



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: CZECHOSLOVAKIA 2. Date: 24.9.1992 3. Ref: office use only 3SK001

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5. Name of wetland: STATE NATURE RESERVE ŠŮR

6. Date of Ramsar designation:

7. Geographical coordinates: 48° 15' N 17° 13' E

8. General location: (e.g. administrative region and nearest large town) South-west part of Slovakia,
district Bratislava-vidiek, the nearest town Svätý Jur

9. Area: (in hectares) 831,39 ha + 305,23 ha protective zone

10. Wetland type: (see attached classification, also approved by Montreux Rec.C.4.7)
X, 1, 7, partly 5

11. Altitude: (average and/or maximum & minimum)
About 130 meters above mean sea level

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

Paludal alder-grove (*Carici elongatae* - *Alnetum*) in a ground depression at the Danubian lowlands with transition to woodland, swampy meadows and even thermophile oak-woods. The best-preserved alder virgin forest in Slovakia.

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 locality is situated in the boundary zone between the Podunajská nížina (plain) and the Malé Karpaty mts. Neogene is represented by the sediments of the Panonian basin lime - clays). It is covered by pleistocene gravels and holocene aluvial sand and gravel sediments of the Danube river and Malé Karpaty streams. The soil types in the centre of the Šúr woodland and of the surrounding meadows are represented especially by peats. The average yearly temperature is 9,6°C (average temp. in January: -1,6°C, in July: +20,1°C). Yearly average of precipitation is 650 mm (in July: 70 mm, in February: 33 mm).

The main source of water in the Šúr woodland are the underground waters of Malé Karpaty slope sediments and the surface waters of the Blahutov kanál (canal) and of the Čierna voda.

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

The nature reserve consist of four main habitats:

a) Šúr woodland - an isolated complex of swampy forest in the middle of swampy meadows. It is represented mainly by the community of *Carici elongatae* - *Alnetum medioeuropaeum*, which is flooded periodically by the system of canals.

(Cont. on separate paper.)

To point 14:

b) Swampy meadows - their character depends on the level of the underground water. The most common communities belong to the unions of Phragmition, Glycerieto - Sparganion, Magnocari-cion.

c) Water areas - represented by a fish-pond and a gravel pit - they are very important biotope of many freshwater-animals (fish, amphibians) and the resting-site for many water-birds.

d) "Panonian" grove - a complex of thermophile wood and wood-steppe communities with the domination of Quercus robur, Quercus cerris.

All these types of habitats create a complex of various biotopes which are characterized by the occurrence of many protected and threatened species of plants and animals.

15. Land tenure /ownership of:

- (a) site Most of the area is in the state or cooperative ownership. Just now is also ongoing process of reprivatization in this territory. Currently, the process of reprivatization is taking place there.
- (b) surrounding area

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 is protected by law in the category "State Nature Reserve."
The plan of the management is prepared in connection, preparing
a new law for State Nature Conservation. with

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

As in 16.

18. Current land use: principal human activities in:

- (a) site Forestry, agriculture, fishing, hunting, recreation-gardens.
- (b) surroundings/catchment Agriculture, recreation-gardens.

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
- pollution by solid, chemical and organic matters from industry, agriculture, recreation (gardens)
 - fell and grubbing trees
 - introduction of allochthonous trees
 - cottages of recreation-gardens
- (b) in the surroundings/catchment
- drainage
 - the same as in (a)

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

The nature terrain depression at the bottom of Malé Karpaty mts.
The accumulation of the surrounding waters.

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

Important for preserving the genofond diversity, for the ecostability of the country, for the conservation education and for the scientific research.

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

Cerambyx cerdo, *Parnassius mnemosyne*, *Mantis religiosa*, *Lucanus cervus*; *Pelobates fuscus*, *Triturus cristatus*, *Hyla arborea*; *Lacerta agilis*, *Anguis fragilis*, *Elaphe longissima*, *Coronella austriaca*.

Aquila heliaca, *Milvus migrans*, *Circus aeruginosus*, *Pernis apivorus*, *Ciconia nigra*, *Ixobrychus minutus*, *Botaurus stellaris*, *Oriolus oriolus*, *Ardea cinerea*, *Anser anser*, *Netta rufina*, *Aythya ferina*, *Aythya fuligula*, *Porzana porzana*, *Porzana parva*, *Luscinia svecica*;

Crocidura leucodon, *Neomys anomalus*.

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

Leucjum aestivum, *Cornus mas*, *Lathyrus pannonicus*, *Iris sibirica*, *Althaea officinalis*, *Nuphar luteum*, *Artemisia monogyna*, *Dactylorhiza incarnata*, *Euphorbia sequieriana*, *Lathyrus pannonicus*, *Leucanthemella serotina*, *Orchis palustris*, *Aster canus*, *Aster tripolium*, *Iris sibirica*, *Orchis morio*, *Plantago maritima*, *Plantago altissima*, *Thalictrum flavum*.

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

There exist a project of bringing water to the reserve in connection with the drainage system built up in the past. Some research projects are realized by the Faculty of Natural Sciences of Comenius University in Bratislava. That Faculty has also a field-station there.

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

The excursions for schools and visitors can be organized in cooperation with the field-station of Regional Centre of Nature Protection in Bratislava. The practice of the students in the reserve is organized by the field-station of Comenius University.

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

There exist no touristic tracts or centres in the reserve - the tourism is possible only in the surrounding area on existing ways.

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

The Regional Centre of Nature Protection in Bratislava:

Stredisko štátnej ochrany prírody
P.O.Box 248
CS-81499 Bratislava

Phone: +42-7-312541

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

Regional Centre of Nature Protection in Bratislava.

District Office for Environment, Bratislava-vidiek.

29. Bibliographical references: (scientific/technical only)

PETRLÍK, František: Jurský Šúr. Ed. by SAV (Slovak Academy of Sciences), Bratislava 1968. 111 p.

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

1 (a)
2 (a) 2 (b) 2 (c)
3 (a)

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)