



3SK004

# 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 GL 2 7BX, England

1. Country: The Czech and Slovak Federal Republic 2. Date: 30.9.19923. Ref: 3SK004 office use only

4. Name and address of compiler:

Phone : 42-91-241-79

Dr. Jana Buđayová, Dr. Ema Gojdičová

Fax : 42-91-241-79

Regional Centre of Nature Protection, Prešov

5. Name of wetland: Senné - rybníky (Senné - ponds)

6. Date of Ramsar designation:

7. Geographical coordinates: 48°11' N , 022°04' E

8. General location: (e.g. administrative region and nearest large town)

Eastern Slovakia, 13 km SE from Michalovce town.

9. Area: (in hectares)

213,31 ha (State Nature Reserve) and 211,28 ha (protective zone)

10. Wetland type: (see attached classification, also approved by Montreux Rec.C.4.7)

1, 2

11. Altitude: (average and/or maximum & minimum)

101 - 102 m above sea level

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

The area consists of two parts - one no productive pond (State Nature Reserve) and two farm ponds. The reserve is internationally important for aquatic birds, especially for nesting birds. During springing and autumnal birds pull the farm ponds are granting food and a rest.

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) The area arised in the place of natural wetland, where the artificial ponds were created. Water level is constant in the reserve and in the farm ponds the water level fluctuates. Water depth fluctuates: 60-150 cm. The area belongs to warm, moderately dry zone with cold winter. annual rainfall : 650 mm dominant wind: N-S Number of the summer days : 60 number of the frosty days : 120 number of days with snow cover to 30 cm : 50

14. Ecological features: (main habitats and vegetation types) Vegetation in the site depends

mainly on the water level and its fluctuation. A wide scale of plant communities was recorded in the open water surfaces and their herbaceous edges. The wide spread plant communities consist of the classes Lemneta, Potametea, Phragmiti-Magnocaricetea. There are meadows and pastures on the borders site and plant communities belong to the class Molinio-Arrhenatheretea.

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## 15. Land tenure /ownership of:

(a) site Regional Centre of Nature Protection in Prešov

(b) surrounding area The Czecho-Slovak state-2 farm ponds, a small private owners - meadows and pastures.

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## 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)

From the whole area of the wetland, the State Nature Reserve "Senné-ponds" creates a substantial part with extent 213, 31 ha. The reserve was established on 27.5.1974 with Declaration Ministry of Culture of the Slovak Republic. An officinally approved management plan does not exist. In the special cases management in the State Nature Reserve "Senné ponds" recures Regional Centre of Nature Protection in Prešov ~~together with East - Slovak Ornithology Club in Michalovce~~

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

In the 1991 East - Slovak Ornithology Club worked out "The proposal for complete conservation (management) in the State Nature Reserve "Senné - ponds" and a surrounding area in the village Iňačovce". This proposal has not been received by the appropriate government authorities sofar.

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## 18. Current land use: principal human activities in:

(a) site There are 4 villages in the area with about 6 thousand inhabitants.  
nature protection, fishing

(b) surroundings/catchment

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## 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 unlawful fishing and hunting, water polution, unlawful letting out of the pond.

(b) in the surroundings/catchment

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

The ponds are supplied with water of the river Okna. There is a system of canals, it is possible to regulate water level in the ponds.

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

The area is a site of special scientific interest (ornithology), important for conservation and education.

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

Endangered species :

Ardea purpurea 10-20 pairs  
 Phalacrocorax carbo 100 pairs  
 Botaurus stellaris 3-5 pairs

Other species : Egretta alba,

Egretta garzetta, Chlidonias hybrida,  
 Nycticorax nycticorax

Vulnerable species :

Ardea cinerea 20 pairs  
 Ixobrychus minutus 5 pairs

Migrant species : Tringa nebularia,

Philomachus pugnax, Actitis hypoleucos, Sterna caspia

Rare species :

Panurus biarmicus 5-10 pairs

Indeterminate species:

Circus aeruginosus 15 pairs  
 Podiceps nigricollis 50 pairs

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

The area is important because of frequent occurrence of many rare, endangered and protected plant species namely :

Bidens cernua  
 Butomus umbellatus  
 Gratiola officinalis  
 Marsillea quadrifolia

Najas marina  
 Sagittaria sagittifolia  
 Veronica longifolia  
 Utricularia vulgaris

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

Some scientific research projects are carried out by the Ministry of Environment as for example : Genofond - mapping of the ecologically stable ecosystems. The current ornithology research is realized every year.

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

The area has high educational potential from the point of view of nature conservation and ecological education. Regional Centre of Nature Protection publishes some information booklets.

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

The area is not used for recreation, tourism.

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

Regional Centre of Nature Protection in Prešov,  
Hlavná 93, 080 01 Prešov Phone : 42-91-327-13

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

Regional Centre of Nature Protection in Prešov  
District and local governments in Michalovce, Sobrance  
Ministeries of Agriculture and Forestry, Environment.

**29. Bibliographical references:** (scientific/technical only) Voskár, J., 1970: Proposal for Declaration of the State Nature Reserve "Senné-ponds". Regional Centre of Nature Protection, Prešov.

Voskár, J., 1978 : Influence of building ponds area in Iňačovce village on the avifauna in the State Nature Reserve.

Danko, Š., 1991: The proposal for complete conservation (management) in the State Nature Reserve "Senné-ponds" and a surrounding area in

the village Iňačovce - no published. Sedláček, K., 1988: Red Book I (Birds) Praha

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

Ramsar Criteria used for the area are : 2 a, 3 b.

**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)