

Information Sheet on Ramsar Wetlands

Categories approved by Recommendation 4.7 of the Conference of the Contracting Parties.

NOTE: It is important that you read the accompanying *Explanatory Note and Guidelines* document before completing this form.

1. Date this sheet was completed/updated:

April 2002

FOR OFFICE USE ONLY.

DD	MM	YY

Designation date

--	--	--	--	--	--	--	--

Site Reference Number

2. Country:

Sweden

3. Name of wetland:

Dumme mosse

4. Geographical coordinates:

57°47'N, 014°1'E

5. Altitude: (average and/or max. & min.)

215 - 235 m

6. Area: (in hectares)

3 350 ha

7. Overview: (general summary, in two or three sentences, of the wetland's principal characteristics)

Dumme mosse is a large, diverse mire complex representative for the region and with great ornithological and hydrological values. The flora includes species that are less common in southern Sweden.

8. Wetland Type (please circle the applicable codes for wetland types as listed in Annex I of the *Explanatory Note and Guidelines* document.)

marine-coastal: A . B . C . D . E . F . G . H . I . J . K

inland: L . M . N . Q . P . Q . R . Sp . Ss . Tp . Ts
. U . Va . Vt . W . Xf . Xp . Y . Zg . Zk

man-made: 1 . 2 . 3 . 4 . 5 . 6 . 7 . 8 . 9

Please now rank these wetland types by listing them from the most to the least dominant: U, Xp, O

9. Ramsar Criteria: (please circle the applicable criteria; see point 12, next page.)

1 . 2 . 3 . 4 . 5 . 6 . 7 . 8

Please specify the most significant criterion applicable to the site: 1

10. Map of site included? Please tick *yes* -or- *no*

(Please refer to the *Explanatory Note and Guidelines* document for information regarding desirable map traits).

11. Name and address of the compiler of this form:

Isabell Olevall, Swedish Environmental Protection Agency, S-106 48 Stockholm, Sweden

Eva Nohlgren, County Administrative Board of Gävleborg, S- 801 70 Gävle, Sweden

Torsten Larsson, Swedish EPA, S-106 48 Stockholm, Sweden

Please provide additional information on each of the following categories by attaching extra pages (please limit extra pages to no more than 10):

12. Justification of the criteria selected under point 9, on previous page. (Please refer to Annex II in the *Explanatory Note and Guidelines* document).

1. A representative example of a natural wetland type (none-forested peatland) in the EU Boreal region
 2. Supports 6 nationally redlisted bird species and 1 cryptogam species
 3. Supports particular elements of biological diversity that are characteristic of the Boreal region
-

13. General location: (include the nearest large town and its administrative region)

The site consists of a mire complex situated 8 km west of the city of Jönköping, in the County of Jönköping, south central Sweden. Jönköping, Habo.

14. 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)

Dumme mosse is a very large wetland complex, situated in a sandy flatland area containing eskers. In the northern end of the site, the complex borders on the regulated Domneå dam. The dam is an important nesting and resting-place for ducks and waders.

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

By large unaffected by human activities which contributes to the maintenance of water quality.

16. Ecological features: (main habitats and vegetation types)

The site is dominated by different kinds of treeless peat bogs, such as eccentric bog, sloping bog, plateau-shaped raised bog and slightly raised bog. Among other wetland types represented in the site are topogenous fen, wetland forest, wet meadow, shoreline meadow, soaks, pools and small lakes. There is also a large mosaic-like area made up by a mixture of dry and wet forests and mire.

17. Noteworthy flora: (indicating, e.g., which species/communities are unique, rare, endangered or biogeographically important, etc)

The flora is interesting because it contains species that are more common in quite other parts of the country like the cross-leaved heath *Erica tetralix* and bog asphodel *Narthecium ossifragum* (both western species) wild rosemary *Rhododendron tomentosum/Ledum palustre* (eastern species) and dwarf birch *Betula nana* (northern species). There are also some orchid species in the site. The moss *Hamatocaulis vernicosus* is nationally redlisted and included in the EU Habitats directive.

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

Bird life on the peat bogs is typical, but not very rich. Among the species observed in the whole Ramsar site the following are nationally redlisted: The jack snipe *Lymnocyptes minimus*, nightjar *Caprimulgus europaeus* (EU Birds directive species), yellow wagtail *Motacilla flava flava*, curlew *Numenius arquata*, red-throated diver *Gavia stellata* (EU Birds directive species) and stock dove *Columba oenas*, all of them nesting. Also some additional species of the Birds directive are nesting in the site, such as the crane *Grus grus*, ruff *Philomachus pugnax*, golden plover *Pluvialis apricaria* and whooping swan *Cygnus cygnus*. The most spectacular part of the site in terms of birds, is the open water area to the north. In this part of the site, 164 bird species have been observed, of which 90 are nesting fairly regularly. Large numbers of birds rest at the dam when migrating north in the spring.

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

None known.

20. Land tenure/ownership of: (a) site (b) surrounding area

(a) Protected areas are owned privately, by municipality, by Forest Company and the state.

(b) Mainly owned privately.

21. Current land use: (a) site (b) surroundings/catchment

(a) None.

(b) Forestry, agriculture and airport.

22. Factors (past, present or potential) adversely affecting the site's ecological character, including changes in land use and development projects: (a) at the site (b) around the site

(a) Marginal impacts from old time peat excavations and ditching.

(b) One potential factor is drainage close to the site, since this is very likely to affect the conditions in the mire itself.

23. 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)

There is one nature reserve within the site; Dumme mosse Nature Reserve - 2865 ha. Protected since 1998. Owned privately, by municipality, by a forest company (ASSI) and by the state. Management plan exists.

There is one bird sanctuary within the site: Domneådammen Bird Sanctuary - 403 ha, partly overlapping with the nature reserve.

The site is included in the National Mire Protection Plan.

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

The site is classified/proposed in the European network Natura 2000 as SPA and SCI:

SE0310221 Dumme mosse (2 938ha)

SE0310530 Dumme mosse norra (195 ha)

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

No activities.

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

There is a hiking trail through the site and also an outdoors-informational display. There is a pamphlet about the nature reserve.

27. Current recreation and tourism: (state if wetland is used for recreation/tourism; indicate type and frequency/intensity)

The scenic beauty of the area is high and together with the zoological, geological and botanical values, it attracts many visitors to the site.

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

County Administrative Board of Jönköping

29. Management authority: (name and address of local body directly responsible for managing the wetland)

County Administrative Board of Jönköping

S-551 86 Jönköping

Sweden

30. Bibliographical references: (scientific/technical only)

Göransson, C. m.fl. 1983. Våtmarksinventering i sydvästra Sverige. Katalog över särskilt värdefulla objekt. Statens naturvårdsverk, PM 1681.

Johansson, S. 1975. Dumme mosse Jönköpings kommun. Botanisk inventering, växtekologisk kartering. Länsstyrelsen i Jönköpings län, naturvårdsenheten.
Länsstyrelsen i Jönköpings län. 1996. Våtmarker i Jönköpings kommun. Meddelande 18/96.
Naturvårdsverket. 1994. Myrskyddsplan för Sverige.
Ornitologiska klubben Bankeryd. 1975. Dumme mosse Jönköpings kommun. Länsstyrelsen i Jönköpings län, naturvårdsenheten.

Please return to: **Ramsar Convention Bureau, Rue Mauverney 28, CH-1196 GLAND, Switzerland**
Telephone: +41 22 999 0170 • Fax: +41 22 999 0169 • e-mail: ramsar@hq.iucn.org