

# 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	1763
0.2.2 Species name	Artemisia eriantha
0.2.3 Alternative species scientific name	Artemisia umbelliformis Lam. Subp. Eriantha (Ten.) Vallès-Xirau & Olivia Brañas
0.2.4 Common name	N/A

## 1. National Level

### 1.1 Maps

1.1.1 Distribution Map	Yes
1.1.1a Sensitive species	Yes
1.1.2 Method used - map	Estimate based on partial data with some extrapolation and/or modelling (2)
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	<b>Mediterranean (MED)</b>
2.2 Published sources	1. Komninou, O. 2014. Recording of populations of the plant species Artemisia umbelliformis subsp. Eriantha on Mt. Olympus. Master Thesis. Aristotle University of Thessaloniki, Thessaloniki 2. Specimens deposited in the following Herbaria: ATH, C, G, Gr, Kit, MA, LD, R, RNG

### 2.3 Range

2.3.1 Surface area - Range (km <sup>2</sup> )	500
2.3.2 Method - Range surface area	Estimate based on partial data with some extrapolation and/or modelling (2)
2.3.3 Short-term trend period	1999-2012
2.3.4 Short-term trend direction	decrease (-)
2.3.5 Short-term trend magnitude	min                      max
2.3.6 Long-term trend period	
2.3.7 Long-term trend direction	unknown (x)
2.3.8 Long-term trend magnitude	min                      max
2.3.9 Favourable reference range	area (km <sup>2</sup> )              800 operator                      N/A unkown                      No method                      The Favourable Reference Range is based on the species' historical and current distribution.
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              N/A min                      max
2.4.2 Population size (other than individuals)	Unit              number of map 5x5 km grid cells (grids5x5) min              3                      max                      6
2.4.3 Additional information	Definition of locality Conversion method Problems

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

2.4.4 Year or period	2011-2012		
2.4.5 Method – population size	Complete survey/Complete survey or a statistically robust estimate (3)		
2.4.6 Short-term trend period			
2.4.7 Short term trend direction	unknown (x)		
2.4.8 Short-term trend magnitude	min	max	confidence interval
2.4.9 Short-term trend method	Absent data (0)		
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	The Favourable reference population is defined as larger than the size of the only population whose size has been estimated (on Mt Olympos). The plant was not found on Mt Grammos.	
2.4.15 Reason for change	Improved knowledge/more accurate data		

## 2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km <sup>2</sup> )	3		
2.5.2 Year or period	2011-2012		
2.5.3 Method used - habitat	Complete survey/Complete survey or a statistically robust estimate (3)		
2.5.4 a) Quality of habitat	Good		
2.5.4 b) Quality of habitat - method	The habitat of the species (rocky limestone slopes and stabilized screes) is apparently undisturbed at the higher altitudes of the Mts Olympos and Grammos		
2.5.5 Short term trend period	2001-2012		
2.5.6 Short term trend direction	unknown (x)		
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> )	3,5		
2.5.10 Reason for change	Improved knowledge/more accurate data Use of different method		

## 2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
off-road motorized driving (G01.03.02)	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)
off-road motorized driving (G01.03.02)	medium importance (M)	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 2.3.1. The current range includes 3 cells where the presence of the species was verified in the period 2007-2014 (Olympos, Tymfi) and 2 cells where its presence is also considered certain by expert's opinion (Tymfi, Smolikias, records 1975-1999). The current range does not include 3 cells on Grammos

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

where the species was present in 1999 but absent in 2013-2014.

Note on 2.4.2. The minimum population value corresponds to the localities where the presence of the species was verified in the period 2007-2014 and the maximum population value corresponds to all the localities of the current range. Population counts were made at only one of the localities of the species, Agios Antonios peak on Mt Olympos, in 2013, when a total of 908 tufts were counted.

## 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	declining (-)
2.9.2. Population	assessment	Unknown (XX)
	qualifiers	N/A
2.9.3. Habitat	assessment	Favourable (FV)
	qualifiers	N/A
2.9.4. Future prospects	assessment	Unknown (XX)
	qualifiers	N/A
2.9.5 Overall assessment of Conservation Status		Bad (U2)
2.9.5 Overall trend in Conservation Status		unknown (x)

## 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	

### 3.2 Conversation Measures