

# Information Sheet on Ramsar Wetlands

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

1. Date this sheet was completed/updated: 5 July 1998

2. Country: **Ukraine**

3. Name of wetland: ***Northern Part of the Dniester Liman***

4. Geographical coordinates: 46°22'N 30°12' E

5. Altitude (average and/or max. & min.) 0.4-0.6 m

6. Area: (in hectares) 20,000 ha

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

This site includes the Dniester River delta with streams and floodplain lakes, near-bed peninsulas and floating plants and northern part of the Dniester Liman of a half-opened type. Total amount of a nesting ornithocomplex - up to 3 000 pairs. Seasonal conglomerations by numbers up to 20 000 individuals are on the large floodplain lakes, places of free water, aquatic areas of liman and in bordering agrocoenoses.

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

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

inland: **L** • M • N • O • **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: **L, P, K**

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

1a • 1b • **1c** • 1d | 2a • 2b • **2c** • 2d | **3a** • **3b** • 3c | 4a • 4b

Please specify the most significant criterion applicable to the site: **2c, 3a**

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

On the page together with Ramsar wetland site 'Dniester-Turunchuk Crossrivers Area'

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

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Under support of the Central Board of National Nature Parks and Reserve Affairs (Director: Mykola P. Stetsenko), Ministry for Environmental Protection and Nuclear Safety of Ukraine / 1, Timiriazevska Street, Central Botanical Garden, Kyiv, 252014, UKRAINE. Tel/Fax 380 44- 295 26 47. E-mail <parcs@parcs.FreeNet.Kiev.UA>

12. Justification of the criteria selected under point 9 (please refer to Annex 11 in the *Explanatory Note and Guidelines* document)

1a. Typical for north-west near Black Sea area liman in river mouth of large river.

2c. In the site there are necessary conditions for nest of different waterfowl, and also for wintering of birds of *Anseriformes*, *Gruiformes* and *Pelecaniformes*.

3a. During the year in the site regularly more than 20 000 individuals of waterfowl are found.

3b. In the site breeding, wintering and migration of birds of *Anseriformes*, *Charadriiformes* and *Ciconiiformes*, which are indicators of environment quality of reservoir.

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

Northern Part of the Dniester Liman is a part of the Dniester Liman, which is the estuary of the Dniester River. This wetland site is situated in Odeska Oblast of Ukraine in border with Moldova, closed to Ramsar wetland site 'Dniester-Turunchuk Crossrivers Area'.

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)

This site includes the Dniester River delta with streams and floodplain lakes, near-bed peninsulas and floating plants and northern part of the Dniester Liman of a half-opened type.

Western and east coasts of liman are abrupt, with lake downturn; on northern coast accumulative peninsulas with reed-swamp vegetation are pass.

The catchment area of Liman is 75200 square km; volume of a liman is 673-733 million of cubic meters; the area of a water mirror is 360-408 square km; length is 42.5 km; maximum width is 12 km; average depth 1.8 m; the maximum depth is 2.7 m.

The climate is temperate continental with short mild winter and long hot summer, precipitation equal to 300-400 mm/year while evaporation is 800-900 mm. Sometimes the liman is covered with ice (no longer than one month).

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

Use of water for watering of agricultural sites, supply by drinking water of Odesa and many finer localities. Plays the important role in realization of river transport transportations.

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

Main places of a breeding: reed thickets, islands of a floodplain woods, places of free water with a floating vegetation, reed thickets with shrubs in the northern part of liman. On northern coast of liman reed-swamp vegetation is developed on conglomeration ridges, eroded by Dniester water.

Total amount of a nesting ornithocomplex is up to 3 000 pairs. Seasonal conglomeration by numbers up to 20 000 individuals are on the large floodplain lakes, places of free water, aquatic area of liman and in bordering agrocoenoses.

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

There are species from the Red Data Book of Ukraine: *Aldrovanda vesiculosa*, *Leucojum aestivum*, *Salvinia natans* and *Trapa natans*.

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

Following species are the dominants on nesting: *Fulica atra* — 700, *Egretta alba* — 80, *Anas platyrhynchos* — 200, *Podiceps cristatus* — 300, *Cygnus olor* — 60, *Larus ridibundus* — 120.

Species from the Red Data Book of Ukraine: mollusc *Turricaspia lincta*, fish *Acipenser ruthenus*, *Huso huso ponticus*, *Umbra krameri*, *Zingel zingel*, birds *Pelecanus crispus* (800 individuals), *Pelecanus onocrotalus* (500 individuals) as well as *Egretta alba* (80 breeding pairs).

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

Important for ecological education, recreation and scientific research. Traditional place of fishing for the local population. The important water transport artery, connecting port Ust-Dunaisk to ports of Ukraine and other near-Danube countries.

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

(a) site: State and collective ownership

(b) surrounding area: State, collective and private ownership

**21. Current land use:**

(a) site: There is some limited and controlled exploitation of natural resources at the site - hunting, fishing, recreation, taking away of water for men use and irrigation etc.).

(b) surroundings/catchment area: the same and traditional farming, including grazing of cattle and sheep, grape-making, irrigation etc.

**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: Disturbance with recreation and commercial fishing activities are the main unfavorable human influences for waterfowl. The fishing sites coincide with the main breeding, feeding and resting sites of birds. This causes both disturbance and loss of waterfowl due to permanent deployment of fishing tackle. There is also sometime illegal fishing within the wetland, and night spot light poaching of frogs. As a result of all disturbances, the wetland hosts less waterfowl than its capacity allows. Mass moving in the Dniester River is lake of exotic fish as *Hypophthalmichthys molitrix* and *Ctenopharyngodon idella* is unfavorable factor for native species of Pisces.

(a) around the site: There is some pollution of drainage waters from agricultural places in result of irrigation.

**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)

Using of natural resources is limited and controlled.

Part of Liman — the Game Reserve of the Military Society of Fishermen and Hunters.

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

Project of creation of Lower Dniester National Nature Park is in elaboration.

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

The scientific researches will be carried out by research institutes of the National Academy of Sciences of Ukraine (Institute of

Botany, Institute of Zoology, Institute of Biology of Southern Seas), Hydrometeorological Institute of Odesa, Mechnikov State University of Odesa.

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

There is nature protecting education within the framework of the program of a comprehensive school. There is distribution of the information booklets, posters etc. too. There are lectures and publications of the experts of nature protecting and scientific establishments for the local population.

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

There are favourite places of rest of the inhabitants of Odesa and other nearby localities.

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

Territorial: local Soviets of the Deputies.

Functional jurisdiction: regional administrative authorities of different sectors: State Committee of Forestry (forest use and hunting), Ministry of Agricultural Industry Complexes of Ukraine (farming), State Committee of Fishery (fishing), State Committee of Water Resources (water using) etc.

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

Land and Resource Users (organizations and institutions and citizens) and local authorities are executive bodies for environment protection. State Department of Ecological Safety in Odeska Oblast (Director: Inesa D. Loeva. Address: 83 Sverdlov Str., 270 107 Odesa, UKRAINE. Tel./Fax: +380 482 25-13-22. E-mail: <postmaster@eco14.FreeNet.Kiev.UA>) carries out state control for this protection.

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

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