

# 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	1843
0.2.2 Species name	<i>Fritillaria rhodocanakis</i>
0.2.3 Alternative species scientific name	<i>Fritillaria rhodocanakis</i> Orph. ex Baker subsp. <i>Rhodocanakis</i>
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	Yes
1.1.5 Range map	Yes

## 2. Biogeographical Or Marine Level

### 2.1 Biogeographical Region

#### Mediterranean (MED)

### 2.2 Published sources

Kamari G. 1991: The genus *Fritillaria* L. in Greece: taxonomy and karyology. – Bot. Chron. 10: 253-270.

Kamari G. 2009: *Fritillaria rhodocanakis* Orph. ex Baker. In: Phitos D., Constantinidis Th. & Kamari G. (eds), The Red Data Book of Rare and Threatened Plants of Greece, vol. 2(E-Z): 52-54. – Patras: Hellenic Botanical Society (in Greek).

Zaharof-Pourpoutidi, E. 1987: Biometric and karyological study of the genus *Fritillaria* L. from Greece. – Thessaloniki: Ph.D. Thesis, Aristotle University of Thessaloniki, 238 pp. [In Greek].

### 2.3 Range

2.3.1 Surface area - Range (km <sup>2</sup> )	76
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	2002-2012
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> ) 76 operator N/A unkown No method The Favourable reference range is based on the sum of the current and historical distribution of the species. Localities which are doubtful (according to expert opinion) or where hybrid populations occur were excluded.
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	number of individuals (i)
	min	300000 max 400000

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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	
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	2002-2012	
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	300000
	operator	N/A
	unknown	No
	method	The favourable reference population is defined as the minimum value estimated for the size of the species' population.
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> )	0,7
2.5.2 Year or period	2007-2012
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 habitat of the species (rocky limestone slopes) is widespread on the island of Ydra.
2.5.5 Short term trend period	2002-2012
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 (km <sup>2</sup> )	18
2.5.10 Reason for change	Improved knowledge/more accurate data

## 2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
non intensive grazing (A04.02)	low importance (L)	N/A
suppression of natural fires (J01.02)	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)
intensive goat grazing (A04.01.04)	low importance (L)	N/A
suppression of natural fires (J01.02)	low importance (L)	N/A
continuous urbanisation (E01.01)	low importance (L)	N/A

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damage by herbivores (including game species) (K04.05)      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

Fritillaria rhodocanakis forms pure populations only on Ydra island and on the small islets between Ydra and Argolida. Plants from the islet of Petrothalassa may not belong to Fritillaria rhodocanakis. The populations of S Argolida referred to as F. rhodocanakis subsp. argolica) are usually hybrids with Fritillaria spetsiotica and the populations of N Argolida and Korinthia are usually hybrids with Fritillaria graeca.

2.3.3. the actual short term trend period is 2007-2014

2.4.4. the actual period is 2007-2014

2.4.6. the actual short term trend period is 2007-2014

2.5.2. the actual period is 2007-2014

2.5.5. the actual short term trend period is 2007-2014

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      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