

# 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	1842
0.2.2 Species name	<i>Androcymbium rechingeri</i>
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

### 2.2 Published sources

#### Mediterranean (MED)

Delipetrou P. 2013. *Androcymbium rechingeri*. The IUCN Red List of Threatened Species. Version 2014.3. <[www.iucnredlist.org](http://www.iucnredlist.org)>

Dimopoulos P., Bergmeier E., Georghiou K. & Thanos C.A. 2008: D.1: Final monitoring report 2005-2007 (CRETAPLANT: A Pilot Network of Plant Micro-Reserves in Western Crete-LIFE 04NAT\_GR\_000104). – National and Kapodistrian University of Athens.

Kypriotakis Z., Fournaraki C. & Karavas N. 1999: Management plan for Gramvousa. Final report of the project: Management and protection of threatened habitats of western Crete with priority habitats and species. – Life of Western Crete.

Kypriotakis Z., Fournaraki C. & Karavas N. 1999: Management plan for the site “Elafonisos”. Final report of the project: Management and protection of threatened habitats of western Crete with priority habitats and species. – Life of Western Crete.

MAICh 2005: ACTION A.1: Inventorying of the localities of the target species/habitats (CRETAPLANT: A Pilot Network of Plant Micro-Reserves in Western Crete. – LIFE 04NAT\_GR\_000104).

Phitos D. & Kypriotakis Z. 1995 : *Androcymbium rechingeri* Greuter. – Pp. 34-35. In: Phitos D. et al. (eds), The Red Data Book of Rare and Threatened Plants of Greece. – Athens: WWF.

### 2.3 Range

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2.3.1 Surface area - Range (km <sup>2</sup> )	140
2.3.2 Method - Range surface area	Complete survey/Complete survey or a statistically robust estimate (3)
2.3.3 Short-term trend period	1999-2012
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 (km <sup>2</sup> ) operator approximately equal to (≈) unknown No method
2.3.10 Reason for change	Use of different method

## 2.4 Population

2.4.1 Population size (individuals or agreed exception)	Unit number of individuals (i) min 500000 max 600000
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	2001-2012
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	Estimate based on partial data with some extrapolation and/or modelling (2)
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
2.4.15 Reason for change	

## 2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km <sup>2</sup> )	0,14
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 species grows on coastal sites with sandy soil in Western Crete. In many of the sites where the species occurs its habitat is disturbed by tourism and agricultural (greenhouses) activities
2.5.5 Short term trend period	1999-2012
2.5.6 Short term trend direction	decrease (-)

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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	Improved knowledge/more accurate data

## 2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
car parks and parking areas (D01.03)	high importance (H)	N/A
Urbanised areas, human habitation (E01)	high importance (H)	N/A
Agricultural structures, buildings in the landscape (E04.01)	high importance (H)	N/A
motorised vehicles (G01.03)	medium importance (M)	N/A
Vandalism (G05.04)	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)
car parks and parking areas (D01.03)	high importance (H)	N/A
Urbanised areas, human habitation (E01)	high importance (H)	N/A
Agricultural structures, buildings in the landscape (E04.01)	high importance (H)	N/A
motorised vehicles (G01.03)	medium importance (M)	N/A
Vandalism (G05.04)	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

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 declining (-)
2.9.4. Future prospects	assessment Inadequate (U1) qualifiers unknown (x)
2.9.5 Overall assessment of Conservation Status	Inadequate (U1)
2.9.5 Overall trend in Conservation Status	unknown (x)

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

### 3.1 Population

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## 3.1.1 Population Size

Unit number of individuals (i)  
 min 500000 max 600000

## 3.1.2 Method used

Complete survey/Complete survey or a statistically robust estimate (3)

## 3.1.3 Trend of population size within

stable (0)

## 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
Specific single species or species group management measures (7.4)	One-off	high importance (H)	Inside	Enhance
Other spatial measures (6.0)	Legal	medium importance (M)	Inside	Long term