

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

CODE: 91M0

NAME: Pannonian-Balkan turkey oak –sessile oak forests

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

2.2 Published

Pannonian (PAN)

Bölöni 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.

ÁDÁM R - BÖLÖNI J: Cseres-kocsánytalan tölgyesek gyepszintjének kapcsolata az állomány jellemzőivel. Válogatás az MTA Ökológiai és Botanikai Kutatóintézet kutatási eredményeiből, 2011. 3. köt.

KEVEY B: Töredékes cseres-tölgyesek a Zákányi-dombokon (Asphodelo-Quercetum roboris Borhidi in Borhidi et

Kevey 1996) Natura Somogyiensis, 2010. 17: 15-34

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)	37657
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

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2.4.1 Surface area (km ²)	1400
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
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)
forest replanting (B02.01)	high importance (H)	N/A
forestry clearance (B02.02)	high importance (H)	N/A
damage caused by game (excess population density) (F03.01.01)	high importance (H)	N/A
invasive non-native species (I01)	medium importance (M)	N/A
removal of dead and dying trees (B02.04)	medium importance (M)	N/A
problematic native species (I02)	medium importance (M)	N/A
Other human intrusions and disturbances (G05)	medium importance (M)	N/A
Urbanised areas, human habitation (E01)	low importance (L)	N/A
Outdoor sports and leisure activities, recreational activities (G01)	low importance (L)	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)
forest replanting (B02.01)	high importance (H)	N/A
forestry clearance (B02.02)	high importance (H)	N/A
damage caused by game (excess population density) (F03.01.01)	high importance (H)	N/A
invasive non-native species (I01)	medium importance (M)	N/A
removal of dead and dying trees (B02.04)	medium importance (M)	N/A
problematic native species (I02)	medium importance (M)	N/A
Other human intrusions and disturbances (G05)	medium importance (M)	N/A
Urbanised areas, human habitation (E01)	low importance (L)	N/A

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Outdoor sports and leisure activities, recreational activities (G01)

low importance (L)

N/A

2.6.1 Method used – threats

expert opinion (1)

2.7 Complementary Information

2.7.1 Species

Quercus cerris

Quercus petraea

Sorbus torminalis

Pyrus pyraster

Acer campestre

Ulmus minor

Euonymus verrucosus

Viburnum lantana

Cornus mas

Ligustrum vulgare

Vicia cassubica

Trifolium alpestre

Trifolium medium

Trifolium rubens

Poa nemoralis

Carex montana

Carex flacca

Tanacetum corymbosum

Festuca heterophylla

Campanula persicifolia

Digitalis grandiflora

Potentilla alba

Melia uniflora

Viscaria vulgaris

Silene nutans

Agrostis capillaris

Molinia caerulea

Hypericum montanum

Euphorbia polychroma

Achillea distans

Galium schultesii

Hieracium spp.

Lychnis coronaria

Silene viridiflora

Genista tinctoria

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Veratrum nigrum

Deschampsia flexuosa

Lusula lusuloides

Calamagrostis arundinacea

Genista pilosa

Chaerophyllum temulum

Geranium robertianum

Urtica dioica

Alliaria petiolata

Fallopia convolvulus

Calamagrostis epigeios

Torilis japonica

Galium aparine

Prunus spinosa

Rubus fruticosus

Ailanthus altissima

Pinus nigra

Robinia pseudoacacia

Amorpha fruticosa

Aster adv. spp.

Erigeron annuus

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) 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 740 max 1008

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 Recurrent	high importance (H)	Inside	Maintain Enhance Long term
Restoring/improving forest habitats (3.1)	Legal Administrative Contractual	medium importance (M)	Inside	Maintain Enhance Long term
Adapt forest management (3.2)	Contractual Recurrent	high importance (H)	Both	Maintain Enhance

