

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

CODE: 91L0

NAME: Illyrian oak-hornbeam forests (Erythronio-Carpinion)

## 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 <sup>2</sup> )	15607
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> )	500
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

## 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
removal of dead and dying trees (B02.04)	medium importance (M)	N/A
Changes in biotic conditions (M02)	medium importance (M)	N/A
invasive non-native species (I01)	medium importance (M)	N/A
problematic native species (I02)	medium importance (M)	N/A
Modification of hydrographic functioning, general (J02.05)	medium importance (M)	N/A
competition (flora) (K04.01)	medium importance (M)	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
removal of dead and dying trees (B02.04)	medium importance (M)	N/A
Changes in biotic conditions (M02)	medium importance (M)	N/A
invasive non-native species (I01)	medium importance (M)	N/A
problematic native species (I02)	medium importance (M)	N/A
Modification of hydrographic functioning, general (J02.05)	medium importance (M)	N/A
competition (flora) (K04.01)	medium importance (M)	N/A

2.6.1 Method used – threats                      expert opinion (1)

## 2.7 Complementary Information

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## 2.7.1 Species

Quercus petraea

Quercus robur

Carpinus betulus

Tilia cordata

Tilia tomentosa

Acer campestre

Ulmus minor

Fraxinus excelsior

Fraxinus angustifolia ssp. Danubialis

Prunus avium

Corylus avellana

Staphylea pinnata

Crataegus laevigata

Cornus sanguinea

Acer tataricum

Ruscus aculeatus

Lonicera caprifolium

Anemone spp.

Asarum europaeum

Galanthus nivalis

Carex sylvatica

Carex pilosa

Corydalis 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

Symphytum tuberosum

Viola mirabilis

Helleborus odoratus

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Lathyrus venetus

Lusula forsteri

Tamus communis

Brachypodium sylvaticum

Calamagrostis epigeios

Dactylis spp.

Geum urbanum

Geranium robertianum

Galium aparine

Urtica dioica

Acer negundo

Ailanthus altissima

Fraxinus pennsylvanica

Robinia pseudoacacia

Erigeron annuus

Rudbeckia laciniata

Solidago adv. spp.

## 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 Inadequate (U1)  
qualifiers stable (=)

### 2.8.3 Specific structures and functions (incl Species)

assessment Favourable (FV)  
qualifiers N/A

### 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 (=)

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## 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	400	max	419
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 One-off	high importance (H)	Both	Maintain Long term
Restoring/improving forest habitats (3.1)	Recurrent	high importance (H)	Both	Maintain Enhance
Adapt forest management (3.2)	Recurrent	high importance (H)	Inside	Maintain Enhance Long term

