

# 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	1200
0.2.2 Species name	<i>Pelobates syriacus</i>
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	Pelovatis

## 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 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

### 2.2 Published sources

#### Mediterranean (MED)

- Bousbouras, D. & Ioannidis Y. (1994) Amphibien und Reptilien des Prespa-Nationalparks und der Gebirgsregion um Florina (Mazedonien, Griechenland). *Salamandra* 30(3): 209-220 [↗](#)
- Cattaneo, A. (2005) Observations on the herpetofauna of the Greek island of Kos (southern Sporades) with an unpublished case of micro-insular sympatry of two closely related Colubridae species: *Hierophis caspius* (Gmelin) and *Hierophis jugularis* (L.) *Atti Mus. Stor. nat. Maremma* 21: 79-91 [↗](#)
- Dzukic, G., Beskov, V., Sidorovska, V., Cogalniceanu, D. & Kalezic, M. L. (2008) Contemporary chorology of the spadefoot toads (*Pelobates* spp.) in the Balkan Peninsula *Journal Zeitschrift für Feldherpetologie* 15: 61–78 [↗](#)
- Eiselt J. (1988) Krötenfrösche (*Pelobates* gen., Amphibia salientia) in Türkisch-Thrakien und Griechenland. *Ann. Naturhist. Mus. Wien* 90(B): 51-59 [↗](#)
- Petrov B. (2004) The herpetofauna (Amphibia and Reptilia) of the Eastern Rhodopes (Bulgaria and Greece). In: Beron P., Popov A. (eds). *Biodiversity of Bulgaria. 2. Biodiversity of Eastern Rhodopes (Bulgaria and Greece)*. Pensoft & Nat. Mus. Natur. Hist., Sofia, 863-879. [↗](#)
- Sofianidou T. (1995) Population status of *Pelobates syriacus* in Greece. *Societas Europaea Herpetologica*. 8th O.G.M., Bonn, 23-27. VIII. [↗](#)
- Sofianidou, T. (1977) Studies on the biology and ecology of *Pelobates syriacus* Boettger (Anura: Pelobatidae). Dr. Thesis. Univ. of Thessaloniki. [↗](#)
- Sofianidou, T. (2000) The systematics of tetrapods. *Giachoudi-Giapouli*. p. 303-360 (in Greek). [↗](#)
- Tsunis, G. & Dimitropoulos, A. (1994) The amphibians and reptiles of Lesbos and Chios (Aegean islands, Greece). *Biologia Gallo-Hellenica* 22: 37-48

### 2.3 Range

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2.3.1 Surface area - Range (km <sup>2</sup> )	24451,01
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 <sup>2</sup> ) operator approximately equal to (≈) unkown No method A wide ranging species. 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	Improved knowledge/more accurate data Use of different method

## 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 1x1 km grid cells (grids1x1) min 7552 max 7929
2.4.3 Additional information	Definition of locality Conversion method Problems There are no adequate references or measurements regarding the population size or population densities. Based on the available data an estimation of the population using as unit the number of individuals doesn't seem feasible at this stage.
2.4.4 Year or period	2012
2.4.5 Method – population size	Estimate based on expert opinion with no or minimal sampling (1)
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	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 There are no indications or reports of population decline or abnormal population structure. FRV has been set at the current population level.
2.4.15 Reason for change	Improved knowledge/more accurate data Use of different method

## 2.5 Habitat for the Species

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2.5.1 Surface area - Habitat (km <sup>2</sup> )	7929
2.5.2 Year or period	2012
2.5.3 Method used - habitat	Estimate based on expert opinion with no or minimal sampling (1)
2.5.4 a) Quality of habitat	Good
2.5.4 b) Quality of habitat - method	A widely distributed species. Random surveys have been conducted in the distribution areas.
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 <sup>2</sup> )	29381
2.5.10 Reason for change	Improved knowledge/more accurate data Use of different method

## 2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
roads, motorways (D01.02)	low importance (L)	N/A
human induced changes in hydraulic conditions (J02)	medium importance (M)	N/A
modification of standing water bodies (J02.05.03)	medium importance (M)	N/A
Water abstractions from surface waters (J02.06)	medium importance (M)	N/A

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

## 2.7 Main Threats

Threat	ranking	pollution qualifier(s)
Sand and gravel extraction (C01.01)	low importance (L)	N/A
roads, motorways (D01.02)	low importance (L)	N/A
Industrial or commercial areas (E02)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
Soil pollution and solid waste (excluding discharges) (H05)	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 Unknown (XX) qualifiers N/A
2.9.3. Habitat	assessment Favourable (FV) qualifiers N/A

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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