

# 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:

Completed: during 80's, updated: 15.11. 1998.

FOR OFFICE USE ONLY.

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Designation date

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Site Reference Number

## 2. Country:

Hungary

## 3. Name of wetland: Szaporca, Ó-Dráva meder

## 4. Geographical coordinates: 45° 50' N, 18° 06' E

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

Between 92.5 and 93.5 m over Baltic Sea level.

## 6. Area: (in hectares) 257 ha

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

The wetland site covers the territory of an ox-bow lake that developed naturally from the main channel of the river Drava. Before regulation of the river the site was flooded regularly. River regulation created permanent separation between the river and its former riverbed. Various wetland-habitats along this fragmented riverbed represents well the different stages of biological succession.

## 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: O-Permanent freshwater lakes including oxbow lakes

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

1a · 1b · 1c · 1d | 2a · 2b · 2c · 2d | 3a · 3b · 3c | 4a · 4b

Please specify the most significant criterion applicable to the site: 1b, 2b, 3b

## 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:

Szabolcs Závodszy, Duna-Dráva National Park Directorate  
7625 Pécs, Tettye tér 9., Hungary.  
Tel.: +36 72 213 263, fax: +36 72 210 747

*Please provide additional information on each of the following categories by attaching*

***extra pages (please limit extra pages to no more than 10):***

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

1b: typical natural oxbow lake with marshy meadows.

2b: important breeding site for waterfowl. See point 17 and 18.

3b: see point 18.

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

County of Baranya, south-west from town of Pécs.

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**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)

Climate

Climate of this area is moderately warm and wet. Total hours of sunshine is around 1950 annually of which 800-830 are in summer, and 190-210 in winter respectively. Yearly mean temperature varies between 10.6-10.8 °C. along with 17.4 °C mean in vegetation period. Total precipitation yearly is about 680 mm. Evapo-transpiration in the vegetation period is almost the same, about 400 mm.

Hydrography

The hydrography of the oxbows are inextricably linked to the river Dráva. The narrow left-side valley-plain of the Dráva belongs to the catchment of the site. According to the hydrographical classification the site is moderate wet with surplus water. River Dráva may floods the area in summer and in autumn however the area characterised by relatively low water in winter. Local watercourses usually carry much water at the beginning of summer.

Soils

Soils associated with riverine ecosystem are predominantly present along the river Dráva floodplain (83 %). Bedrock types are usually clay or sandy clay. Its calcium carbonate content varies widely.

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

Water supply is managed through sluices that are connected to the river Dráva. Groundwater recharge also plays important role in the management of water level of the wetland site.

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

As a complex riverine ecosystem, the wetland site offers appropriate feeding, breeding and habitats for living creatures. Ecological processes are still complete and human interference is not significant.

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

In botanical sense the wetland belongs to the Titelicum in Eupannonicum of the larger area of Pannonicum. Most important associations are soft wood gallery forests (*Salicetum albae-fragilis*), willow-poplar gallery forests (*Saliceto-Populetum*) and hard wood gallery forests (*Fraxino pannonicae-Ulmetum*). Characteristic plants are : *Iris pseudacorus*, *Carex strigosa*, *Dryopteris carthusiana* The most noteworthy vegetation types of the area are related to oxbow lakes with associations of *Nymphoides peltata*, *Nymphaea alba*, *Stratiotes aloides*, *Salvia natans*, *Trapa natans*, and the surrounding softwood gallery forests. Further plant species that may require significance:

*Hottonia palustris*

*Urtica kioviensis*

*Stratiodes aloides*

*Carpesium abrantoides*

*Sagittaria sagittifolia*

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

*Tachybaptus rufocollis*

*Nycticorax nycticorax*

*Ixobrychus minutus*

*Botaurus stellaris*

*Ciconia ciconia*

*Ciconia nigra*

*Aythya nyroca*

*Circus aeruginosus*

*Accipiter gentilis*

*Accipiter nisus*

*Milvus migrans*

*Buteo buteo*

*Falco subbuteo*

*Falco vespertinus*

*Coturnix coturnix*

*Rallus aquaticus*

*Gallinula chloropus*

*Cuculus canorus*

*Tyto alba*

*Strix aluco*

*Alcedo atthis*

*Coracias garrulus*

*Merops apiaster*

*Upupa epops*

*Picus viridis*

*Dryocopus maritus*

*Dendrocopus major*

*Dendrocopus minor*

*Galerida cristata*

*Alaunda arvensis*

*Riparia riparia*

*Oriolus oriolus*

*Remiz pendulinus*

*Sitta europea*

*Saxicola torquata*

Luscinia megarhynchos  
 Locustella luscinioides  
 Sylvia nisoria  
 Sylvia communis

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

**20. Land tenure/ownership of:**

- (a) site Hungarian State: 167 ha, Duna-Dráva National Park Directorate 57 ha, private 29 ha, other 4 ha,  
 (b) surrounding area: cooperative farms or privately owned

**21. Current land use:**

- (a) on the site:

	Arable land	Grassland	Marshland	Forest	Fallow	Other	Total
Szaporca, Ó-Dráva meder	84 ha	30 ha	52 ha	62 ha	10 ha	17 ha	257 ha

- (b) surroundings/catchment plough lands, hay production, other agricultural activities.

**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: water regulation carried out between 1986-1990 had a negative impact on the wetland site.  
 There is a strong pressure of anglers on the wetland especially at Lake Kisinci.  
 (b) Intensified agricultural activities in the surrounding resulted in decline of water quality.

**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)

The area has been designated as a Ramsar Site since 1979 and as a core area of Duna-Dráva NP since 1996.

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

Planned management measures: restoration of previous water regime of river Dráva. Feasibility studies are under preparation. A detailed management plan is to be completed by the end of 1998.

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

A map depicting habitat types of the site is under preparation. A monitoring programme is to be developed.

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

Trips are organised to demonstrate the values and functions of the wetland by the Duna-Dráva National Park Directorate.

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

Annually an estimated number of few hundred tourists visit the site mainly in summer.

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

On the wetland municipality of Szaporca village and national Park Directorate are responsible authorities.

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

Duna-Dráva National Park Directorate

7625 Pécs, Tettye tér 9., Hungary.

Tel.:+36 72 213 263, fax: +36 72 210 747

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

At Duna-Dráva NP directorate can be found a lot.

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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](mailto:ramsar@hq.iucn.org)