

Ramsar Information Sheet

Published on 27 April 2023 Update version, previously published on : 1 January 2005

FinlandLemmenjoki National Park



Designation date 2 February 2004
Site number 1521
Coordinates 68°36'N 25°36'29"E
Area 285 990,00 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

Lemmenjoki is Finland's largest National Park and one of Europe's most extensive roadless and uninhabited wilderness areas. The Park is an important conservation area of northern mire, riverine and forest ecosystems. All the mire types of northern Forest Lapland can be found in the area. There are also wide fell areas surrounded by western taiga forests and mountain birch forests. Aapa mires are located in lowland area between fell areas and numerous streams flow from the site to two main River Basins. The site has a rich avifauna and hosts a large number of archaeological sites.

2 - Data & location

2.1 - Formal data

2.1.1 - Name and address of the compiler of th	this RIS	ler of	compile	the	of	address	and	Name	.1 -	2.1
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2.1.1 - Name and address of the com	piler of this RIS								
Responsible compiler									
Institution/agency	Finnish Environment Institute (SYKE), Natural Environment Centre								
PO Box 140 FI-00251 Finland									
National Ramsar Administrati	ve Authority								
Institution/agency Metsähallitus, Parks and Wildlife Finland									
Postal address	PO Box 94 FI-01301 Vantaa Finland								
2.1.2 - Period of collection of data and	d information used to compile the RIS								
To year	2017								
2.1.3 - Name of the Ramsar Site									
Official name (in English, French or Spanish)	Lemmenjoki National Park								
Unofficial name (optional)	Lemmenjoen kansallispuisto								
2.1.4 - Changes to the boundaries an	d area of the Site since its designation or earlier update								
(Update) A	Changes to Site boundary Yes O No ⊚								
(Updat	e) B. Changes to Site area No change to area								
(Update) For secretariat only: Ti	his update is an extension								
2.1.5 - Changes to the ecological cha	racter of the Site								
^(Update) 6b i. Has the ecological character of t applicable Criteria) change	he Ramsar Site (including ded since the previous RIS?								
(Update) Optional text box to provide further info									
Wetland types and species, and eccecological character.	system services have been reassessed according to current knowledge, but there are no changes to the								
2.2 - Site location									
2.2.1 - Defining the Site boundaries									
b) Digital map/image <2 file(s) uploaded>									
Former maps	0								
Boundaries description The site follows the boundaries of the	e Natura 2000 site Fl1300201 Lemmenjoen kansallispuisto SAC/SPA.								
2.2.2 - General location									
a) In which large administrative region does the site lie?	Lapland								
b) What is the nearest town or population	Inari / Kittilä								
centre?									

2.2.3 - For wetlands on national boundaries only

a) Does the wetland extend onto the territory of one or more other countries?

2.2.4 - Area of the Site

Official area, in hectares (ha): 285990

Area, in hectares (ha) as calculated from 285965.808 GIS boundaries

2.2.5 - Biogeography

Biogeographic regions

Biogoogiapinorogiono	
Regionalisation scheme(s)	Biogeographic region
EU biogeographic regionalization	Alpine region
Other scheme (provide name below)	Northern boreal and (western part) Fjeld Lapland birch forest vegetation zones

Other biogeographic regionalisation scheme

Vegetation zones of Finland according to Ruuhijärvi et al. 2000.

3 - Why is the Site important?

3.1 - Ramsar Criteria and their justification

	Critorion 1	l: Representative.	raro or uniquo	natural o	r noar natural	wotland types
36	Criterion	r: Rebresentative.	. rare or unique	naturai o	r near-naturai	welland types

Hydrological services provided	Virgin aapa mires play an important role in maintenance of water quality and in flood control.
Other ecosystem services provided	As an active and mostly pristine peat bog, the site is very valuable for carbon storage and flood control. The site also harbours biodiversity and serves as a source of inspiration and recreation.
Other reasons	A unique example of natural wetland types (dominated by peatlands and rivers) in the EU Alpine region, including 3 priority natural wetland habitat types included in Annex I of the EU Habitats Directive (aapa mires, bog woodland, palsa mires).

- ☑ Criterion 2 : Rare species and threatened ecological communities
- ☑ Criterion 4 : Support during critical life cycle stage or in adverse conditions
- ☑ Criterion 8 : Fish spawning grounds, etc.

The river Tenojoki has its' upstream sections within the site and is one of the most important breeding Justification rivers for the Atlantic Salmon (Salmo salar). The salmon stock is very important both for biodiversity and economy, and fishing is jointly controlled by Finland and Norway.

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

1.2 - Flant species whose presence relates to the international importance of the site										
Phylum	Scientific name	Criterion 2	Criterion 3	Criterion 4	IUCN Red List	CITES Appendix I	Other status	Justification		
Plantae	Plantae									
BRYOPHYTA/ BRYOPSIDA	Hamatocaulis vernicosus	✓					National Red List - VU			
BRYOPHYTA/ BRYOPSIDA	Meesia longiseta	V					National Red List - EN			
TRACHEOPHYTA/ MAGNOLIOPSIDA	Ranunculus Iapponicus	V					EU Habitats Directive - Annex II, IV			
TRACHEOPHYTA/ MAGNOLIOPSIDA	Saxifraga hirculus	V			LC		National Red List - VU			

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

Phylum	Scientific name	Species qualifies under criterion	Species contributes under criterion 3 5 7 8	Pop. Size	Period of pop. Est.	% occurrence 1)	IUCN Red List	CITES Appendix I	CMS Appendix I	Other Status	Justification
Others											
CHORDATA/ MAMMALIA	Gulo gulo						LC			National Red List - EN; EU Habitats Directive - Annex II	
CHORDATA/ MAMMALIA	Lutra lutra						NT	✓		EU Habitats Directive - Annex II, IV	

Phylum	Scientific name	Species qualifies under criterion	Speci contrib unde criter	utes er ion	Pop. Size Period of pop.	% occurrence	IUCN Red List	CITES Appendix	CMS Appendix I	Other Status	Justification
CHORDATA/ MAMMALIA	Vulpes lagopus						LC			National Red List - CR; EU Habitats Directive - Annex II, IV	
Fish, Mollusc a	Fish, Mollusc and Crustacea										
CHORDATA/ ACTINOPTERYGII	Salmo salar									National Red List - VU	River Tenojoki is one of the most important breeding rivers for the Atlantic Salmon and has its' headwaters on the site.
Birds									'		
CHORDATA/ AVES	Anas acuta						LC			National Red List - EN	
CHORDATA/ AVES	Anser fabalis						LC			National Red List - VU	Breeding
CHORDATA/ AVES	Anthus cervinus						LC			National Red List - VU	
CHORDATA/ AVES	Aythya fuligula						LC			National Red List - EN	
CHORDATA/ AVES	Aythya marila						LC			National Red List - EN	
CHORDATA/ AVES	Bubo bubo						LC			National Red List - EN; EU Birds Directive - Annex I	
CHORDATA/ AVES	Calidris temminckii						LC			National Red List - EN	
CHORDATA/ AVES	Charadrius morinellus									National Red List - VU; EU Birds Directive - Annex I	
CHORDATA/ AVES	Cinclus cinclus						LC			National Red List - VU	
CHORDATA/ AVES	Circus cyaneus						LC			National Red List - VU; EU Birds Directive - Annex I	
CHORDATA/ AVES	Cygnus cygnus						LC			EU Birds Directive - Annex I	
CHORDATA/ AVES	Emberiza rustica						VU				
CHORDATA/ AVES	Lyrurus tetrix						LC			EU Birds Directive - Annex I	Breeding
CHORDATA/ AVES	Melanitta fusca						VU			National Red List - EN	
CHORDATA/ AVES	Mergellus albellus						LC			EU Birds Directive - Annex I	
CHORDATA/ AVES	Phalaropus Iobatus						LC			National Red List - VU; EU Birds Directive - Annex I	
CHORDATA/ AVES	Philomachus pugnax						LC			National Red List - CR; EU Birds Directive - Annex I	Breeding
CHORDATA/ AVES	Phylloscopus borealis						LC			National Red List - VU	
CHORDATA/ AVES	Picoides tridactylus						LC			EU Birds Directive - Annex I	
CHORDATA/ AVES	Sterna hirundo						LC			EU Birds Directive - Annex I	
CHORDATA/ AVES	Tetrao urogallus						LC			EU Birds Directive - Annex I	Breeding
CHORDATA/ AVES	Tringa glareola						LC			EU Birds Directive - Annex I	

¹⁾ Percentage of the total biogeographic population at the site

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 natural rivers	Ø		Habitats Directive - Annex I
Water courses of plain to montane levels with Ranunculion fluitantis and Callitricho- Batrachion vegetation	Ø		Habitats Directive - Annex I
Alpine rivers and their ligneous vegetation with Myricaria germanica	2		Habitats Directive - Annex I
Natural dystrophic lakes and ponds	2		Habitats Directive - Annex I
Oligotrophic waters containing very few minerals of sandy plains (Littorelletalia uniflorae)	2		Habitats Directive - Annex I
Aapa mires	₩		Habitats Directive - Annex I
Transition mires and quaking bogs	2		Habitats Directive - Annex I
Palsa mires	2		Habitats Directive - Annex I
Bog woodland	2		Habitats Directive - Annex I
Fennoscandian springs and springfens	2		Habitats Directive - Annex I
Petrifying springs with tufa formation (Cratoneurion)	2		Habitats Directive - Annex I

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

4.1 - Ecological character

The site represents the Mire vegetation region of Northern aapa mires. The area includes ca. 75 000 ha of mires and ca. 3 400 ha of water. The mire complexes reach up to several thousand hectares in size. The largest mires are in the southern part between the rivers Repojoki and Lemmenjoki and beside the upper tributaries of River Ivalojoki. Repokaira is composed of uplands characterized by Mountain Birch (Betula pubescens ssp. czerepanovii), and the mires have a special character with barren heaths and numerous small waterbodies. Extensive open mires spread out between forest ridges on both sides of River Ivalojoki. In these mires grassy flarks are well developed, characterized by extensive growths of the cotton-grass species Eriophorum russoleum. The largest (ca. 4 000 ha) continuous mire area is the barren, hummocky raised bog of Naskama-aapa, which extends to the southern margins of the Park. Blanket mires occur everywhere on the hill-slopes of river valleys, and the springs are accompanied by rich fen-like mires.

The central part of the National Park is dominated by the more than 70 km long River Lemmenjoki and the Maarestatunturi and Viipustunturi fjeld clusters surrounding it. The high fell plateau is crossed by several river valleys, of which the mightiest is the 20 km long Lemmenjoki Valley. The western part of the Park is bordered by the steeply profiled line of Kietsimätunturit Fjelds. The area is rich of lakes and ponds. Old, open and mossy forests of Spruce (Picea abies) are abundant in southern parts of the Park. The northern limit of Spruce crosses the southern section of the Park, and the ridges between rivers in the northern parts are dominated by old-growth forests of Pine (Pinus sylvestris). The western and northwestern parts lack coniferous forest and Mountain Birch is the only tree species. The river banks are characterized by alluvial meadows with extensive growths of willow (Salix spp.).

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 >> M: Permanent rivers/ streams/ creeks		2	1635	Representative
Fresh water > Lakes and pools >> O: Permanent freshwater lakes		3	198	Representative
Fresh water > Marshes on peat soils >> U: Permanent Non- forested peatlands		1	61473	Representative
Fresh water > Marshes on peat soils >> Xp: Permanent Forested peatlands		2	2800	Representative
Fresh water > Flowing water >> Y: Permanent Freshwater springs; oases		4	2	Rare

Other non-wetland habitat

Other non-wetland habitat	
Other non-wetland habitats within the site	Area (ha) if known
Western taiga	133100
Nordic subalpine forests with Betula pubescens ssp. czerepanovii	45000
Boreal heaths	29000

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 se	tting		
a) Minimum elevation a	14/		
	metres) —		
a) Maximum elevation a	bove sea level (in metres)		
	Ent	tire river basin 🛘	
	Upper par	t of river basin 🗹	
	Middle par	t of river basin	
	Lower par	t of river basin	
	More than o	ne river basin	
	No	t in river basin	
		Coastal	
Please name the river basi	n or basins. If the site lies in a s	sub-basin, please also nam	e the larger river basin. For a coastal/marine site, please name the sea or ocean.
River basin Paatsjoki	draining into the Arctic (Ocean in Norway.	
4.4.3 - Soil			
4.4.3 - 3011			
	(I to de to)	Mineral 🗹	
	(Update) Changes		Increase O Decrease O Unknown O
		Organic 🗹	
	^(Update) Changes	at RIS update No change) Increase O Decrease O Unknown O
		le information \square	
	o change as a result of changin ons (e.g., increased salinity or		
Please provide further infor	mation on the soil (optional)		
Mainly glacigenic gro and hummocky morai		edrock terrain, also gl	cifluvial gravel and sand in river valleys and smaller areas of boulder fields
4.4.4 - Water regime Water permanence Presence? Usually permanent water present	Changes at RIS update		
Source of water that maintair	ns character of the site		
Presence?	Predominant water source	Changes at RIS update	
Water inputs from groundwater		No change	
Water inputs from surface water		No change	
Water inputs from precipitation	2	No change	
Places add any comments	on the water regime and its de	terminante (if relevant). Lle e	this box to explain sites with complex hydrology:
	endent on ground or surfa	<u> </u>	uns box to explain sites with complexifydrology.
	stly shallow. Water-level h		of melting snow
_ op ar or mater to meet			
4.4.5 - Sediment regin	10		
	Sediment reg	ime unknown 🗹	
4.4.C. \Matanall			
4.4.6 - Water pH			
		Unknown 🗹	
4.4.7 - Water salinity			
T.T.I - VVAIGI SAIIIIILY	_		
		resh (<0.5 g/l) 🗹	0. 0. 00
		1.010	
	(Optiale) Changes	at RIS update No change € Unknown □	Increase O Decrease O Unknown O

Dystrophic 🗹

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

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

General water quality excellent in largest rivers. Mire waters dystrophic.

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 iii) significantly different iii)

4.5 - Ecosystem services

4.5.1 - Ecosystem services/benefits

Provisioning Services

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

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	Low	
Climate regulation	Regulation of greenhouse gases, temperature, precipitation and other climactic processes	High	
Hazard reduction	Flood control, flood storage	Medium	

Cultural Services

Cultural Services		
Ecosystem service	Examples	Importance/Extent/Significance
Recreation and tourism	Recreational hunting and fishing	Medium
Recreation and tourism	Picnics, outings, touring	Medium
Spiritual and inspirational	Cultural heritage (historical and archaeological)	Medium
Spiritual and inspirational	Aesthetic and sense of place values	Medium
Scientific and educational	Educational activities and opportunities	Medium
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 microorganizms, the genes they contain, and the ecosystems of which they form a part	High	
Soil formation	Accumulation of organic matter	Medium	
Nutrient cycling	Carbon storage/sequestration	High	

Other ecosystem service(s) not included above:

Significant values include environmental education, scientific research, reindeer husbandry, outdoor recreation, recreation fishing and gold washing. The site includes two provincially (3 ha) and one locally (3 ha) important traditional rural biotopes.

"Traditional rural biotope" is a synonym for a group of biotopes as semi-natural grassland, wooded pastures and grazed forests. (They are the most important areas for biodiversity in the agricultural landscape and also unreplaceable for the cultural heritage. They are classified as nationally, provincially or locally valuable. Most of these areas are very small. Most valuable areas are threatened because of e.g. overgrowing and enrichment caused by fertilization.)

Within the site:	15000
Outside the site:	1000s

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

RIS for Site no. 1521, Lemmenjoki National Park, Finland

i) the site provides a model of wetland wise use, demonstrating the oplication 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	1

Description if applicable

Within the Lemmenjoki National Park there are 762 known archaeological sites. About 95 % of them are pitfall traps, located along the banks of the River Lemmenjoki and its tributaries. The pitfall traps indicate the most important prehistoric and early historic subsistence strategy, the hunting of forest reindeer. Other types of archaeological remains are prehistoric dwelling sites. Of them, the sites with rectangular hearts, dating back to ca AD 800-1600, are considered as the most distinct evidence of Sami population. Today the national park is classified as a wilderness, though there have been reindeer herdsmen and families living in the area. Two areas in the national park are included in the RKY, the list of nationally significant cultural landscapes. They are the Sami and Gold Prospector settlements of Repokaira-Lemmenjoki and the reindeer round-up site of Sallivaara.

iii) the ecological character of the wetland depends on its interaction with local communities or indigenous peoples
iv) relevant non-material values such as sacred sites are present and their existence is strongly linked with the maintenance of the ecological
character of the wetland

Description if applicable

The Lemmenjoki National Park is part of the Sami Homeland, an important domain of the Sami culture. The traditional Sami cultural landscape includes, in addition to the hamlets, houses and archaeological sites, also those places, that are significant for native people through the cultural meanings in the landscape. For an outsider, those places can appear as pure wilderness. Lemmenjoki is important for the traditional livelihood of the Sami: reindeer herding, fishing, hunting, gathering of natural products, and traditional crafts (duodji). Most place names are in Sami language.

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

0.1	March 1 In In	0.1	P.				
Category National/Federal	Within the Ran		,				
government	✓	×	1				
Drivate avvaerabia							
Private ownership Category	Within the Ran	nsar Site In the surrou	ınding area				
Other types of		✓					
private/individual owner(s)		68	4				
Danida forth or information	46 - 1 4	/	-1)-				
		/ ownership regime (option					
The land is complete	ely state-owned	apart from one small	estate and a ro	ad.			
5.1.2 - Management a	authority						
Please list the local of	ffice / offices of any	Metsähallitus Parks a	and Wildlife Fir	land			
agency or organizati	on responsible for						
1	managing the site:						
Provide the name and/o	r title of the person	Ms. Elisa Pääkkö, S	nacialist				
or people with responsible	ility for the wetland:	ivis. Elisa Pääkku, S	pecialist				
		Jäämerentie 6					
	Postal address:	99600 Sodankylä					
		Finland					
	E-mail address:	elisa.paakko@mets	a fi				
	2 man addi 555.	olioa.paanno@moto	u				
Human settlements (non ag	·	5					
affecting site Tourism and recreation	Actual threat	Potential threat	Within th		Changes	In the surrounding area	Changes
areas			₹				
nergy production and mini	ina						
Factors adversely affecting site	Actual threat	Potential threat	Within th	ne site	Changes	In the surrounding area	Changes
Mining and quarrying	Medium impact	Medium impact	√	1	increase		No change
g ene qeenjing			682	,			
liological resource use							
Factors adversely affecting site	Actual threat	Potential threat	Within th	e site	Changes	In the surrounding area	Changes
Hunting and collecting			✓	1			
terrestrial animals							
luman intrusions and distu	ırhance						
Factors adversely		Dotontial threat	Within th	no cito	Charres	In the curremains are	Change
affecting site	Actual threat	Potential threat			Changes	In the surrounding area	Changes
Recreational and tourism activities			✓				
		I		l		1	
latural system modification	ns						
Factors adversely affecting site	Actual threat	Potential threat	Within th	e site	Changes	In the surrounding area	Changes
Vegetation clearance/			4				
land conversion			180	1			
Climate change and severe	weather						
Factors adversely	Actual threat	Potential threat	Within th	e site	Changes	In the surrounding area	Changes
affecting site	Actual till cat	i otentiai tiii eat	vvicinii ti	3116	Onallyes	in the surrounding area	Onlanges
Habitat shifting and							

Please describe any other threats (optional):

Low impact

Habitat shifting and

alteration

Reindeer husbandry is changing the vegetation. Mechanized goldwashing has weakened the natural state of the tributaries of River Lemmenjoki until the late 1980s. Increasing tourism and hiking cause disturbance. Hunting may have negative effects on the site.

Medium impact

 \checkmark

No change

 \checkmark

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	Lemmenjoen kansallispuisto SAC/SPA	http://natura2000.eea.eur opa.eu/Natura2000/SDF.aspx?site= FI1300201	whole

National legal designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
National Park	Lemmenjoki National Park		whole
Restricted Area			partly

Non-statutory designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
Important Bird Area	Lemmenjoki- Hammastunturi-Pulju	http://datazone.birdlife.org/sit e/factsheet/lemmenjoki-hammastun turi-pulju-iba-finland	whole

5.2.3 - IUCN protected areas categories (2008)

	la Strict Nature Reserve
	Ib Wilderness Area: protected area managed mainly for wilderness protection
V	Il 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

5.2.4 - Key conservation measures

Legal protection

	3 F		
	Measures	Status	
Legal protection		Implemented	

Other

The site is included in the Natura 2000 Network, designated both as SPA and SCI. Lemmenjoki National Park (285 484 ha) was established in 1956, extended in 1971 and 1982. A master plan for the National Park was established in 1988. Restricted Areas have been established at Ravadasköngäs and at Naukusuo Mire, where access is prohibited from early May to mid July. Use of motor vehicles is permitted only for local residents. Mechanized gold washing is prohibited.

The first part of the park was established long before the mire conservation programme existed and also the later parts have been included in programme of national parks, so there was no need to double the programmes in the site to get it protected.

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?

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 opposesses 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:

Various educational themes are carried out in the Park and it functions as an important education site for the Kevo Research Station of Turku University.

Northern Lapland Nature Centre is situated in Inari village. A nature cabin, two information points, a nature trail, camping sites, ten wilderness huts, boat transport services and over 40 km of marked trails have been constructed in the National Park. The Park had ca. 10 000 visitors in 2003. Licensed recreation fishing is permitted in certain areas.

5.2.6 - Planning for restoration

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

5.2.7 - Monitoring implemented or proposed

Monitoring	Status	
Birds	Implemented	
Animal species (please specify)	Implemented	
Plant species	Implemented	

The breeding bird fauna, lepidopteran fauna, flora and geology of the area have been studied intensively since the 1930s. The data is collected systematically by Kevo Research Station of Turku University as a part of Inari-Lapland's biological survey. A part of this material has been published as distribution maps (Kevo Notes and Reports from the Kevo Subarctic Station). A geological study has been carried out of the geomorphological formations of River Lemmenjoki Valley.

6 - Additional material

6.1 - Additional reports and documents

6.1.1 - Bibliographical references

http://eunis.eea.eu.int/temp/SiteFactsheet_C3B2278C8E4EA599899E0D69E9B2EE22.pdf http://www.metsa.fi/natural/nationalparks/lemmenjoki/first.htm

Hyvärinen, E., Juslén, A., Kemppainen, E., Uddström, A. & Liukko, U.-M. (eds.) 2019. The 2019 Red List of Finnish Species. Ympäristöministeriö & Suomen ympäristökeskus. Helsinki. 704 p.

lso-livari, L. 1990. Birds of Inari Lapland (published observations). Turun yliopisto, Lapin biologinen tutkimusasema Kevo.

Koponen, S., Laasonen, E.M. & Linnaluoto, E.T. 1982. Lepidoptera of Inari Lapland. Kevo Notes 6.

Leivo, M. 2000. Suomen kansainvälisesti tärkeät lintualueet. Linnut-vuosikirja 1999. (English summary: Important Bird Areas in Finland).

Leivo, M., Asanti, T., Koskimies, P., Lammi, E., Lampolahti, J., Mikkola-Roos, M.& Virolainen, E. 2002. Suomen tärkeät lintualueet FINIBA. BirdLife Suomen julkaisuja 4, Suomen graafiset palvelut, Kuopio.

Metsähallitus 1988. Lemmenjoen kansallispuiston runkosuunnitelma. Metsähallitus, SU 4:91.

Mäkinen, I. & Kallio, P. 1979. The vascular plants of lnari Lapland, Finland. Kevo Notes 4.

Piirola, J. 1972. The Inari region of Finnish Lapland. Fennia 111.

Rautava, E. 1972. Amphiphytic and aquatic moss vegetation in the rivers Vaskojoki and Kettujoki in Finnish Lapland. Reports from the Kevo Subarctic Research Station 9.

Sihvo, J. 2002. Ylä-Lapin luonnonhoitoalueen ja Urho Kekkosen kansallispuiston luontokartoitus; Loppuraportti osa 2: Ylä-Lapin luontotyypit. Metsähallituksen luonnonsuojelujulkaisuja A 137.

Tiainen, J., Mikkola-Roos, M., Below, A., Jukarainen, A., Lehikoinen, A., Lehtiniemi, T., Pessa, J., Rajasärkkä, A., Rintala, J., Sirkiä, P. & Valkama, J. 2016. The 2015 Red List of Finnish Bird Species.

Ministry of Environment & Finnish Environment Institute, Helsinki.

Working group on the need for forest protection in southern Finland and Ostrobothnia. Chairman Ruuhijärvi, R., Secretaries Kuusinen, M., Raunio, A. and Eisto, K. 2000. Forest protection in southern Finland and Ostrobothnia. The Finnish Environment 437. Ministry of the Environment.

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 data available>

6.1.3 - Photograph(s) of the Site

Please provide at least one photograph of the site



The Lemmenjoki River is the heart of the National Park. (
Hannu Vallas, 15-07-2012

6.1.4 - Designation letter and related data

Designation letter

<1 file(s) uploaded>

Date of Designation 2004-02-02