

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	1671
0.2.2 Species name	Solenanthus albanicus
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	Estimate based on expert opinion with no or minimal sampling (1)
1.1.3 Year or period	1985-2007
1.1.4 Additional map	No
1.1.5 Range map	Yes

2. Biogeographical Or Marine Level

2.1 Biogeographical Region	Mediterranean (MED)
2.2 Published sources	<p>Zαγαλιάρης Δ.Ν.,1940, Herbarium macedonicum. Tertium et quartum mille, Sci. Ann. Fac. Phys. & Math. Univ. of Thessaloniki, 6: 38-139</p> <p>Σφήκας Γ.,1995, Επανεύρεση του Solenanthus albanicus στο Όρος Γράμος, Ανθοφ όρος 1</p> <p>Aldén B. 1976., Floristic reports from the high mountains of Pindos, Greece Bot. Notiser 129:297-321</p> <p>Strid A., Flora Hellenica Database, Copenhagen</p> <p>Χήτος Θ. 2009. Τα φυτά της Ηπείρου. Εκδόσεις Δίαυλος.</p>

2.3 Range

2.3.1 Surface area - Range (km ²)	200
2.3.2 Method - Range surface area	Estimate based on expert opinion with no or minimal sampling (1)
2.3.3 Short-term trend period	2001-2012
2.3.4 Short-term trend direction	unknown (x)
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 N/A unkown Yes method

2.3.10 Reason for change

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 2 max 2
2.4.3 Additional information	Definition of locality

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	Conversion method	Problems	
2.4.4 Year or period	1985-2007		
2.4.5 Method – population size	Estimate based on expert opinion with no or minimal sampling (1)		
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	N/A	
	unknown	Yes	
	method		
2.4.15 Reason for change			

2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km ²)	
2.5.2 Year or period	
2.5.3 Method used - habitat	Absent data (0)
2.5.4 a) Quality of habitat	Unknown
2.5.4 b) Quality of habitat - method	absent data
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 ²)	0
2.5.10 Reason for change	

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
Unknown threat or pressure (U)	()	N/A
2.6.1 Method used – pressures	N/A	

2.7 Main Threats

Threat	ranking	pollution qualifier(s)
Unknown threat or pressure (U)	()	N/A
2.7.1 Method used – threats	N/A	

2.8 Complementary Information

2.8.1 Justification of % thresholds for trends

2.8.2 Other relevant Information

1.1.3. the actual period is 1973-2007

2.4.4. the actual period is 1973-2007

2.3. The records of *Solenanthus albanicus* in Greece are few, from Mt Douskon (confirmed record), Mt Kakarditsa (confirmed record), and Mt Gramos (non confirmed record). The plant was described from Mt Douskon in 1896 and this

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locality may be at any side of the Greel-Albanian border. The plant was rediscovered there in 2006-2007 (Chitos 2009), when 1-2 plants were found. Aldén (1976) collected the plant on Mt Kakarditsa in 1973 and described it as *Solenanthus pindicus*. Zaganiaris (1940) collected the plant on Gramos Mt, and later Tsytilidis (Sfikas 1995) discovered 2 locations on the same mountain, but this record requires confirmation since the plants may belong to *Solenanthus scardicus*. The current range includes only the confirmed localities on Douskon and Kakarditsa.

In the area of the site GR1320002 there are the following records of the species:
1) Zaganiaris (1940) collected the plant at the alpine regions of Gramos Mt, but the sample (Zaganiaris 3099) has not been confirmed and the plant has not been found there since, so the locality is not included in the current range of the species; and
2) Tsytilidis (Sfikas 1995) discovered 2 localities on Gramos, but this record requires confirmation since the plants may belong to the species *Solenanthus scardicus*.
The current range includes only the confirmed localities on Douskon and Kakarditsa.

2.4.2. There is no estimation of number of individuals, hence population estimation was based on the two confirmed localities of the plant. It must be noted that Chitos (2009) discovered only 1-2 plants.

2.6. According to Sfikas (1995) the rarity of the plants on Gramos (which may belong to *Solenanthus albanicus*) is due to the intense grazing at its sites because it is a favourite forage both for cattle and for sheep and goats.

Note on 3.1. The species has been reorded in the Natura 2000 site GR2130013 (1976). The unconfirmed localities on Gramos are included in the Nature 2000 site GR2130002.

2.8.3 Trans-boundary assessment

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

2.9.1 Range	assessment Unknown (XX) qualifiers N/A
2.9.2. Population	assessment Unknown (XX) qualifiers N/A
2.9.3. Habitat	assessment Unknown (XX) qualifiers N/A
2.9.4. Future prospects	assessment Unknown (XX) qualifiers N/A
2.9.5 Overall assessment of Conservation Status	Unknown (XX)
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 map 5x5 km grid cells (grids5x5)
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min 1 max 1

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

3.1.3 Trend of population size within N/A

3.2 Conservation 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)	Both	Enhance 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	Enhance Long term