

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

CODE: 6440

NAME: Alluvial meadows of river valleys of the *Cnidion dubii*

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 jelentése

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

2.3.1 Surface area - Range (km ²)	75060
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 ²) operator approximately equal to (≈) unkown No method
2.3.10 Reason for change	Improved knowledge/more accurate data Use of different method

2.4 Area covered by Habitat

2.4.1 Surface area (km ²)	490
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)
abandonment of pastoral systems, lack of grazing (A04.03)	high importance (H)	N/A
invasive non-native species (I01)	high importance (H)	N/A
species composition change (succession) (K02.01)	high importance (H)	N/A
Modification of hydrographic functioning, general (J02.05)	high importance (H)	N/A
agricultural intensification (A02.01)	medium importance (M)	N/A
grassland removal for arable land (A02.03)	medium importance (M)	N/A
intensive grazing (A04.01)	medium importance (M)	N/A
forest planting on open ground (B01)	medium importance (M)	N/A
damage caused by game (excess population density) (F03.01.01)	medium importance (M)	N/A
problematic native species (I02)	medium importance (M)	N/A
Canalisation & water deviation (J02.03)	medium importance (M)	N/A
Outdoor sports and leisure activities, recreational activities (G01)	low importance (L)	N/A
accumulation of organic material (K02.02)	low importance (L)	N/A
Fertilisation (A08)	low importance (L)	N/A

2.5.1 Method used – pressures based exclusively or to a larger extent on real data from sites/occurrences or other

2.6 Main Threats

Threat	ranking	pollution qualifier(s)
abandonment of pastoral systems, lack of grazing (A04.03)	high importance (H)	N/A
invasive non-native species (I01)	high importance (H)	N/A
species composition change (succession) (K02.01)	high importance (H)	N/A
Modification of hydrographic functioning, general (J02.05)	high importance (H)	N/A
agricultural intensification (A02.01)	medium importance (M)	N/A
grassland removal for arable land (A02.03)	medium importance (M)	N/A
intensive grazing (A04.01)	medium importance (M)	N/A
forest planting on open ground (B01)	medium importance (M)	N/A
damage caused by game (excess population density) (F03.01.01)	medium importance (M)	N/A

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problematic native species (I02)	medium importance (M)	N/A
Canalisation & water deviation (J02.03)	medium importance (M)	N/A
Outdoor sports and leisure activities, recreational activities (G01)	low importance (L)	N/A
accumulation of organic material (K02.02)	low importance (L)	N/A
Fertilisation (A08)	low importance (L)	N/A

2.6.1 Method used – threats expert opinion (1)

2.7 Complementary Information

2.7.1 Species

Alopecurus pratensis

Agrostis stolonifera

Allium angulosum

Carex distans

Carex panicea

Cirsium canum

Colchicum autumnale

Deschampsia caespitosa

Gratiola officinalis

Eleocharis uniglumis

Juncus atratus

Leucojum aestivum

Lychnis flos-cuculi

Taraxacum palustre

Cnidium dubium

Lythrum virgatum

Carex melanostachya

Euphorbia lucida

Clematis integrifolia

Veronica longifolia

Calamagrostis epigeios

Cirsium arvense

Elymus repens

Fragmites australis

Rumex spp.

Amorpha fruticosa

Elaeagnus angustifolia

Aster adv. spp.

Echinocystis lobata

Fallopia spp.

Helianthus spp

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Impatiens adv. spp.

Solidago adv. 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 sérülékenység, kezelések sikeressége) szemponrendszer 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 declining (-)

2.8.3 Specific structures and functions (incl Species)

assessment Inadequate (U1)
qualifiers declining (-)

2.8.4 Future prospects

assessment Inadequate (U1)
qualifiers declining (-)

2.8.5 Overall assessment of Conservation Status

Inadequate (U1)

2.8.5 Overall trend in Conservation Status

declining (-)

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 350 max 400

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 agriculture-related measures (2.0)	Administrative Contractual Recurrent	high importance (H)	Both	Maintain Enhance Long term
Maintaining grasslands and other open habitats (2.1)	Legal Administrative Contractual Recurrent	high importance (H)	Both	Maintain Enhance Long term
Restoring/improving the hydrological regime (4.2)	Administrative Contractual Recurrent	high importance (H)	Both	Maintain Enhance Long term

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Managing water abstraction (4.3)	Administrative One-off	low importance (L)	Inside	Maintain Enhance Long term
Establish protected areas/sites (6.1)	Legal One-off	medium importance (M)	Inside	Long term

