

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

CODE: 91H0

NAME: Pannonian woods with *Quercus pubescens*

## 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.

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> )	20398
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> )	300
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 approximately equal to ( $\approx$ ) unknown No method
2.4.13 Reason for change	Improved knowledge/more accurate data

## 2.5 Main Pressures

Pressure	ranking	pollution qualifier(s)
Forest and Plantation management & use (B02)	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)	low importance (L)	N/A
Other human intrusions and disturbances (G05)	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 and Plantation management & use (B02)	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)	low importance (L)	N/A
Other human intrusions and disturbances (G05)	medium importance (M)	N/A

2.6.1 Method used – threats expert opinion (1)

## 2.7 Complementary Information

### 2.7.1 Species

Oyrzopsis virescens

Vicia sparsiflora

Lathyrus niger

Dictamnus albus

Chaerophyllum temulum

Geranium robertianum

Poa angustifolia

Alliaria petiolata

Torilis japonica

Galium aparine

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*Prunus spinosa*

*Ailanthus altissima*

*Pinus nigra*

*Robinia pseudoacacia*

*Erigeron annuus*

*Solidago* adv. spp.

*Quercus pubescens*

*Fraxinus ornus*

*Sorbus* spp.

*Cotinus coggygria*

*Euonymus verrucosus*

*Viburnum lantana*

*Cornus mas*

*Cerasus mahaleb*

*Tanacetum corymbosum*

*Vincetoxicum hirundinaria*

*Lithospermum purpureo-coeruleum*

*Brachypodium pinnatum*

*Laser trilobum*

*Peucedanum cervaria*

*Polygonatum odoratum*

*Sedum maximum*

*Trifolium alpestre*

*Trifolium rubens*

*Trifolium medium*

*Mercurialis ovata*

*Iris variegata*

*Carex michelii*

*Carex flacca*

*Carex tomentosa*

*Anthericum ramosum*

*Scorzonera purpurea*

*Inula* spp.

*Carex humilis*

*Bromus erectus*

*Bromus pannonicus*

*Fallopia convolvulus*

## 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

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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 Favourable (FV)  
qualifiers N/A

2.8.3 Specific structures and functions (incl Species)

assessment Inadequate (U1)  
qualifiers stable (=)

2.8.4 Future prospects

assessment Inadequate (U1)  
qualifiers stable (=)

2.8.5 Overall assessment of Conservation Status

Inadequate (U1)

2.8.5 Overall trend in Conservation Status

stable (=)

## 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 246 max 270

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)	Contractual One-off	medium importance (M)	Inside	Enhance Long term
Adapt forest management (3.2)	Recurrent	high importance (H)	Both	Maintain Enhance

