

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	1477
0.2.2 Species name	Pulsatilla patens
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	tátogó kökörccsin

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	2007-2012
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 sources

Lesku B. (2012): Magyar és tátogó kökörccsin ex situ védelme a Nyírségben. In: Bartha Dénes (ed.): Természetvédelmi növénytan. – Mezőgazda Kiadó, Budapest, pp. 294-297.

A Nemzeti Biodiverzitás-monitorozó Rendszer keretében 2007-2012 között végzett felmérések kutatási jelentései

2.3 Range

2.3.1 Surface area - Range (km ²)	93,29
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	Use of different method

2.4 Population

2.4.1 Population size (individuals or agreed exception)	Unit number of individuals (i) min 20 max 60
2.4.2 Population size (other than individuals)	Unit N/A min max
2.4.3 Additional information	Definition of locality Conversion method Problems

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2.4.4 Year or period	2007-2012
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	increase (+)
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 much more than (>>) unknown No method
2.4.15 Reason for change	Genuine

2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km ²)	0,001
2.5.2 Year or period	2012
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	figyelembe vett körülmények: inváziós fertőzöttség, védettség, területhasználat
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)	1
2.5.10 Reason for change	Improved knowledge/more accurate data

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
invasive non-native species (I01)	high importance (H)	N/A
reduced fecundity/ genetic depression (K05)	high importance (H)	N/A
damage caused by game (excess population density) (F03.01.01)	medium importance (M)	N/A
competition (flora) (K04.01)	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)
invasive non-native species (I01)	high importance (H)	N/A
reduced fecundity/ genetic depression (K05)	high importance (H)	N/A
damage caused by game (excess population density) (F03.01.01)	medium importance (M)	N/A
competition (flora) (K04.01)	medium importance (M)	N/A
2.7.1 Method used – threats	expert opinion (1)	

2.8 Complementary Information

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2.8.1 Justification of % thresholds for trends

2.8.2 Other relevant Information

Az állomány nagyság növekedése aktív ex situ tevékenységnek köszönhető. Ex situ felszaporítás és kiültetés.

Az élőhelye kiterjedése <0,01 km², maximum pár száz m². A 2.5.1 alatt a beírható 0,01 km² lett feltüntetve, a valós érték 0,001 km².

2.8.3 Trans-boundary assessment

2.9 Conclusions (assessment of conservation status at end of reporting period)

2.9.1 Range

assessment Bad (U2)
qualifiers stable (=)

2.9.2. Population

assessment Bad (U2)
qualifiers improving (+)

2.9.3. Habitat

assessment Inadequate (U1)
qualifiers stable (=)

2.9.4. Future prospects

assessment Bad (U2)
qualifiers improving (+)

2.9.5 Overall assessment of Conservation Status

Bad (U2)

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 20 max 60

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
Other species management measures (7.0)	Recurrent	high importance (H)	Inside	Enhance Long term
Maintaining grasslands and other open habitats (2.1)	Contractual Recurrent	high importance (H)	Inside	Maintain Enhance Long term
Restoring/improving forest habitats (3.1)	Administrative Contractual One-off	medium importance (M)	Inside	Enhance Long term
Regulation/ Management of hunting and taking (7.1)	Recurrent	high importance (H)	Inside	Enhance

