

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

CODE: 91N0

NAME: Pannonic inland sand dune thicket (Junipero-Populetum albae)

## 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.

Kevey B. (2008): Magyarország erdőtársulásai (Forest associations of Hungary). – Tilia 14: 1-488.

Természetvédelem és kutatás a Duna-Tisza közti homokhátságon (2011), Rosalia 6., A Duna-Ipoly Nemzeti Park Igazgatóság tanulmánykötetei, 521 pp.

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 <sup>2</sup> )	6730
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> )	76
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 Use of different method

## 2.5 Main Pressures

Pressure	ranking	pollution qualifier(s)
abandonment of pastoral systems, lack of grazing (A04.03)	high importance (H)	N/A
Forest and Plantation management & use (B02)	high importance (H)	N/A
invasive non-native species (I01)	high importance (H)	N/A
anthropogenic reduction of habitat connectivity (J03.02)	high importance (H)	N/A
species composition change (succession) (K02.01)	high importance (H)	N/A
damage caused by game (excess population density) (F03.01.01)	medium importance (M)	N/A
Other human intrusions and disturbances (G05)	medium importance (M)	N/A
Changes in abiotic conditions (M01)	medium importance (M)	N/A
fire (natural) (L09)	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)
abandonment of pastoral systems, lack of grazing (A04.03)	high importance (H)	N/A
Forest and Plantation management & use (B02)	high importance (H)	N/A
invasive non-native species (I01)	high importance (H)	N/A
anthropogenic reduction of habitat connectivity (J03.02)	high importance (H)	N/A
species composition change (succession) (K02.01)	high importance (H)	N/A
damage caused by game (excess population density) (F03.01.01)	medium importance (M)	N/A
Other human intrusions and disturbances (G05)	medium importance (M)	N/A
Changes in abiotic conditions (M01)	medium importance (M)	N/A
fire (natural) (L09)	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

*Populus alba*

*Juniperus communis*

*Salix rosmarinifolia*

*Crataegus monogyna*

*Ligustrum vulgare*

*Cerasus mahaleb*

*Asparagus officinalis*

*Carex liparicarpos*

*Lithospermum officinale*

*Cynoglossum officinale*

*Euphorbia cyparissias*

*Polygonatum odoratum*

*Vincetoxicum hirundinaria*

*Hieracium umbellatum*

*Festuca vaginata*

*Euphorbia seguierana*

*Stipa joannis*

*Stipa borysthena*

*Calamagrostis epigeios*

*Prunus spinosa*

*Bromus sterilis*

*Anthriscus cerefolium*

*Ailanthus altissima*

*Robinia pseudoacacia*

*Elaeagnus angustifolia*

*Asclepias syriaca*

*Erigeron annuus*

*Solidago adv. spp.*

*Ambrosia artemisiifolia*

## 2.7.2 Species method used

NBmR 5×5 km-es kvadrátok és N2000 területek élőhelytérképezése, az NBmR monitorozásra kiválasztott társulásainak ökológiai 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.

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## 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 Bad (U2) qualifiers declining (-)
2.8.4 Future prospects	assessment Inadequate (U1) qualifiers declining (-)
2.8.5 Overall assessment of Conservation Status	Bad (U2)
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 <sup>2</sup> )	min 45	max 50
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 forestry-related measures (3.0)	Legal Administrative Contractual Recurrent	high importance (H)	Inside	Maintain Enhance Long term
Restoring/improving forest habitats (3.1)	Contractual Recurrent	high importance (H)	Inside	Enhance Long term

