

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	1235
0.2.2 Species name	Chamaeleo chamaeleon
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	Koinos Chameleon

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	2012
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

Δημάκη, Μ. 2008. Οικολογία και φυσιολογία του χαμαιλέοντα (*Chamaeleo* spp.) στην Ελλάδα (διδακτορική διατριβή) Εθνικό και Καποδιστριακό Πανεπιστήμιο Αθηνών, 202 σελίδες. [📄](#)

Dimaki, M., Hundsdörfer, A.K, & Fritz, U. 2008. Eastern Mediterranean chameleons (*Chamaeleo chamaeleon*, *Ch. africanus*) are distinct. *Amphibia-Reptilia*. 29: 535-540.

2.3 Range

2.3.1 Surface area - Range (km ²)	1206,77
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	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 ²) operator approximately equal to (≈) unkown No method Complete survey for Samos only None of the known populations became extinct since 1994. FRV is the total of the range which excludes the unfavorable altitude areas.
2.3.10 Reason for change	

2.4 Population

2.4.1 Population size (individuals or agreed exception)	Unit number of individuals (i) min 10000 max 50000
2.4.2 Population size (other than individuals)	Unit N/A min max
2.4.3 Additional information	Definition of locality

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	Conversion method	The mean from a number of population density measurements was extrapolated to the total area of distribution.	
	Problems	There are no density measurements for Chios and Crete. There can be significant fluctuations in population density depending on the season. Expressing the results as a class was a safer option.	
2.4.4 Year or period	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	decrease (-)		
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	approximately equal to (≈)	
	unknown	No	
	method	Population decline was observed on the Samos population. However there can be significant fluctuations in population density depending on the season. FRV has been set at the current population class.	
2.4.15 Reason for change	Genuine Use of different method		

2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km ²)	876
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	Complete surveys have been conducted only on Samos island
2.5.5 Short term trend period	2001-2012
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 ²)	876
2.5.10 Reason for change	Improved knowledge/more accurate data Use of different method

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
fire and fire suppression (J01)	medium importance (M)	N/A
agricultural intensification (A02.01)	medium importance (M)	N/A
other patterns of habitation (E01.04)	low importance (L)	N/A
reduction or loss of specific habitat features (J03.01)	low importance (L)	N/A
roads, motorways (D01.02)	low importance (L)	N/A
collection of animals (insects, reptiles, amphibians.....) (F03.02.01)	medium importance (M)	N/A

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

2.7 Main Threats

Threat	ranking	pollution qualifier(s)
fire and fire suppression (J01)	medium importance (M)	N/A
agricultural intensification (A02.01)	medium importance (M)	N/A
other patterns of habitation (E01.04)	medium importance (M)	N/A
reduction or loss of specific habitat features (J03.01)	medium importance (M)	N/A
roads, motorways (D01.02)	medium importance (M)	N/A
collection of animals (insects, reptiles, amphibians.....) (F03.02.01)	medium importance (M)	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 range estimations do not include unfavorable altitude areas.

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 Inadequate (U1)
qualifiers N/A

2.9.3. Habitat assessment Favourable (FV)
qualifiers N/A

2.9.4. Future prospects assessment Inadequate (U1)
qualifiers N/A

2.9.5 Overall assessment of Conservation Status Inadequate (U1)

2.9.5 Overall trend in Conservation Status declining (-)

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