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 (km²)	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 (km²)	
	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 (km²)	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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2.4.7 Short term trend method used	Estimate based on partial data with some extrapolation and/or modelling (2)
2.4.8 Long-term trend period	
2.4.9 Long-term trend direction	N/A
2.4.10 Long-term trend magnitude	min max
2.4.11 Long term trend method used	N/A
2.4.12 Favourable reference area	area (km)
	operator more than (>)
	unknown No
	method
2.4.13 Reason for change	Improved knowledge/more accurate data

2.5 Main Pressures

Pressure	ranking	pollution qualifier(s)
Landfill, land reclamation and drying out, general (J02.01)	high importance (H)	N/A
Canalisation & water deviation (J02.03)	high importance (H)	N/A
Modification of hydrographic functioning, general (J02.05)	high importance (H)	N/A
Drying out (K01.03)	high importance (H)	N/A
Outdoor sports and leisure activities, recreational activities (G01)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
Biocenotic evolution, succession (K02)	medium importance (M)	N/A
invasive non-native species (I01)	medium importance (M)	N/A

2.5.1 Method used – pressures	mainly based on expert judgement and other data (2)

2.6 Main Threats

Threat	ranking	pollution qualifier(s)
Landfill, land reclamation and drying out, general (J02.01)	high importance (H)	N/A
Canalisation & water deviation (J02.03)	high importance (H)	N/A
Modification of hydrographic functioning, general (J02.05)	high importance (H)	N/A
Drying out (K01.03)	high importance (H)	N/A
Outdoor sports and leisure activities, recreational activities (G01)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
Biocenotic evolution, succession (K02)	medium importance (M)	N/A
invasive non-native species (I01)	medium importance (M)	N/A

2.6.1 Method used – threats	expert opinion (1)

2.7 Complementary Information

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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

Potemogeton natans

Potamogeton nodosus

Salvinia natans

Spirodela polyrhiza

Statiotes aloides

Trapa natans

Utricularia vulgaris

Elodea spp.

2.7.2 Species method used	NBmR 5×5 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, invázlós fertőzöttség, termőhelyi sérülékenység, 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 -
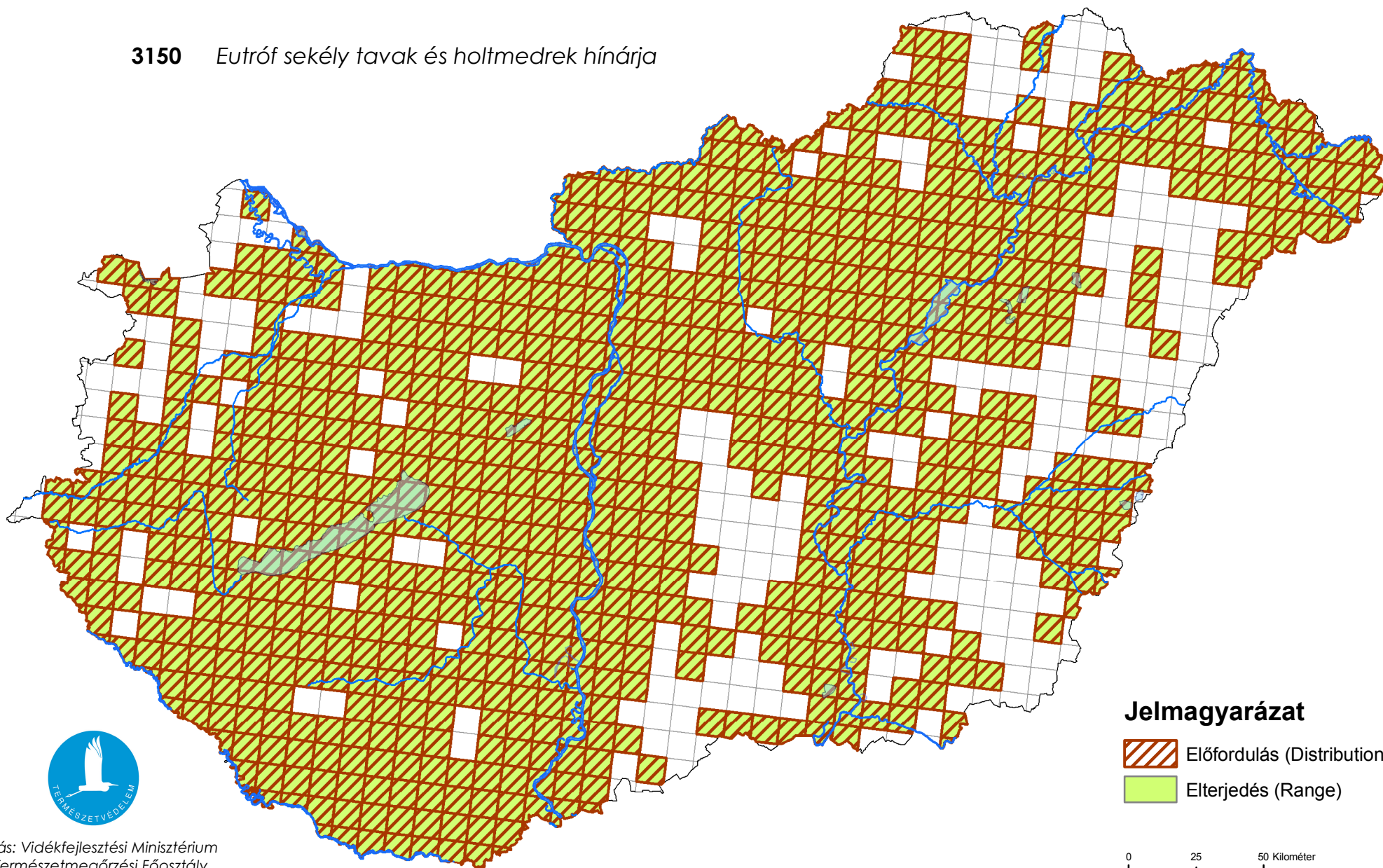## Annex I habitat types on biogeographical level
3.1 Area covered by habitat

3.1.1 Surface area (km²)	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

Térképmelléklet az élőhelyvédelmi irányelv 17. cikke alapján készített országjelentéshez
2013.

3150 *Eutróf sekély tavak és holtmedrek hínárja*

Jelmagyarázat

Előfordulás (Distribution)

Elterjedés (Range)

0   25   50 Kilométer