

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	2327
0.2.2 Species name	Himantoglossum caprinum
0.2.3 Alternative species scientific name	Himantoglossum jankae
0.2.4 Common name	bíboros sallangvirág

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

J. Bódis – Z. Botta-Dukát (2008): Growth of *Himantoglossum adriaticum* and *H. caprinum* individuals, and relationship between sizes and flowering. *Acta Botanica Hungarica* 50(3-4): 257-274.

Sramkó G. – Hawkins, J. – Bateman, R.M. – Molnár V. Attila (2012): A *Himantoglossum* nemzetség evolúciója integratív filogenetikai megközelítésben. *Összefoglaló. Kitaibelia* 17(1): 56.

Erdős L., Dénes A., Kovács Gy., Tóth V., Pál R. (2010): Adatok a Villányi-hegység flórájának ismeretéhez; *Bot. Közlem.* 97(1–2): 97–112.

Molnár V. A. et al. (2012): *Himantoglossum jankae* (Orchidaceae: Orchidaceae), a new name for a long-misnamed lizard orchid, *Phytotaxa* 73:8-12, Magnolia Press

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

2.3 Range

2.3.1 Surface area - Range (km ²)	2200
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

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2.4 Population

2.4.1 Population size (individuals or agreed exception)	Unit	number of individuals (i)		
	min	1000	max	10000
2.4.2 Population size (other than individuals)	Unit	N/A		
	min		max	
2.4.3 Additional information	Definition of locality Conversion method Problems			
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	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	Improved knowledge/more accurate data Use of different method			

2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km ²)	0,17
2.5.2 Year or period	2007-2012
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: szukcessziós viszonyok, 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)	0,3
2.5.10 Reason for change	Improved knowledge/more accurate data Use of different method

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
modification of cultivation practices (A02)	medium importance (M)	N/A
use of biocides, hormones and chemicals (A07)	low importance (L)	N/A
Urbanised areas, human habitation (E01)	high importance (H)	N/A
railway lines, TGV (D01.04)	low importance (L)	N/A
Biocenotic evolution, succession (K02)	high importance (H)	N/A
damage by herbivores (including game species) (K04.05)	medium importance (M)	N/A

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invasive non-native species (I01)	medium importance (M)	N/A
Outdoor sports and leisure activities, recreational activities (G01)	medium importance (M)	N/A
Pollution to groundwater (point sources and diffuse sources) (H02)	low importance (L)	N/A
Taking / Removal of terrestrial plants, general (F04)	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)
modification of cultivation practices (A02)	medium importance (M)	N/A
use of biocides, hormones and chemicals (A07)	low importance (L)	N/A
Taking / Removal of terrestrial plants, general (F04)	medium importance (M)	N/A
Industrial or commercial areas (E02)	medium importance (M)	N/A
problematic native species (I02)	low importance (L)	N/A
Biocenotic evolution, succession (K02)	high importance (H)	N/A
railway lines, TGV (D01.04)	low importance (L)	N/A
Outdoor sports and leisure activities, recreational activities (G01)	medium importance (M)	N/A
damage by herbivores (including game species) (K04.05)	medium importance (M)	N/A
burning down (J01.01)	low importance (L)	N/A
invasive non-native species (I01)	high importance (H)	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

Bár országosan sokkal nagyobb lett az állomány nagyság, mint 2007-ben (500 tő), ez sok lokalitásban oszlik meg, a kis tőszámú állományok pedig igen sérülékenyek.

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

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3.1 Population

3.1.1 Population Size	Unit	number of individuals (i)		
	min	700	max	7000
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	medium importance (M)	Inside	Long term
Maintaining grasslands and other open habitats (2.1)	Recurrent	medium importance (M)	Both	Maintain Enhance
Establish protected areas/sites (6.1)	Legal One-off	high importance (H)	Inside	Long term

