

Ramsar Information Sheet

Published on 23 June 2023 Update version, previously published on : 22 December 2017

NorwayTautra and Svaet



Designation date 24 July 1985

Site number 311

Coordinates 63°34'04"N 10°37'39"E

Area 1 635,00 ha

Color codes

Fields back-shaded in light blue relate to data and information required only for RIS updates.

Note that some fields concerning aspects of Part 3, the Ecological Character Description of the RIS (tinted in purple), are not expected to be completed as part of a standard RIS, but are included for completeness so as to provide the requested consistency between the RIS and the format of a 'full' Ecological Character Description, as adopted in Resolution X.15 (2008). If a Contracting Party does have information available that is relevant to these fields (for example from a national format Ecological Character Description) it may, if it wishes to, include information in these additional fields.

1 - Summary

Summary

The Site consists of the island Tautra and a shallow strait between Tautra and the neighbouring mainland area called Frosta. This shallow intertidal marine waters with mud- and sandflats are very important for a large number of bird species, especially as a staging area in spring and autumn. The birdlife also relays on the freshwater lakes on the island and the site has pr. 2022 Norway's largest colony of breeding black-headed gull (Chroicocephalus ridibundus), a species considered as critically endangered (CR) on the national red list. The island itself is dominated by cultural landscapes with farms, houses, roads and some woodland areas with pine and spruce forests and areas with juniper shrubs. The traditionally managed cultural landscape shaped through hundreds of years, contain a high diversity of specialized plant species.

2 - Data & location

2.1 - Formal data

2.1	.1	- N	lame	and	address	of the	compiler	of this RI	S
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Responsible compiler

Institution/agency Norwegian Environment Agency
Postal address P.O. Box 5672 Torgarden, N-7485 Trondheim, Norway

National Ramsar Administrative Authority

Postboks 5672 Sluppen
Trondheim
Norway

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

From year 2011

To year 2022

2.1.3 - Name of the Ramsar Site

Official name (in English, French or Spanish)

Tautra and Svaet

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

(Update) For secretariat only. This update is an extension □

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 boundaries are the same as for the Tautra Nature Reserve and the Svaet Bird Sanctuary (Fuglefredningsområde) and includes Øksningen Nature Reserve.

2.2.2 - General location

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

Nord-Trondelag

b) What is the nearest town or population centre?

Trondheim

2.2.3 - For wetlands on national boundaries only

a) Does the wetland extend onto the territory of one or more other countries? Yes $\mbox{O}\mbox{ No}\mbox{ }\mbox{\Large @}$

b) Is the site adjacent to another designated Ramsar Site on the territory of another Contracting Party?

2.2.4 - Area of the Site

Official area, in hectares (ha): 1635

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

2.2.5 - Biogeography

Biogeographic regions

Regionalisation scheme(s)	Biogeographic region
Other scheme (provide name below)	Boreonemoral vegetation zone, markedly oceanic section (BnO2).
EU biogeographic regionalization	2. Atlantic

Other biogeographic regionalisation scheme

- 1. Zonal division showing the variation in vegetation from south to north and from the lowlands to the mountains, and sectional graduation showing the variation between the coast and inland (In: Moen, A. 1998. Nasjonalatlas for Norge; vegetasjon. Statens kartverk, Hønefoss).
- 2. Biogeographical regions, Europe 2005, European Environment Agency

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

Other ecosystem services provided

Popular recreational area, where the traditional Cultural landscape, the monastery ruins and the bird life are among the attractions.

Other reasons

The Site is of a high importance for biological diversity, especially for waterbirds. It is an important staging and wintering site for a large number of ducks and waders. Other waterbirds, such as the common eider (Somateria mollissima), breed at the Site. Several thousand birds can gather here at any one time to feed in spring and autumn.

In addition to bird life, the island also has large botanical values related to the cultural landscape and anthropogenous grassland vegetation.

☑ Criterion 2 : Rare species and threatened ecological communities

Optional text box to provide further The Site hosts several national and international red-listed species, such as the black guillemot Cepphus information grylle and the razorbill Alca torda.

☑ Criterion 3 : Biological diversity

Justification

Both the island Tautra and the adjacent Svaet has a very high species diversity of birds, plants and insects.

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

Optional text box to provide further information

Important staging site for large numbers of divers, grebes and ducks both in spring and autumn. Important moulting site for several species, such as the velvet scoter (Melanitta fusca) and the red-breasted merganser (Mergus serrator)

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

o.z i lant species	WIIO3C PIC3CIICC	relates to the in	ternational impo	ortanice of the s	itC			
Phylum	Scientific name	Criterion 2	Criterion 3	Criterion 4	IUCN Red List	CITES Appendix I	Other status	Justification
Plantae								
TRACHEOPHYTA/ LILIOPSIDA	Catabrosa aquatica		V		LC			Species is declining nationally.
TRACHEOPHYTA/ MAGNOLIOPSIDA	Lycopus europaeus		V		LC			Northern limit for this species, regionally rare.
BRYOPHYTA/ BRYOPSIDA	Syntrichia ruraliformis		V					Tautra supports the region's only known occurrence of this species.
TRACHEOPHYTA/ MAGNOLIOPSIDA	Thymus praecox britannicus	V	 ✓				National red list status: VU	

Referred to the National Red List 2021		

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

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Phylum	Scientific name		alifie								Pop.	Period of pop. Est.	% occurrence	IUCN Red	CITES	CMS	Other Status	Justification
			crit	_		-			_	rion	Size	. 01.00 01 pop. 200	1)	List	Appendix I	Appendix I	Gillo: Glatia	
Birds			-			9	3	J	1	0								
CHORDATA/ AVES	Alauda arvensis		V		0		1							LC				Criterion 4: Breeding site for his species.
CHORDATA/ AVES	Alca torda	¥	V		0		V							NT			National red list status: VU	Criterion 4: staging and moulting area for this species. Occasionally seen in the winter.
CHORDATA / AVES	Anas acuta	V			0		V							LC			National red list status: VU	Observed regularly on the site.
CHORDATA/ AVES	Anas clypeata	1	V		0		¥.										National red list status: VU	Criterion 4: Important staging site for this species. Some breeding couples as well.
AVES	Calidris alpina		V		0		1							LC				Criterion 4: Important staging area for this species
CHORDATA / AVES	Cepphus grylle		V		0		1							LC				Criterion 4: Breeding site for this species.
	Chroicocephalus ridibundus	V	V		0		√										National red list status: CR	Criterion 4: Important breeding site for this species. 733 Nests around Måsdammen in 2022. This makes this colony the largest in Norway this year.
CHORDATA / AVES	Clangula hyemalis	1	V		0		V							VU				Criterion 4: Important staging site in spring and autumn.
CHORDATA / AVES	Haematopus ostralegus		V		0		1							NT				Criterion 4: Breeding site for this species.
CHORDATA / AVES	Haliaeetus albicilla		V][V							LC	\checkmark	V		Criterion 4: Regularly seen foraging in the area.
AVES	Larus canus	1	V		0		V							LC			National red list status: VU	Criterion 4: Important breeding site for this species.
,0	Melanitta fusca	1	V		0		1							VU			National red list status: VU	Criterion 4: Important staging area for this species.
CHORDATA / AVES			J		0		J							LC				Criterion 4: Important staging and moulting site for this species.
CHORDATA / AVES	Mergus serrator		V		0		V							LC				Criterion 4: Important moulting site for this species.
	pugnax	1	V		0		1										National red list status: EN	Criterion 4: Staging and feeding site for this species.
CHORDATA / AVES	Podiceps auritus	V][V							VU			National red list status: VU	Often registered on the site
CHORDATA / AVES	Porzana porzana	1			0									LC			National red list status: EN	Registred on the site.
CHORDATA / AVES	Rallus aquaticus	J			0									LC			National red list status: VU	Registred on the site.
CHORDATA/ AVES	Somateria mollissima	J	V		0		V							NT			National red list status: VU	Criterion 3: Character species for the area. Criterion 4: Important moulting and breeding site for this species.
CHORDATA / AVES	Sterna hirundo	J	V		0		1							LC			National red list status: EN	Criterion 4: Important breeding site for this species.
CHORDATA/ AVES	Vanellus vanellus	J	V		0		V)							NT			National red list status: CR	Criterion 4: The site supports relative large numbers of this species.

¹⁾ Percentage of the total biogeographic population at the site

Referred	to the	Nationa	I Red	List 2	121

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

<u> </u>			
Name of ecological community	Community qualifies under Criterion 2?	Description	Justification
Semi-natural grassland	2	Traditionally managed open pasture land that supports rare plant species	Status VU on the national red list for ecosystems and habitats, threatened by ceased grazing and overgrowing.
Tidal mud- and sandflats		Shallow marine waters with rich benthic fauna, especially mussels, important for birds.	The shallow waters is still of high importance, despite the stone Causeway, and after the restoration, the situation has improved significantly.
Lime-rich lake	2	Lime-Rich lakes with a high diversity of plant species.	Important for bird life. Status VU on the national red list

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

4.1 - Ecological character

The area is characterized by the large tidal mudflats in Svaet, and the grazed cultural landscape at Tautra. Previously grazing also occurred in the northern part, but is now subject to re-establishment of tree species. The mudflats sustains a rich benthic fauna, especially mussels. The shore has highly differentiated vegetation types, depending on influence from saltwater, such as foreshore with salt-influenced wet meadows, brackish meadows - including a brackish pond, and freshwater ponds. Especially around the brackish pond, there are some interesting plants and plant communities. Smaller areas on the southeastern side of Tautra have sea-grass Zoostera beds. On the limestone bedrock on the northern part there are dry meadows with interesting plant species.

Although the benthic fauna became significantly poorer after the building of the stone causeway that shut off the previously strong current in Svaet, the area still is of a great importance to staging divers, grebes, ducks and waders. The numbers have again increased after a bridge opening in the causeway was built in 2003.

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

Marine or coastal wetlands

Wetland types (code and name)	Local name	Ranking of extent (1: greatest - 4: least)	Area (ha) of wetland type	Justification of Criterion 1
A: Permanent shallow marine waters		1		
B: Marine subtidal aquatic beds (Underwater vegetation)		4		
E: Sand, shingle or pebble shores		3		
G: Intertidal mud, sand or salt flats		2		Representative

4.3 - Biological components

4.3.1 - Plant species

Other noteworthy plant species

Phylum	Scientific name	Position in range / endemism / other
TRACHEOPHYTA/PSILOTOPSIDA	Botrychium lunaria	Species that, altough not red-listed, is in decline and dependent on traditional agricultural landscape.
TRACHEOPHYTA/MAGNOLIOPSIDA	Geranium pusillum	Relatively rare in the region
TRACHEOPHYTA/MAGNOLIOPSIDA	Potentilla verna	Relatively rare in the region, status NT on the national red list.

4.3.2 - Animal species

Other noteworthy animal species

Phylum	Scientific name	Pop. size	Period of pop. est.	% occurrence	Position in range /endemism/other
CHORDATA/AVES	Bucephala clangula				Regularly observed.
CHORDATAVAVES	Sterna paradisaea				
CHORDATA/AVES	Calidris minuta				Regularly observed
CHORDATA/AVES	Charadrius hiaticula				Regularly observed.
CHORDATA/AVES	Somateria spectabilis				Regularly observed.

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)

The site has a slightly oceanic climate with relatively mild winters and wet, but rather warm summers. Annual precipitation is approx. 1000 mm, and the area receives precipitation 200-220 days in a year.

4.4.2 - Geomorphic setting

a) Minimum elevation ab	pove sea level (in metres)	0	
a) Maximum elevation ab	ove sea level (in =		
,	metres)	25	
			river basin
			river basin 🗆
			river basin \square
		•	river basin
	IV.		river basin
			Coastal
4.4.3 - Soil			
			Mineral 🗹
			RIS update No change ©
			information
Are soil types subject to conditio	change as a result ons (e.g., increased	of changing h salinity or aci	ydrological Yes O No
55.14.45	, , , , , , , , , , , , , , , , , , ,	caminy or ac.	amoudony.
4.4.4 - Water regime			
Water permanence Presence?	Changes at RIS	update	
Usually permanent water	Guariges at KIS	upuate	
present			
Source of water that maintains			Changes of DICd-f.
Presence? Marine water	Predominant water	er source (Changes at RIS update No change
			-
Water destination Presence?	Changes at RIS	update	
Marine	No change		
Stability of water regime			
Presence? Water levels fluctuating	Changes at RIS		
(including tidal)	No change	Э	
4.4.5 - Sediment regime	е		
	Se	diment regim	e unknown 🗹
4.4.6 - Water pH			
			Unknown 🗹
4 4 7 10/ " "			
4.4.7 - Water salinity			_
	Euha	iline/Eusaline	(30-40 g/l) ☑
	(Update) Changes at	RIS update No change 🦲
		9	Unknown
4.4.8 - Dissolved or sus	spended nutrien	ts in water	
			Unknown 🗹
4.4.9 - Features of the s	surrounding area	a which ma	y affect the Site
Please describe whether, a			
characteristics in the area	surrounding the Ra	ımsar Site difl	fer from the i) broadly sim site itself:
Surrounding are	ea has greater urba	nisation or de	_
	g area has higher hi		
Surrounding	a area nas higher hi	uman populat	ion density 🗀

RIS for Site no. 311, Tautra and Svaet, Norway

							e
Surrounding	area	has	more	intensive	agricultural	use	B

Surrounding area has significantly different land cover or habitat types $\,\Box\,$

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		

Cultural Services

Ecosystem service	Examples	Importance/Extent/Significance	
Recreation and tourism	Picnics, outings, touring	Medium	
Scientific and educational	Long-term monitoring site	Medium	

Other ecosystem service(s) not included above:

The island is important for agriculture
Historical area with ruins after the Tautra monastry, dating back to 1207.
Nature conservation.

4.5.2 - Social and cultural values

i) the site provides a model of wetland wise use, demonstrating the application of traditional knowledge and methods of management and use that maintain the ecological character of the wetland
ii) the site has exceptional cultural traditions or records of former civilizations that have influenced the ecological character of the wetland
iii) the ecological character of the wetland depends on its interaction with local communities or indigenous peoples
iv) relevant non-material values such as sacred sites are present and their existence is strongly linked with the maintenance of the ecological Character of the wetland

<no data available>

4.6 - Ecological processes

<no data available>

5 - How is the Site managed? (Conservation and management)

5.1 - Land tenure and responsibilities (Managers)

5.1.1 - Land tenure/ownership

				rs	

Category	Within the Ramsar Site	In the surrounding area
National/Federal government		/

Private ownership

Category	Within the Ramsar Site	In the surrounding area
Other types of private/individual owner(s)	2	2

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

The site: Private	

5.1.2 - Management authority

Please list the local office / offices of any agency or organization responsible for	County Governor of Trøndelag
managing the site:	
Provide the name and/or title of the person people with responsibility for the wetland:	County Governor of Trøndelag
Postal address:	Statens hus, Strandveien 38, Steinkjer Pb 2600 N-7734 STEINKJER
E-mail address:	sftlpost@statsforvalteren.no

5.2 - Ecological character threats and responses (Management)

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

Transportation and service corridors

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Roads and railroads	Low impact	Low impact	✓	No change		No change

Natural system modifications

Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
Unspecified/others			✓			

Invasive and other problematic species and genes

invasive and other problematic species and genes							
	Factors adversely affecting site	Actual threat	Potential threat	Within the site	Changes	In the surrounding area	Changes
	Problematic native	Medium impact	Medium impact	✓	No change		No change

Please describe any other threats (optional):

The stone causeway that was built before the area got legal protection closed off the current in Svaet, and caused a reduction in bird numbers, especially common eiders. In addition to this, it allowed predators to reach the island, which was also a threat to the bird population. In 2003 the stone causeway was opened up and partly replaced by a bridge. This allowed some of the flow to return to Svaet. Additionally, a gate has been installed on the bridge to keep out predators. These actions have all in all had a good effect, and even though the common eider population still is smaller than it used to be, the bird population as a whole has recovered well, and the predation is highly reduced.

5.2.2 - Legal conservation status

National legal designations

Designation type	Name of area	Online information url	Overlap with Ramsar Site
bird sanctuary	Tautra & Svaet		whole
nature reserve	Tautra & Svaet		whole

5.2.3 - IL	JCN protect	ed areas	categories ((2008)

Strict Nature Reserve 🗹	
nainly for wilderness protection	lb Wilderness Area: protecte
mainly for ecosystem ection and recreation	Il National Park: protecte
ainly for conservation cecific natural features	Il Natural Monument: protected
rea managed mainly 🕡	V Habitat/Species Managemen for conserva
managed mainly for unation and recreation	/ Protected Landscape/Seasca landscape/
rea managed mainly 🗖	/I Managed Resource Protected

for the sustainable use of natural ecosystems

5.2.4 - Key conservation measures

Legal protection

	Logar protoction		
Measures		Status	
	Legal protection	Implemented	

Species

Measures	Status
Control of invasive alien animals	Implemented

Other

Measures to prevent predation, e.g. avoiding the American mink (Neovison vison) to swim to the island. Also, measures have been done to avoid the vegatation in the Måsdammen pound to overgrow.

5.2.5 - Management planning

Is there a site-specific management plan for the site? No

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 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:

Information booklets

5.2.6 - Planning for restoration

Is there a site-specific restoration plan? No, the site has already been restored

Further information

Please see the section 5.2.1 Factors (actual or likely) adversely affecting the Site's ecological character above.

5.2.7 - Monitoring implemented or proposed

Monitoring	Status	
Plant community	Implemented	
Animal community	Implemented	

Both Norwegian University of Science and Technology (NTNU) an Norwegian Institute for Nature Research (NINA) have been monitoring the island for several years. NINA has been particuarly involved in monitoring the recovery of the Common Eider population after the stone Causeway was opened up. NTNU have mainly focused on the vegetation and managing the Cultural landscape. In 2022, NINA was granted a dispensation to monitor the black-headed gull colony at Måsdammen using a drone.

6 - Additional material

6.1 - Additional reports and documents

6.1.1 - Bibliographical references

Artsdatabanken (2021, 24. november). Norsk rødliste for arter 2021. https://www.artsdatabanken.no/lister/rodlisteforarter/2021/ Saul J. and Frengen O. (1976), Notat om fuglefarinaen pa tantra, Frosta kommune, Nord-Trondelag, DKNUS nurseet i Trondheim Statsforvalteren i Trøndelag. (2022, 9. Juni). Norges største hettemåkekoloni i positiv utvikling. Hentet fra https://www.statsforvalteren.no/nb/Trondelag/Miljo-og-klima/Naturmangfold/hettemaker-i-vekst/

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)

iii. a description of the site in a national or regional wetland inventory

iv. relevant Article 3.2 reports

v. site management plan

vi. other published literature

<2 file(s) uploaded>

6.1.3 - Photograph(s) of the Site

Please provide at least one photograph of the site:



Vista towards the mainland (Ellen Haakonsen Karr, 05-10-2017)



On the bridge to Tautra (

6.1.4 - Designation letter and related data

Designation letter

Date of Designation 1985-07-24