

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

CODE: 40A0

NAME: Subcontinental peri-Pannonic scrub

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.

Csathó A. I. (2009): A mezsgyék természetvédelmi jelentősége és védelmük időszerűsége. Természetvédelmi Közlemények 15: 171-181.

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 (km ²) | 23215 |
| 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 |

2.4 Area covered by Habitat

| | |
|---------------------------------------|---|
| 2.4.1 Surface area (km ²) | 21 |
| 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) |
|--|-----------------------|------------------------|
| species composition change (succession) (K02.01) | high importance (H) | N/A |
| 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 |
| burning down (J01.01) | medium importance (M) | N/A |
| Utility and service lines (D02) | medium importance (M) | N/A |
| removal of hedges and copses or scrub (A10.01) | medium importance (M) | N/A |
| Outdoor sports and leisure activities, recreational activities (G01) | medium importance (M) | N/A |
| Forest and Plantation management & use (B02) | medium importance (M) | N/A |
| invasive non-native species (I01) | medium importance (M) | N/A |
| competition (flora) (K04.01) | medium importance (M) | N/A |
| anthropogenic reduction of habitat connectivity (J03.02) | high importance (H) | 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) |
|--|-----------------------|------------------------|
| species composition change (succession) (K02.01) | high importance (H) | N/A |
| 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 |
| burning down (J01.01) | medium importance (M) | N/A |
| Utility and service lines (D02) | medium importance (M) | N/A |
| removal of hedges and copses or scrub (A10.01) | medium importance (M) | N/A |
| Outdoor sports and leisure activities, recreational activities (G01) | medium importance (M) | N/A |
| Forest and Plantation management & use (B02) | medium importance (M) | N/A |
| invasive non-native species (I01) | medium importance (M) | N/A |
| competition (flora) (K04.01) | medium importance (M) | N/A |
| anthropogenic reduction of habitat connectivity (J03.02) | high importance (H) | N/A |

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2.6.1 Method used – threats expert opinion (1)

2.7 Complementary Information

2.7.1 Species

Speraea media

Cotoneaster spp.

Amelanchier ovalis

Amygdalus nana

Rosa gallica

Rosa spinosissima

Vinca herbacea

Phlomis tuberosa

Peucedanum cervaria

Teucrium chamaedrys

Nepeta pannonica

Inula spp.

Geranium sanguineum

Vincetoxicum hirundinaria

Tanacetum corymbosum

Aster linosyris

Prunus spinosa

Crataegus monogyna

Rosa canina

Robinia pseudoacacia

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) 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 (-)

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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 15 max 17

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 | medium importance (M) | Inside | Maintain Enhance Long term |
| Maintaining grasslands and other open habitats (2.1) | Administrative Contractual Recurrent | high importance (H) | Inside | Maintain Enhance Long term |
| Other forestry-related measures (3.0) | Administrative One-off | medium importance (M) | Inside | Maintain Enhance Long term |
| Establish protected areas/sites (6.1) | Legal One-off | low importance (L) | Inside | Long term |

