

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

CODE: 6520

NAME: Mountain hay meadows

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

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

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)	8919
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 (≈) unknown 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 ²)	30
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
damage caused by game (excess population density) (F03.01.01)	high importance (H)	N/A
species composition change (succession) (K02.01)	high importance (H)	N/A
invasive non-native species (I01)	high importance (H)	N/A
Fertilisation (A08)	medium importance (M)	N/A
agricultural intensification (A02.01)	medium importance (M)	N/A
Outdoor sports and leisure activities, recreational activities (G01)	medium importance (M)	N/A
problematic native species (I02)	medium importance (M)	N/A
accumulation of organic material (K02.02)	medium importance (M)	N/A
intensive grazing (A04.01)	low importance (L)	N/A
intensive mowing or intensification (A03.01)	low importance (L)	N/A
forest planting on open ground (B01)	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
damage caused by game (excess population density) (F03.01.01)	high importance (H)	N/A
species composition change (succession) (K02.01)	high importance (H)	N/A
invasive non-native species (I01)	high importance (H)	N/A
agricultural intensification (A02.01)	medium importance (M)	N/A
Fertilisation (A08)	medium importance (M)	N/A
Outdoor sports and leisure activities, recreational activities (G01)	medium importance (M)	N/A
problematic native species (I02)	medium importance (M)	N/A
accumulation of organic material (K02.02)	medium importance (M)	N/A
intensive grazing (A04.01)	low importance (L)	N/A

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intensive mowing or intensification (A03.01)	low importance (L)	N/A
forest planting on open ground (B01)	low importance (L)	N/A

2.6.1 Method used – threats expert opinion (1)

2.7 Complementary Information

2.7.1 Species

Carlina acaulis

Cynosurus cristatus

Dianthus deltoides

Agrostis capillaris

Festuca rubra

Alchemilla spp.

Carum carvi

Moenchia mantica

Polygala comosa

Polygala vulgaris

Trisetum flavescens

Viola canina

Potentilla rupestris

Avenula pubescens

Centaurea nigrescens

Betonica officinalis

Danthonia alpina

Calamagrostis epigeios

Cirsium arvense

Elymus repens

Potentilla argentea

Ononis spinosa

Plantago lanceolata

Achillea collina

Taraxacum officinale

Erigeron annuus

Solidago adv. 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

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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) 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 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 (km ²)	min 23	max 27
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)	Legal Administrative Recurrent	high importance (H)	Inside	Maintain Enhance Long term
Maintaining grasslands and other open habitats (2.1)	Recurrent	high importance (H)	Both	Maintain Enhance Long term

