</i> -bogs, unpatterned topogenous or soligenous lawn-, carpet or mud-bottom fens.	The habitat is listed in EC Habitats Directive Annex II.
9010. Western taiga	<input checked="" type="checkbox"/>	Natural old boreal forests with little or none human impact. They often contain a lot of dead and rotten wood; have a variation in tree age and length and species composition. Both wet and non-wet subtypes exist. They often support redlisted species.	The habitat is listed in EC Habitats Directive Annex II. The habitat had an unfavourable status in the Swedish part of the EU Alpine region in 2013.
91D0. Bog woodland	<input type="checkbox"/>	Coniferous and broad-leaved forests on a humid to wet peaty substrate, with the water level permanently high and even higher than the surrounding water table. The water is always very poor in nutrients (raised bogs and acid fens).	The habitat is listed in EC Habitats Directive Annex II.

Name of ecological community	Community qualifies under Criterion 2?	Description	Justification
6450. Northern boreal alluvial meadows	<input checked="" type="checkbox"/>	Along rivers with placid river sections, which are frozen every winter, the type is affected by flooding in spring. The traditional management, mowing of hay, has usually ceased. Type includes areas not yet severely overgrown with wooded species.	The habitat is listed in EC Habitats Directive Annex II. The habitat had an unfavourable status in the Swedish part of the EU Alpine region in 2013.

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

### 4.1 - Ecological character

Blaikfjället is a sub-mountainous high-level plateau situated slightly east of the Fennoscandian high alpine mountains. In the central parts the terrain consists of plateaus and undulating hills with the upper parts of long slopes in the outer parts in NE and SW direction. Several small streams are running through the conifer forest down the slopes.

The site contains a mosaic of habitats, mostly aapa mires and western taiga. Mire types at the site are string mires, steep soligenous fens, soligenous fens, topogenous fens. There are also springfens, with spring cupolas and spring creeks. There are also places with wet heath at the site.

### 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		4		Representative
Fresh water > Lakes and pools >> O: Permanent freshwater lakes		4		Representative
Fresh water > Lakes and pools >> Tp: Permanent freshwater marshes/ pools		4		Representative
Fresh water > Marshes on peat soils >> U: Permanent Non-forested peatlands		1		Rare
Fresh water > Marshes on inorganic soils >> W: Shrub-dominated wetlands		4		Representative
Fresh water > Marshes on inorganic soils >> Xf: Freshwater, tree-dominated wetlands		3		Representative
Fresh water > Marshes on peat soils >> Xp: Permanent Forested peatlands		2		Rare

#### Other non-wetland habitat

Other non-wetland habitats within the site	Area (ha) if known
Conifer forest (western taiga)	

### 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 Mid-Latitude climate with cold winters	Dfc: Subarctic (Severe winter, no dry season, cool 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 north-eastern part of the site drains to the river Ångermanälven. The south-western part of the site drains to Fjällån and the north-western part drain to Långselån both in another subbasin of the Ångermanälven catchment area.

#### 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

Please provide further information on the soil (optional)

The underlying bedrock is mainly mountainous quartzite and shale. Most of the mineral soils are moraine.

#### 4.4.4 - Water regime

Water permanence

Presence?	Changes at RIS update
Usually permanent water present	

Source of water that maintains character of the site

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

Water destination

Presence?	Changes at RIS update
To downstream catchment	No change

Stability 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 determinants (if relevant). Use this box to explain sites with complex hydrology.

Normal seasonal fluctuations occur. High water levels after snow melting and low water levels during winter.

#### 4.4.5 - Sediment regime

Sediment regime unknown

Please provide further information on sediment (optional):

Very small erosion and sedimentation may occur due to natural processes (heavy rainfall, snow melting etc).

#### 4.4.6 - Water pH

Circumneutral (pH: 5.5-7.4)

(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

Unknown

4.4.8 - Dissolved or suspended nutrients in water

Mesotrophic

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

Dystrophic

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

Unknown

Please provide further information on dissolved or suspended nutrients (optional):

Predominantly dystrophic water.

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

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

Surrounding area has greater urbanisation or development

Surrounding area has higher human population density

Surrounding area has more intensive agricultural use

Surrounding area has significantly different land cover or habitat types

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

Blaikfjället is a sub-mountainous high-level plateau with pristine aapa mires and long slopes with soligenous mires and old growth forests in the outer parts in NE and SW direction.

The surroundings (outside the site) consists of coniferous dominated forest landscapes on radically lower altitude level with high impact of industrial forestry and smaller aapa mire complexes.

To the northwest there is a protected alpine area.

4.5 - Ecosystem services

4.5.1 - Ecosystem services/benefits

Provisioning Services

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

Regulating Services

Ecosystem service	Examples	Importance/Extent/Significance
Maintenance of hydrological regimes	Storage and delivery of water as part of water supply systems for agriculture and industry	Medium
Climate regulation	Regulation of greenhouse gases, temperature, precipitation and other climatic processes	Low
Hazard reduction	Flood control, flood storage	Medium

Cultural Services

Ecosystem service	Examples	Importance/Extent/Significance
Recreation and tourism	Picnics, outings, touring	Low
Recreation and tourism	Recreational hunting and fishing	Low
Recreation and tourism	Nature observation and nature-based tourism	Low
Spiritual and inspirational	Cultural heritage (historical and archaeological)	Low
Spiritual and inspirational	Aesthetic and sense of place values	Medium
Scientific and educational	Educational activities and opportunities	Low
Scientific and educational	Important knowledge systems, importance for research (scientific reference area or site)	Low
Scientific and educational	Major scientific study site	Low

Supporting Services

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

Other ecosystem service(s) not included above:

Reindeer herding. The mires within the site have been used for hay-making during long period. Remains from the haymaking period are several paths and barns.

Within the site: 100s

Outside the site: 100s

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

Description if applicable

The land has been used for extensive reindeer farming for several hundreds of years by the Sami people. The grazing has some influence on the wetlands vegetation.

- 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

##### Public ownership

Category	Within the Ramsar Site	In the surrounding area
National/Federal government	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

##### Private ownership

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

#### 5.1.2 - Management authority

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

Länsstyrelsen Västerbotten  
SE - 901 86 UMEÅ, SWEDEN

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

Björn Jonsson, Head of Department for Nature conservation and management

Postal address:

Länsstyrelsen Västerbotten  
901 86 UMEÅ, SWEDEN

E-mail address:

bjorn.jonsson@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
Tourism and recreation areas	Low impact	Low impact	<input checked="" 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
Hunting and collecting terrestrial animals	Low impact	Low impact	<input checked="" type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change
Logging and wood harvesting	Low impact	Low impact	<input checked="" 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
Unspecified	Low impact	Medium impact	<input checked="" type="checkbox"/>	No change	<input checked="" type="checkbox"/>	No change

#### 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 below		whole

##### National legal designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
EU Natura 2000 SAC/SPA(1)	Blaikfjället	<a href="http://www.lansstyrelsen.se/vasterbotten/SiteCollectionDocuments/Sv/djur-och-natur/skyddad-natur/naturreservat/Vilhelmina/Blaikfjallet/SE0810054%20Blaikfjallet%20pj.pdf">http://www.lansstyrelsen.se/vasterbotten/SiteCollectionDocuments/Sv/djur-och-natur/skyddad-natur/naturreservat/Vilhelmina/Blaikfjallet/SE0810054%20Blaikfjallet%20pj.pdf</a>	partly
EU Natura 2000 SAC/SPA(2)	Gitsfjället	<a href="http://www.lansstyrelsen.se/vasterbotten/SiteCollectionDocuments/Sv/djur-och-natur/skyddad-natur/naturreservat/Vilhelmina/Gitsfjallet/SE0810057%20Gitsfjallet%20pj.pdf">http://www.lansstyrelsen.se/vasterbotten/SiteCollectionDocuments/Sv/djur-och-natur/skyddad-natur/naturreservat/Vilhelmina/Gitsfjallet/SE0810057%20Gitsfjallet%20pj.pdf</a>	partly
Nature reserve (1)	Blaikfjället	<a href="http://www.lansstyrelsen.se/vasterbotten/Sv/djur-och-natur/skyddad-natur/naturreservat/Vilhelmina-kommun/blaikfjallet/Pages/default.aspx">http://www.lansstyrelsen.se/vasterbotten/Sv/djur-och-natur/skyddad-natur/naturreservat/Vilhelmina-kommun/blaikfjallet/Pages/default.aspx</a>	partly
Nature reserve (2)	Gitsfjället	<a href="http://www.lansstyrelsen.se/vasterbotten/Sv/djur-och-natur/skyddad-natur/naturreservat/Vilhelmina-kommun/gitsfjallet/Pages/default.aspx">http://www.lansstyrelsen.se/vasterbotten/Sv/djur-och-natur/skyddad-natur/naturreservat/Vilhelmina-kommun/gitsfjallet/Pages/default.aspx</a>	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	Implemented

## Species

Measures	Status
Threatened/rare species management programmes	Partially implemented

## Human Activities

Measures	Status
Regulation/management of recreational activities	Implemented
Communication, education, and participation and awareness activities	Partially 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

URL of site-related webpage (if relevant): <http://www.lansstyrelsen.se/vasterbotten/Sv/djur-och-natur/skyddad-natur/naturreservat/vilhelmina-kommun/blaikfjallet/Pages/default.aspx>

5.2.6 - Planning for restoration

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

5.2.7 - Monitoring implemented or proposed

No formal monitoring is implemented.

## 6 - Additional material

### 6.1 - Additional reports and documents

#### 6.1.1 - Bibliographical references

Backman, J. 1976. Blaikfjällsområdet. En översiktlig naturinventering och områdesbeskrivning. Länsstyrelsen i Västerbottens län. PM.  
Gärdefors, U. (ed.) 2010. Rödlistade arter i Sverige 2010 - The 2010 Red List of Swedish Species. Artdatabanken, SLU, Uppsala.  
Kullman, L. 1980. Naturskogar inom Blaikfjällsområdet. Länsstyrelsen i Västerbottens län. Meddelande 18:1980.  
Lext, I & Tedeholm, A. 1985. Naturinventering Gitsfjället. Länsstyrelsen i Västerbottens län. Meddelande 1: 1985.  
Länsstyrelsen i Västerbottens län. 1993. Våtmarker i Västerbottens län. Meddelande 1:1993, Bilaga 1A.  
Länsstyrelsen i Västerbottens län. 1995. Inventering av hotade arter i de fjällnära naturreservaten i Västerbottens län. Länsstyrelsen i Västerbotten.  
Länsstyrelsen i Västerbottens län. 2001. Riksintressen för naturvård Västerbottens län. Länsstyrelsen i Västerbotten, meddelande 4:2001.  
Naturvårdsverket. 2007. Myrskyddsplan för Sverige – Delobjekt i Norrland. Naturvårdsverket rapport 5669. Stockholm.  
Naturvårdsverket. 2008. Nationalparksplan för Sverige.

#### 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:



Vy mot Sagatun (Andreas  
Garpelbring, 2010-08-17 )

#### 6.1.4 - Designation letter and related data

Designation letter

<1 file(s) uploaded>

Date of Designation