

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

CODE: 91G0

NAME: Pannonic woods with *Quercus petraea* and *Carpinus betulus*

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

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.

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)	26676
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)	900
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)
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
Modification of hydrographic functioning, general (J02.05)	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

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
Modification of hydrographic functioning, general (J02.05)	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

2.6.1 Method used – threats expert opinion (1)

2.7 Complementary Information

2.7.1 Species

Quercus petaea
 Quercus robur
 Carpinus betulus
 Tilia cordata
 Acer campestre
 Ulmus minor

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Fraxinus excelsior

Fraxinus angustifolia ssp. *Danubialis*

Prunus avium

Corylus avellana

Staphyllea pinnata

Crataegus laevigata

Cornus sanguinea

Acer tataricum

Anemone spp.

Asarum europaeum

Galanthus nivalis

Carex sylvatica

Carex pilosa

Coydalis spp.

Scilla spp.

Gagea lutea

Galeobdolon luteum s.l.

Galium odoratum

Lathyrus vernus

Maianthemum bifolium

Helleborus dumetorum

Pteridopsida

Lunaria rediviva

Oxalis acetosella

Polygonatum multiflorum

Dentaria bulbifera

Galium sylvaticum

Symphitum tuberosum

Viola mirabilis

Brachypodium sylvaticum

Calamagrostis epigeios

Dactylis spp.

Geum urbanum

Geranium robertianum

Galium aparine

Urtica dioica

Acer negundo

Ailanthus altissima

Robinia pseudoacacia

Parthenocissus inserta

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Echinocystis lobata

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 sérülékenységi, 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 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 (km²)

min 450 max 540

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

Other forestry-related measures (3.0)

3.2.2 Type

Legal
Administrative
Recurrent

3.2.3 Ranking

high importance
(H)

3.2.4 Location

Both

3.2.5 Broad Evaluation

Maintain
Enhance
Long term

Restoring/improving forest habitats (3.1)

Contractual
Recurrent

high importance
(H)

Both

Maintain
Enhance
Long term

Restoring/improving the hydrological regime (4.2)

Contractual
Recurrent

medium
importance (M)

Both

Enhance

Térképmelléklet az élőhelyvédelmi irányelv 17. cikke alapján készített országjelentéshez 2013.

91G0 *Pannon gyertyános tölgyesek

