



7 NO 007

Information Sheet on Ramsar Wetlands

As approved by Rec.C.4.7 of the Conference of the Contracting Parties, Montreux, Switzerland - July 1990

NOTE: Please read the accompanying guidelines before attempting to complete this form. An example of a completed data sheet is also included.

Completed sheets should be returned to: T.A. Jones, Ramsar Database, IWRB, Slimbridge, Gloucester GL2 7BX, England

1. Country: NORWAY 2. Date: 23/6 92 3. Ref: office use only NO 007
4. Name and address of compiler: Steinar Eldøy
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NORWAY
5. Name of wetland: ØRLANDET WETLAND SYSTEM
6. Date of Ramsar designation: 24 July 1985
7. Geographical coordinates: 63°42'N, 9°35'E
8. General location: (e.g. administrative region and nearest large town) Four separated wetland areas
on the Tvedelag coast in the municipality of Ørlandet, the county of Sør-Trøndelag
(Central Norway)
9. Area: (in hectares) 2.920 ha (87 ha land area)
10. Wetland type: (see attached classification, also approved by Montreux Rec.C.4.7)
(A) B G H
11. Altitude: (average and/or maximum & minimum)
0-21 m asl
12. Overview: (general summary, in two or three sentences, of the wetland's principal characteristics)
The four areas which comprise the wetland system consist mainly of large
tidal mudflats and shallow marine waters. Belts of seaweed form the outer
edge of the tidal zone and agricultural land border the areas on the land side.
Important for ducks and waders.
13. Physical features: (e.g. geology; geomorphology; origins - natural or artificial; hydrology; soil type; water quality;
water depth; water permanence; fluctuations in water level; tidal variations; catchment area; downstream area; climate)
Clay deposits are predominant in the area. Small areas of
Conglomerate jut out. The climate is oceanic. Annual rainfall
is ca. 1030 mm and average temp. 6,2°C (1936-60)
The sea-water has approximately the same salinity in the
whole area due to the absence of rivers.
14. Ecological features: (main habitats and vegetation types)
Saline-tolerant vegetation takes up large areas of the site.
Only fragments are left of the original natural vegetation
in the adjacent areas (due to agriculture). A great part
of the original area was covered by marshes.

15. Land tenure /ownership of:

(a) site *Mainly private. Partly state land.*

(b) surrounding area *Mainly private*

16. Conservation measures taken: (national category and legal status of protected areas - including any boundary changes which have been made; management practices; whether an officially approved management plan exists and whether it has been implemented)

The area was placed under protection in December 1983. One area is protected as nature reserve, the three other areas are bird sanctuaries. Strict regulations prevent human activity such as building, hunting and drainage in all areas.

17. Conservation measures proposed but not yet implemented: (e.g. management plan in preparation; officially proposed as a protected area etc.)

None known

18. Current land use: principal human activities in:

(a) site *Nature conservation
Harvesting of seaweed*

(b) surroundings/catchment *The immediate surroundings are mainly used for agriculture*

19. Disturbances/threats, including changes in land use and major development projects:

(factors which may have a negative impact on the ecological character of the wetland)

(a) at the site

(b) in the surroundings/catchment

There is a refuse deposit near the border of one of the bird sanctuaries (Instrandsfjæra)

20. Hydrological and physical values: (groundwater recharge, flood control, sediment trapping, shoreline stabilisation etc.)

There is a dike (2 km) along the border of one area (Grandefjæra Nature Reserve), built in order to prevent flooding of agricultural areas.

21. Social and cultural values: (e.g. fisheries production, forestry, religious importance, archaeological site etc.)

22. Noteworthy fauna: (e.g. unique, rare, endangered, abundant or biogeographically important species; include count data etc.)

Internationally important for passage waterfowl.

Rare or endangered species: *Anas querquedula*, *A. acuta*,
A. clypeata, *Aythya marila*, *Cygnus cygnus*, *Crex crex*,
Limnocyptes minimus, *Limicola falcinellus*,
Melanitta nigra.

Abundant, especially in the moulting period:
Melanitta fusca, *Somateria mollissima*.

23. Noteworthy flora: (e.g. unique, rare, endangered, or biogeographically important species/communities etc.)

24. **Current scientific research and facilities:** (e.g. details of current projects; existence of field station etc.)

25. **Current conservation education:** (e.g. visitors centre, hides, information booklet, facilities for school visits etc.)

Information booklet

26. **Current recreation and tourism:** (state if wetland used for recreation/tourism; indicate type & frequency/intensity)

Fylkesmannen i Sør-Trøndelag (The County Governor of
Sør-Trøndelag)
Statens hus
N-7005 Trondheim
NORWAY

27. **Management authority:** (name and address of body responsible for managing the wetland)

28. **Jurisdiction:** (territorial e.g. state/region and functional e.g. Dept of Agriculture/Dept of Environment etc.)

29. **Bibliographical references:** (scientific/technical only)

Bewanger, K. and Freyzer, O. (1979). Ornithologiske
vareverdier i Ørland kommunes våtmarksområde,
Sør-Trøndelag. K. norske Vidensk. Selsk. Mus. Rapport
zool. 1:1-93

30. **Reasons for inclusion:** (state which Ramsar criteria - as adopted by Rec.C.4.15 of the Montreux Conference - are applicable)

1c
3b

31. **Map of site** (please enclose the most detailed and up-to-date map available - preferably at least 1:25,000 or 1:50,000)

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