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

CODE: 6260

NAME: Pannonic sand steppes

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.
	Természetvédelem és kutatás a Duna-Tisza közi homokhátságon (2011), Rosalia 6., A Duna-Ipoly Nemzeti Park Igazgatóság tanulmánykötetei, pp 521.
	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)	34691	
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 Use of different method	

2.4 Area covered by Habitat

2.4.1 Surface area (km²)	400	
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
species composition change (succession) (K02.01)	high importance (H)	N/A
anthropogenic reduction of habitat connectivity (J03.02)	high importance (H)	N/A
invasive non-native species (I01)	high importance (H)	N/A
agricultural intensification (A02.01)	medium importance (M)	N/A
damage caused by game (excess population density) (F03.01.01)	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
burning down (J01.01)	medium importance (M)	N/A
competition (flora) (K04.01)	medium importance (M)	N/A
Sand and gravel extraction (C01.01)	medium importance (M)	N/A
Urbanised areas, human habitation (E01)	medium importance (M)	N/A

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

2.6 Main Threats

Threat	ranking	pollution qualifier(s)
abandonment of pastoral systems, lack of grazing (A04.03)	high importance (H)	N/A
species composition change (succession) (K02.01)	high importance (H)	N/A
anthropogenic reduction of habitat connectivity (J03.02)	high importance (H)	N/A
invasive non-native species (I01)	high importance (H)	N/A
agricultural intensification (A02.01)	medium importance (M)	N/A
damage caused by game (excess population density) (F03.01.01)	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
burning down (J01.01)	medium importance (M)	N/A
competition (flora) (K04.01)	medium importance (M)	N/A

Sand and gravel extraction (C01.01)	medium importance (M)	N/A
Urbanised areas, human habitation (E01)	medium importance (M)	N/A

2.6.1 Method used – threats	expert opinion (1)

2.7 Complementary Information

2.7.1 Species

Alcanna tinctoria

Aster linosyris

Astragalus asper

Astragalus varius

Bassia laniflora

Chrysopogon gryllus

Colchicum arenarium

Corispermum spp.

Dianthus diutinus

Dianthus serotinus

Festuca vaginata

Fumana procumbens

Iris arenaria

Onosma arenaria

Stipa borysthenica

Alyssum montanum

Gypsophila arenaria

Koeleria glauca

Helichrysum arenarium

Pulsatilla flavescens

Poa angustifolia

Cynodon dactylon

Bothryochloa ischaemum

Achillea collina

Elymus repens

Calamagrostis epigeios

Ailanthus altissima

Robinia pseudoacacia

Elaeagnus angustifolia

Asclepias syriaca

Oenothera spp.

Solidago adv. spp.

Ambrosia artemisiifolia

Conyza canadensis

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Cenchrus incertus

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, 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 (km²)	min	190	max	250
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 Contractual Recurrent	high importance (H)	Both	Maintain Enhance Long term
Maintaining grasslands and other open habitats (2.1)	Recurrent	high importance (H)	Both	Maintain Enhance Long term
Other forestry-related measures (3.0)	Legal Contractual One-off	high importance (H)	Inside	Maintain Enhance Long term

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

6260 *Pannon homoki gyepek*

Jelmagyarázat

Előfordulás (Distribution)

Elterjedés (Range)

0   25   50 Kilométer