

# 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	4104
0.2.2 Species name	Himantoglossum adriaticum
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	adriai 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	2007-2011
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

Bódis Judit - Molnár Edit (2009): Long-term monitoring of Himantoglossum adriaticum H. Baumann population in Keszthely Hills, Hungary = Himantoglossum adriaticum H. Baumann populáció hosszú távú monitorozása a Keszthelyi-hegységben Natura Somogyiensis, 2009. 15. sz. 27-39. old.

Bódis Judit (2008): A Himantoglossum adriaticum Keszthelyi-hegységbeli állományának hosszú távú dinamikája. Kitaibelia, 2008. (13. évf.) 1. sz. 99. old.

Bódis J. - Botta-Dukát Z. (2009): Growth of Himantoglossum adriaticum and H. caprinum individuals, and relationship between sizes and flowering. Acta botanica Hungarica, 2008. (50. évf.) 3-4. sz. 257-274. old.

Bauer N. (2007): Florisztikai adatok a Bakonyból és a Bakonyaljáról III. Kitaibelia, XII. évfolyam, 1. szám. 49. o.

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

### 2.3 Range

2.3.1 Surface area - Range (km <sup>2</sup> )	941
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 <sup>2</sup> ) operator more than (>) unkown No method
2.3.10 Reason for change	Improved knowledge/more accurate data

### 2.4 Population

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2.4.1 Population size (individuals or agreed exception)	Unit	number of individuals (i)		
	min	1150	max	1550
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	2007-2011			
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	decrease (-)			
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 <sup>2</sup> )	0,03		
2.5.2 Year or period	2007-2011		
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, területhasználat, inváziós fertőzöttség, védettség		
2.5.5 Short term trend period	2001-2012		
2.5.6 Short term trend direction	decrease (-)		
2.5.7 Long-term trend period			
2.5.8 Long term trend direction	N/A		
2.5.9 Area of suitable habitat (km <sup>2</sup> )	0,06		
2.5.10 Reason for change	Genuine Improved knowledge/more accurate data Use of different method		

## 2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
modification of cultivation practices (A02)	high importance (H)	N/A
mowing / cutting of grassland (A03)	high importance (H)	N/A
damage by herbivores (including game species) (K04.05)	high importance (H)	N/A
roads, motorways (D01.02)	high importance (H)	N/A
species composition change (succession) (K02.01)	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 othe	

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## 2.7 Main Threats

Threat	ranking	pollution qualifier(s)
modification of cultivation practices (A02)	high importance (H)	N/A
mowing / cutting of grassland (A03)	high importance (H)	N/A
Urbanised areas, human habitation (E01)	low importance (L)	N/A
roads, motorways (D01.02)	high importance (H)	N/A
damage by herbivores (including game species) (K04.05)	medium importance (M)	N/A
species composition change (succession) (K02.01)	high importance (H)	N/A
wildlife watching (G02.09)	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 declining (-)

2.9.3. Habitat assessment Inadequate (U1)  
qualifiers declining (-)

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 950 max 1250

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)	Both	Long term

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Maintaining grasslands and other open habitats (2.1)

Recurrent

high importance (H)

Both

Maintain  
Enhance  
Long term

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