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	**1432**
0.2.2 Species name	**Globularia stygia**
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	Gkloboularia tis Stigias

1. National Level

1.1 Maps

1.1.1 Distribution Map	Yes
1.1.1a Sensitive species	No
1.1.2 Method used - map	Estimate based on partial data with some extrapolation and/or modelling (2)
1.1.3 Year or period	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	Morgan V., Leon C. 1992. Datasheets of flora species for revision of Appendix I of the Bern Convention. Volume IV. Council of Europe Press, Strasbourg Quézel P. 1964. Vegetatio 12:(Tableaux 1-34) Quézel P., Katrabassa M. 1974. Revue de biologie et d' ecologie mediterraneenne 1:11-26 Tan K., Iatrou G. 2001. Endemic Plants of Greece. The Peloponnese. Gads Publishers Ltd., Copenhagen Δημόπουλος Π. 1993. Χλωριδική και φυτοκοινωνιολογική έρευνα του όρους Κυλλήνη - Οικολογική προσέγγιση. Διδακτορική Διατριβή, Πανεπιστήμιο Πατρών, Τμήμα Β, Πάτρα Ιατρού Γ. 1986. Συμβολή στη μελέτη του ενδημισμού της χλωρίδας της Πελοποννήσου.. Διδακτορική Διατριβή. Πανεπιστήμιο Πατρών, Πάτρα Στρατάκη Φ. 1998. Τα φυτά της Οδηγίας 92/43 ΕΕ για την Ελλάδα. 'Status'-Απειλές-Νομοθεσία Προστασίας τους. Μεταπτυχιακό Δίπλωμα Ειδίκευσης. Πανεπιστήμιο Πατρών, Πάτρα

2.3 Range

2.3.1 Surface area - Range (km²)	200	
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	1998-2012	
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 based on the species' historical and current distribution
2.3.10 Reason for change		

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

2.4 Population

2.4.1 Population size (individuals or agreed exception)	Unit	number of individuals (i)		
	min	30000	max	60000
2.4.2 Population size (other than individuals)	Unit	N/A		
	min		max	
2.4.3 Additional information	Definition of locality			
	Conversion method			
	Problems	The species forms rosettes which are connected by underground rhizomes so that distinguishing individual plants is impossible. So, the number of rosettes (regardless of their size) was counted as a substitute for the number of individuals. Furthermore, individuals occur in abundance but at different densities at each of the many plant colonies at different localities. This makes exact estimates of population size very difficult.		
2.4.4 Year or period	2012			
2.4.5 Method – population size	Estimate based on expert opinion with no or minimal sampling (1)			
2.4.6 Short-term trend period	1998-2012			
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	Estimate based on expert opinion with no or minimal sampling (1)			
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	N/A		
	unknown	Yes		
	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 (km²)	0,12
2.5.2 Year or period	2012
2.5.3 Method used - habitat	Estimate based on partial data with some extrapolation and/or modelling (2)
2.5.4 a) Quality of habitat	Good
2.5.4 b) Quality of habitat - method	The species occurs in ravines, rock crevices, cliff ledges and open scree slopes. The habitat composition consists of the typical species of the habitat type, and it is apparently undisturbed throughout the distribution area. Only near the ski resort the habitat of the species has been slightly influenced due to human activities.
2.5.5 Short term trend period	1998-2012
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 (km²)	0,6
2.5.10 Reason for change	

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

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
hand collection (F04.02.02)	low importance (L)	N/A
skiing, off-piste (G01.06)	low importance (L)	N/A
grazing (A04)	low importance (L)	N/A

2.6.1 Method used – pressures: mainly based on expert judgement and other data (2)

2.7 Main Threats

Threat	ranking	pollution qualifier(s)
skiing, off-piste (G01.06)	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: The species is locally abundant, forming populations with thousands of individuals throughout Mt Chelmos, and also on Mt Kyllini and Mt Taygetos. The pressures and threats, despite human activities, do not cause significant disturbance and do not affect significantly the survival of the species. It is only at the locality of the ski resort that the plants are exposed to a more intensive pressure.
Note on 2.5.1, 2.5.9. The areas reported as habitat area and as suitable habitat for the species correspond to the minimum value of these parameters. In fact, both the habitat area and the suitable habitat are larger but these values cannot be estimated.

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	Favourable (FV)
	qualifiers	N/A
2.9.4. Future prospects	assessment	Favourable (FV)
	qualifiers	N/A

2.9.5 Overall assessment of Conservation Status: Favourable (FV)

2.9.5 Overall trend in Conservation Status: N/A

3. Natura 2000 coverage and conservation measures - Annex II species

3.1 Population

3.1.1 Population Size: Unit: number of individuals (i); min: 30000; max: 60000

3.1.2 Method used: Estimate based on expert opinion with no or minimal sampling (1)

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

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
Legal protection of habitats and species (6.3)	Legal	high importance (H)	Inside	Long term
Regulation/ Management of hunting and taking (7.1)	Legal	high importance (H)	Inside	Long term
Establish protected areas/sites (6.1)	Legal One-off	low importance (L)	Inside	Maintain Long term