

Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

0.1 Member State	HU
0.2.1 Species code	1617
0.2.2 Species name	Angelica palustris
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	réti angyalgyökér

1. National Level

1.1 Maps

1.1.1 Distribution Map	Yes
1.1.1a Sensitive species	No
1.1.2 Method used - map	Complete survey/Complete survey or a statistically robust estimate (3)
1.1.3 Year or period	2007-2010
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 sources	A Nemzeti Biodiverzitás-monitorozó Rendszer keretében 2007-2012 között végzett felmérések kutatási jelentései

2.3 Range

2.3.1 Surface area - Range (km ²)	1424
2.3.2 Method - Range surface area	Complete survey/Complete survey or a statistically robust estimate (3)
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 dataUse of different method

2.4 Population

2.4.1 Population size (individuals or agreed exception)	Unit number of individuals (i) min 50000 max 67000
2.4.2 Population size (other than individuals)	Unit N/A min max
2.4.3 Additional information	Definition of locality Conversion method Problems Az évenkénti teljes állomány felmérés nem volt lehetséges, a nagy egyedszámú populációk esetében számolással kiegészített becsléssel történt.

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2.4.4 Year or period	2007-2010
2.4.5 Method – population size	Complete survey/Complete survey or a statistically robust estimate (3)
2.4.6 Short-term trend period	2001-2012
2.4.7 Short term trend direction	stable (0)
2.4.8 Short-term trend magnitude	min max confidence interval
2.4.9 Short-term trend method	Complete survey/Complete survey or a statistically robust estimate (3)
2.4.10 Long-term trend period	
2.4.11 Long term trend direction	N/A
2.4.12 Long-term trend magnitude	min max confidence interval
2.4.13 Long-term trend method	N/A
2.4.14 Favourable reference population	number operator more than (>) unknown No method
2.4.15 Reason for change	Genuine Improved knowledge/more accurate data Use of different method

2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km ²)	2,14
2.5.2 Year or period	2007-2010
2.5.3 Method used - habitat	Complete survey/Complete survey or a statistically robust estimate (3)
2.5.4 a) Quality of habitat	Moderate
2.5.4 b) Quality of habitat - method	szakértői becslésen alapulva
2.5.5 Short term trend period	2001-2012
2.5.6 Short term trend direction	stable (0)
2.5.7 Long-term trend period	
2.5.8 Long term trend direction	N/A
2.5.9 Area of suitable habitat (km ²)	4
2.5.10 Reason for change	Genuine Improved knowledge/more accurate data

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
Landfill, land reclamation and drying out, general (J02.01)	high importance (H)	N/A
Canalisation & water deviation (J02.03)	high importance (H)	N/A
Biocenotic evolution, succession (K02)	high importance (H)	N/A
invasive non-native species (I01)	high importance (H)	N/A
modification of cultivation practices (A02)	medium importance (M)	N/A

2.6.1 Method used – pressures based exclusively or to a larger extent on real data from sites/occurrences or other

2.7 Main Threats

Threat	ranking	pollution qualifier(s)
Landfill, land reclamation and drying out, general (J02.01)	high importance (H)	N/A
Canalisation & water deviation (J02.03)	high importance (H)	N/A
species composition change (succession) (K02.01)	high importance (H)	N/A
invasive non-native species (I01)	high importance (H)	N/A
intensive mowing or intensification (A03.01)	medium importance (M)	N/A
modification of cultivation practices (A02)	low importance (L)	N/A

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grazing (A04)	low importance (L)	N/A
2.7.1 Method used – threats	expert opinion (1)	
2.8 Complementary Information		
2.8.1 Justification of % thresholds for trends		
2.8.2 Other relevant Information		
2.8.3 Trans-boundary assessment		
2.9 Conclusions (assessment of conservation status at end of reporting period)		
2.9.1 Range	assessment Inadequate (U1) qualifiers stable (=)	
2.9.2. Population	assessment Inadequate (U1) qualifiers stable (=)	
2.9.3. Habitat	assessment Inadequate (U1) qualifiers stable (=)	
2.9.4. Future prospects	assessment Inadequate (U1) qualifiers stable (=)	
2.9.5 Overall assessment of Conservation Status	Inadequate (U1)	
2.9.5 Overall trend in Conservation Status	stable (=)	

3. Natura 2000 coverage and conservation measures - Annex II species

3.1 Population

3.1.1 Population Size	Unit	number of individuals (i)
	min	45000 max 63000
3.1.2 Method used	Complete survey/Complete survey or a statistically robust estimate (3)	
3.1.3 Trend of population size within	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
Maintaining grasslands and other open habitats (2.1)	Contractual	high importance (H)	Both	Maintain Enhance Long term
Other wetland-related measures (4.0)	Contractual One-off	high importance (H)	Inside	Maintain Enhance Long term
Other measures (8.0)	Contractual One-off	high importance (H)	Inside	Maintain Enhance Long term
Other species management measures (7.0)	Recurrent	high importance (H)	Both	Long term

