

# 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	1672
0.2.2 Species name	<b>Symphytum cycladense</b>
0.2.3 Alternative species scientific name	Symphytum davisii Wickens subsp. cycladense (Pawł.) Stearn
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	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

Stearn W.T. 1986: The Greek species of *Symphytum* (Boraginaceae). Ann. Mus. Goulandris 7: 175-220.

Snogerup S. & Snogerup B. 2009. *Symphytum davisii* Wickens subsp. *cycladense* (Pawł.) Stearn In: The Red Data Book of rare and threatened plants of Greece, Vol 2 (E-Z), Phitos D., Constantinidis T., Kamari G. (eds), pp. 340-341, Hellenic Botanical Society, Patras, Greece (in Greek).

Snogerup S. & Snogerup B. 2013. *Symphytum cycladense*. The IUCN Red List of Threatened Species. Version 2014.3. <[www.iucnredlist.org](http://www.iucnredlist.org)>.

### 2.3 Range

2.3.1 Surface area - Range (km <sup>2</sup> )	28
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	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 <sup>2</sup> ) operator approximately equal to (≈) unkown No method Favourable reference range was based on the sum of the historic and current distribution of the species. An old record from the island of Amorgos needs confirmation and is currently excluded.
2.3.10 Reason for change	

### 2.4 Population

2.4.1 Population size (individuals or agreed exception)	Unit	number of individuals (i)
	min	1100 max 2000

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2.4.2 Population size (other than individuals)	Unit	N/A		
	min		max	
2.4.3 Additional information	Definition of locality			
	Conversion method			
	Problems	Population size was estimated in 2014 and c. 1100 individuals were counted. This value is reported as minimum population size. The species also grows at inaccessible rocks and it is certain that the population size is larger. Since the species was observed to have an uneven occurrence pattern in its distribution area, it is not possible to predict the maximum number of individuals.		
2.4.4 Year or period	2012			
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	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	1100		
	operator	N/A		
	unknown	No		
	method	The favourable reference population was defined as the minimum number of individuals counted in 2014		

## 2.4.15 Reason for change

## 2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km <sup>2</sup> )	0,17
2.5.2 Year or period	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	Symphytum davisii subsp. cycladense grows on shady rocks, stone walls, scree and cliffs or the foot of cliffs, mostly along the northern and western parts of Sikinos and Kardiotissa islands. This habitat is widespread all over the islands and not under threat. Particularly some cliffs or large rocks may be difficult to access or inaccessible. The plant grows on both limestone and schistose rock types.
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> )	0
2.5.10 Reason for change	

## 2.6 Main Pressures

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Pressure	ranking	pollution qualifier(s)
garbage and solid waste (H05.01)	low importance (L)	N/A
invasive non-native species (I01)	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 other

## 2.7 Main Threats

Threat	ranking	pollution qualifier(s)
garbage and solid waste (H05.01)	low importance (L)	N/A
invasive non-native species (I01)	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 2.5.1: Habitat area estimation is the sum of the area actually covered by the population of the species.

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 1050 max 2000

3.1.2 Method used Complete survey/Complete survey or a statistically robust estimate (3)

3.1.3 Trend of population size within unknown (x)

### 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	Maintain Long term
Regulation/ Management of hunting and taking (7.1)	Legal	high importance (H)	Inside	Long term