

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

CODE: 91I0

NAME: Euro-Siberian steppic woods with *Quercus* spp.

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

Böhlöni 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.

Kevey B. (2011): Zárt lösztölgyesek a Kerecsendi-erdőben (*Pulmonario mollis-Quercetum roboris* Kevey 2008). – *Bot. Közlem.* 98 (1-2): 79-116.

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)	20960
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 more than (>) 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)	45
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 much 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
Modification of hydrographic functioning, general (J02.05)	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
forestry clearance (B02.02)	medium importance (M)	N/A
removal of dead and dying trees (B02.04)	medium importance (M)	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

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)
forest replanting (B02.01)	medium importance (M)	N/A
Modification of hydrographic functioning, general (J02.05)	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
forestry clearance (B02.02)	medium importance (M)	N/A
removal of dead and dying trees (B02.04)	medium importance (M)	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)	high importance (H)	N/A

2.6.1 Method used – threats expert opinion (1)

2.7 Complementary Information

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2.7.1 Species

Quercus robur

Quercus pubescens

Populus alba

Populus nigra

Fraxinus angustifolia ssp *danubialis*

Pyrus pyraeaster

Acer tataricum

Crataegus monogyna

Ligustrum vulgare

Cornus sanguinea

Teucrium chamaedris

Molinia caerulea

Polygonatum odoratum

Polygonatum latifolium

Melampyrum spp.

Festuca rupicola

Pulmonaria mollis

Pedicularis oreoselinum

Melica altissima

Hierochloa repens

Ranunculus polyanthemus

Vincetoxicum hirsutum

Lithospermum purpureo-coeruleum

Origanum vulgare

Inula salicina

Tanacetum corymbosum

Viola suavis

Euphorbia seguierana

Phlomis tuberosa

Anthriscus cerefolium

Elymus repens

Galium aparine

Calamagrostis epigeios

Sambucus nigra

Urtica dioica

Ailanthus altissima

Fraxinus pennsylvanica

Prunus serotina

Robinia pseudoacacia

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Elaeagnus angustifolia

Parthenocissus inserta

Asclepias syriaca

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 Inadequate (U1)
qualifiers declining (-)

2.8.2 Area

assessment Bad (U2)
qualifiers declining (-)

2.8.3 Specific structures and functions (incl Species)

assessment Bad (U2)
qualifiers declining (-)

2.8.4 Future prospects

assessment Bad (U2)
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 (km²)

min 40 max 43

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)

Both

Maintain
Enhance

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Establish protected areas/sites (6.1)	Legal One-off	medium importance (M)	Inside	Maintain Enhance Long term
Regulation/ Management of hunting and taking (7.1)	Administrative One-off	medium importance (M)	Inside	Maintain

