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344004

Information Sheet on Ramsar Wetlands

As approved by Rec.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: Hungary 2. Date: 02.09.1992. 3. Ref.: (office use only) 344004

4. Name and Address of compiler Anikó Kocsis

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Central-Trans-Danubian Nature Conservation Directorate/NANC/MERP

5. Name of wetland: Kis-Balaton

6. Date of Ramsar designation: 11/04/79.

7. Geographical coordinates: 46° 40' N 017 015' E

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

In county of Somogy near Vörs village. The reservoir part is in Zala county surrounded by Zalavár-Zalaszabad-Nagyrada- Garabonc-Balatonmagyaród villages.

9. Area: (in hectares) 14,745

10. Wetland type: (see attached classification, also approved by Montreux Rec.C.4,7) S, 6 /shallow reservoir/

11. Altitude: (average and/or maximum and minimum) maximum 106 m

average 104,7 m

minimum 103,4 m above Baltic Sea level

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

On the area the human intervention started in 1922. In 1929 the drainage works were finished. The filling-up of surrounding areas with organic and inorganic matters caused a decline in water quality, necessitating reconstruction work. This has been finished already on 2000 hectares.

13. Physical features: (e.g. geology; geomorphology; origins-natural or artificial; hydrology; soil type; water quality; water dept; water permanence; fluctuations in water level; tidal variations; catchment area; downstream area; climate)

The average depth of the marshland after-draining is 0,8 meter, average temperature C 15 degrees, the openwater surface 12 hectars, the remaining area is covered by huge reed-beds. The reservoir part was inundated in 1985. Average depth approximately 1,6 m, with slow-flowing water.

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

Main habitats: soft-wooded type gallery forest, reeds marsh, openwater body
Vegetation types: Saliceto-Populetum, Phragmitetum, Nymphaetum albo-luteae

15. Land tenure/ownership of:

- (a) site: all state owned
- (b) surrounding area: owned by farmers cooperatives

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 plan exists and whether it has been implemented)

The legal status of the area is Landscape Protection Area. A basic management plan for the area exists. Admittance to the area only with permission issued by the Nature Conservation Directorate.

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

A management and development plan has to be prepared.

18. Current land use: principal human activities in:

- (a) site: extensive fishing, reed harvesting
- (b) surroundings/catchment : agricultural activities, limited forestry activities

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: **on the reservoir part intensive siltation, inadequate technology of fishing**

(b) in the surroundings/catchment **increased use of agrochemicals**

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

removing of Nitrogen and Phosphorous from the water of River Zala, sediment trapping. Shoreline stabilization on 50 % of the area.

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

Some fish production can be mentioned and a limited forestry production.

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

Anser fabalis - Bean Goose, Anser anser - Grey-lag Goose, Anas platyrhynchos - Mallard, Egretta alba - Great White Egret, Egretta garzetta - Little Egret, Ardeola ralloides - Squacco Heron, Platalea leucorodia - Spoonbill, Ciconia nigra - Black Stork, Haliaeetus albicilla - White-tailed Eagle

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

Iris pseudacorus, Nyphaea alba, Nuphar Luteum

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

The complex survey of basic natural status which is a countywide program is going on, together with the second phase of reconstruction works which will add 5000 hectares to the area.

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

Two observation towers are serving the visit of school- and specialized groups, they have to accompanied by guide.

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

On the edge of the area there is one Island /Kányavár/

which can be freely visited. There are directing panels and observation towers. In 1991 there were 15,000 visitors.

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

Central-Trans-Danubian Nature Conservation Directorate, H-8200 Veszprém Vár u. 31.

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

Same as point 27. The first instant authority of the Ministry for Environment and Regional Policy .

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

At the Nature Conservation Directorate there is a Bibliography including 900 titles

30. **Reasons for inclusion:** (state which Ramsar criteria - as adopted by Rec.C4.15 of the Montreux Conference - are applicable)

1 a

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)

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