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

0.1 Member State	**GR**
0.2.1 Species code	**1588**
0.2.2 Species name	**Viola athois**
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	N/A

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	Yes
1.1.5 Range map	Yes

2. Biogeographical Or Marine Level

2.1 Biogeographical Region

Mediterranean (MED)

2.2 Published sources

Becker W. 1902: Ergebnisse einer Revision der Violae des Herbarium Barbey-Boissier. – Bull. Herb. Boiss. 2, 2: 852-856.

Erben M. 1985: Cytotaxonomische Untersuchungen an südeuropäischen Viola-Arten der Sektion Melanium. – Mitt. Bot. München 21: 339-740.

Georghiou K., Delipetrou P., Kadis C., Doussi M., Bazos I., Ioannidou E., & Tsabassi G. 1996: Conservation and protection of endemic, rare and threatened plants of the Greek flora. Part B: Conservation and Protection status. Final report for PENED 91'ED 209. University of Athens, 67 p.

Karydas A. 2007: Monitoring and ex situ conservation of some endemic taxa of Agio Oros. – MSc, Postgraduate dissertation, University of Ioannina, Greece.

Karydas A. & Tiniakou A. 2009. Viola athois Becker. In: D. Phitos, T. Constantinidis & G. Kamari (eds), The Red Data Book of Rare and Threatened Plants of Greece, vol 2(E-Z): 383-384. – Patras: Hellenic Botanical Society (in Greek).

Raus Th. 1986: Viola L. In: Strid A. (ed.), Mountain Flora of Greece, 1: 608-640. – Cambridge: Cambridge University Press.

Schmidt A. 1963: Zytotaxonomische Untersuchungen an griechischen Viola-Arten der Sektion Melanium. – Österr. Bot. Zeitschr. 110: 285-293.

2.3 Range

2.3.1 Surface area - Range (km²)	5	
2.3.2 Method - Range surface area	Complete survey/Complete survey or a statistically robust estimate (3)	
2.3.3 Short-term trend period	2002-2012	
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 (km²)	
	operator	approximately equal to (≈)
	unkown	No
	method	The favourable reference range is defined as the sum of current and historic distribution. Several pre-1993 low-

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

	altitude localities which need confirmation and one 2010 locality at a marginal habitat have been excluded.
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	3000	max	4000
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	Estimate based on partial data with some extrapolation and/or modelling (2)			
2.4.6 Short-term trend period	2002-2012			
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	approximately equal to (≈)		
	unknown	No		
	method	The favourable reference value is defined as the maximum population size counted in 2007-2014.		
2.4.15 Reason for change	Improved knowledge/more accurate data			

2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km²)	0,7
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	The habitat of the species (rocky limestone slopes, rocks and screes) is widespread but not undisturbed at the subalpine zone of Athos.
2.5.5 Short term trend period	2002-2012
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 (km²)	5,5
2.5.10 Reason for change	Improved knowledge/more accurate data

2.6 Main Pressures

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

Pressure	ranking	pollution qualifier(s)
non intensive grazing (A04.02)	high importance (H)	N/A
disposal of inert materials (E03.03)	medium importance (M)	N/A
temperature changes (e.g. rise of temperature & extremes) (M01.01)	low importance (L)	N/A

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

2.7 Main Threats

Threat	ranking	pollution qualifier(s)
non intensive grazing (A04.02)	high importance (H)	N/A
disposal of inert materials (E03.03)	medium importance (M)	N/A
temperature changes (e.g. rise of temperature & extremes) (M01.01)	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	Note on 2.4.1. Population counts were made on Mt Athos. Population size estimation was made based on counts at 7 plots and a complete survey of the distribution area. A rough estimation of population density was used (14-20 individuals/100m2 in 10% of the area, 2-6 individuals/100m2 in 45% of the area and 1 individual/400m2 to 1 individual/200m2 in 10 % of the area).
2.8.3 Trans-boundary assessment	

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

2.9.1 Range	assessment	Favourable (FV)
	qualifiers	N/A
2.9.2. Population	assessment	Favourable (FV)
	qualifiers	N/A
2.9.3. Habitat	assessment	Inadequate (U1)
	qualifiers	N/A
2.9.4. Future prospects	assessment	Inadequate (U1)
	qualifiers	N/A
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	N/A	
	min		max
3.1.2 Method used	N/A		
3.1.3 Trend of population size within	N/A		

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

3.2 Conversation Measures