

# Report on the main results of the surveillance under article 17 for annex I habitat types (Annex D)

CODE: 3150

NAME: Natural eutrophic lakes with Magnopotamion or Hydrocharition — type vegetation

## 1. National Level

### 1.1 Maps

1.1.1 Distribution Map	Yes
1.1.2 Distribution Method	Estimate based on partial data with some extrapolation and/or modelling (2)
1.1.3 Year or period	2007-2012
1.1.4 Additional map	No
1.1.5 Range Map	Yes

## 2. Biogeographical Or Marine Level

### 2.1 Biogeographical Region

#### Pannonian (PAN)

### 2.2 Published

Bölöni J., Molnár Zs. & Kun A (2011): Magyarország Élőhelyei Vegetációtípusok leírása és határozója ÁNÉR 2011: MTA Ökológiai és Botanikai Kutatóintézete, Vácrátót.

Molnár, Zs., M. Biró, J. Bölöni & F. Horváth (2008): Distribution of the (semi-)natural habitats in Hungary I.: Marshes and grasslands, Acta Botanica Hungarica 50 (Suppl): 59-105.

A Nemzeti Biodiverzitás-monitorozó Rendszer keretében 2007-2012 között végzett felmérések kutatási jelentései

### 2.3 Range of the habitat type in the biogeographical region or marine region

2.3.1 Surface area - Range (km <sup>2</sup> )	71357
2.3.2 Range method used	Estimate based on partial data with some extrapolation and/or modelling (2)
2.3.3 Short-term trend period	2001-2012
2.3.4 Short-term trend direction	stable (0)
2.3.5 Short-term trend magnitude	min max
2.3.6 Long-term trend period	
2.3.7 Long-term trend direction	N/A
2.3.8 Long-term trend magnitude	min max
2.3.9 Favourable reference range	area (km <sup>2</sup> ) operator approximately equal to (≈) unkown No method
2.3.10 Reason for change	Improved knowledge/more accurate data

### 2.4 Area covered by Habitat

2.4.1 Surface area (km <sup>2</sup> )	460
2.4.2 Year or period	2007-2012
2.4.3 Method used	Estimate based on partial data with some extrapolation and/or modelling (2)
2.4.4 Short-term trend period	2001-2012
2.4.5 Short-term trend direction	stable (0)
2.4.6 Short-term trend magnitude	min max



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## 2.7.1 Species

Hydrocharis morsus-ranae

Lemna spp.

Hippuris vulgaris

Myriophyllum verticillatum

Nufar lutea

Nymphaea alba

Nymphoides peltata

Potamogeton lucens

Potamogeton natans

Potamogeton nodosus

Salvinia natans

Spirodela polyrhiza

Statiotes aloides

Trapa natans

Utricularia vulgaris

Elodea spp.

## 2.7.2 Species method used

NBmR 5x5 km-es kvadrátok és N2000 területek élőhelytérképezése, az NBmR monitorozásra kiválasztott társulásainak cönológiai felvételezése, valamint a közösségi jelentőségű élőhelytípusok monitorozása eredményeinek összegzése és értékelése alapján.

## 2.7.3 Justification of % - thresholds for trends

## 2.7.4 Structure and functions - methods used

Estimate based on partial data with some extrapolation and/or modelling (2)

## 2.7.5 Other relevant information

A struktúra-funkció megítélése 5 komponensű (fajkészlet, fragmentáltság, inváziós fertőzöttség, termőhelyi sérülékenységi, kezelések sikeressége) szempontrendszer alapján történt.

## 2.8 Conclusions (assessment of conservation status at end of reporting period)

### 2.8.1 Range

assessment Favourable (FV)  
qualifiers N/A

### 2.8.2 Area

assessment Inadequate (U1)  
qualifiers stable (=)

### 2.8.3 Specific structures and functions (incl Species)

assessment Inadequate (U1)  
qualifiers stable (=)

### 2.8.4 Future prospects

assessment Inadequate (U1)  
qualifiers stable (=)

### 2.8.5 Overall assessment of Conservation Status

Inadequate (U1)

### 2.8.5 Overall trend in Conservation Status

stable (=)

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## 3. Natura 2000 coverage conservation measures - Annex I habitat types on biogeographical level

### 3.1 Area covered by habitat

3.1.1 Surface area (km <sup>2</sup> )	min	220	max	240
3.1.2 Method used	Estimate based on partial data with some extrapolation and/or modelling (2)			
3.1.3. Trend of surface area	N/A			

### 3.2 Conversation Measures

3.2.1 Measure	3.2.2 Type	3.2.3 Ranking	3.2.4 Location	3.2.5 Broad Evaluation
Other wetland-related measures (4.0)	Administrative Contractual Recurrent	high importance (H)	Both	Maintain Enhance Long term
Restoring/improving water quality (4.1)	Administrative One-off	high importance (H)	Inside	Enhance
Restoring/improving the hydrological regime (4.2)	Administrative Contractual Recurrent	high importance (H)	Both	Maintain Enhance Long term
Other spatial measures (6.0)	Administrative Recurrent	low importance (L)	Both	Long term
Regulation/ Management of fishery in limnic systems (7.2)	Administrative Recurrent	medium importance (M)	Both	Maintain Enhance

