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	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 (km²)	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 (km²)	
	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 (km²)	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

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 (≈)
	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 othe

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

Solidao 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 5×5 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	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 (km²)	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

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

91H0 *Pannon molyhos tölgyesek*
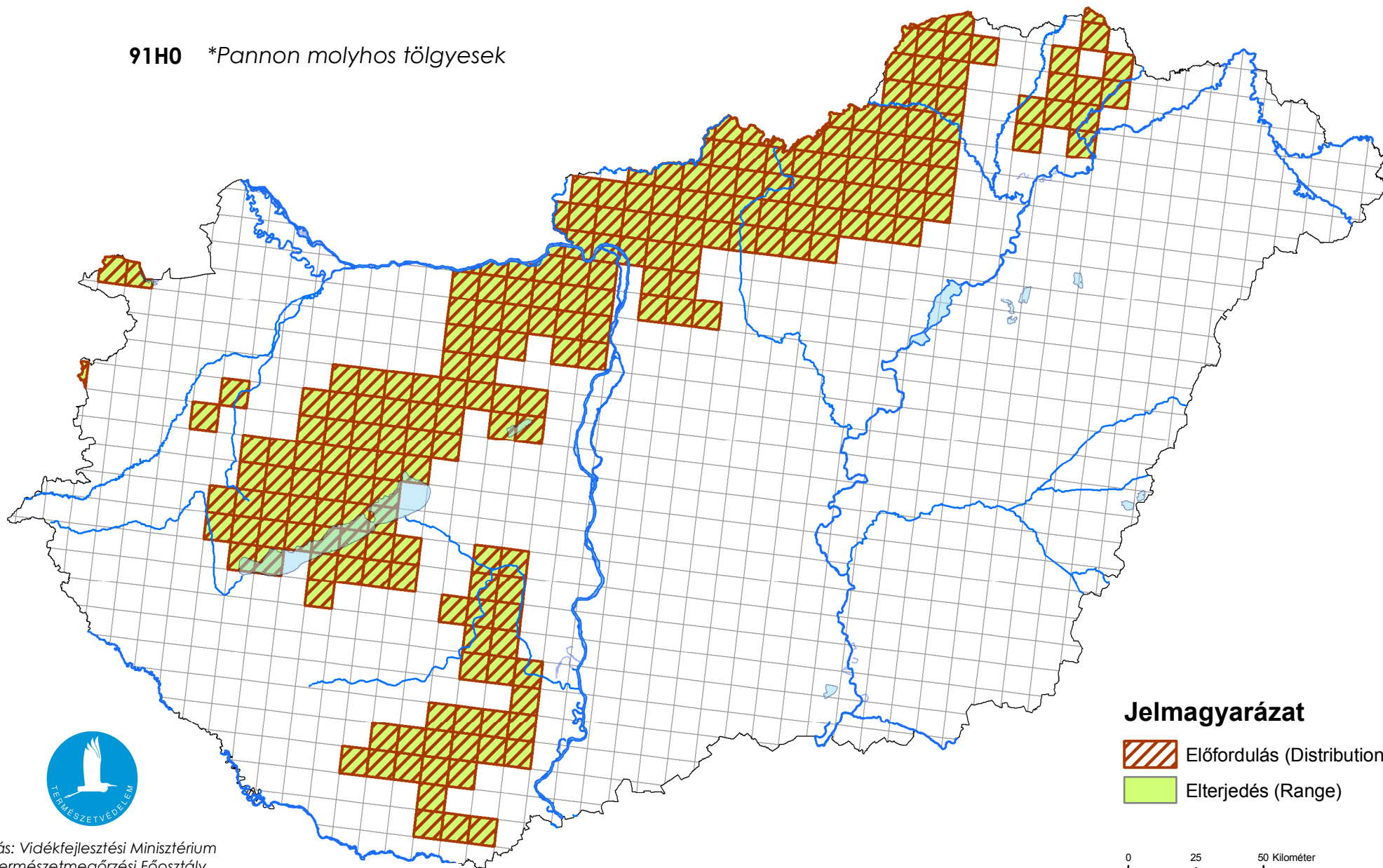
Jelmagyarázat

Előfordulás (Distribution)

Elterjedés (Range)

0   25   50 Kilométer