

Report on the main results of the surveillance under Article 11 for Annex II, IV and V species (Annex B)

NATIONAL LEVEL

1. General information

1.1 Member State	GR
1.2 Species code	6991
1.3 Species scientific name	Pelophylax cretensis
1.4 Alternative species scientific name	Rana cretensis
1.5 Common name (in national language)	Kritikos vatrahos

2. Maps

2.1 Sensitive species	No
2.2 Year or period	2015
2.3 Distribution map	Yes
2.4 Distribution map Method used	Based mainly on extrapolation from a limited amount of data
2.5 Additional maps	Yes

3. Information related to Annex V Species (Art. 14)

3.1 Is the species taken in the wild/exploited?	No	
3.2 Which of the measures in Art. 14 have been taken?	a) regulations regarding access to property	No
	b) temporary or local prohibition of the taking of specimens in the wild and exploitation	No
	c) regulation of the periods and/or methods of taking specimens	No
	d) application of hunting and fishing rules which take account of the conservation of such populations	No
	e) establishment of a system of licences for taking specimens or of quotas	No
	f) regulation of the purchase, sale, offering for sale, keeping for sale or transport for sale of specimens	No
	g) breeding in captivity of animal species as well as artificial propagation of plant species	No
	h) other measures	No

Report on the main results of the surveillance under Article 11 for Annex II, IV and V species (Annex B)

3.3 Hunting bag or quantity taken in the wild for Mammals and Acipenseridae (Fish)

a) Unit

b) Statistics/ quantity taken	Provide statistics/quantity per hunting season or per year (where season is not used) over the reporting period					
	Season/ year 1	Season/ year 2	Season/ year 3	Season/ year 4	Season/ year 5	Season/ year 6
Min. (raw, ie. not rounded)						
Max. (raw, ie. not rounded)						
Unknown	No	No	No	No	No	No

3.4. Hunting bag or quantity taken in the wild Method used

3.5. Additional information

BIOGEOGRAPHICAL LEVEL

4. Biogeographical and marine regions

4.1 Biogeographical or marine region where the species occurs

Mediterranean (MED)

4.2 Sources of information

Beerli, P., Hotz, H. Tunner, H., Heppich, S. and Uzzell, T., 1994, Two new water frog species from the Aegean islands Crete and Karpathos (Amphibia, Salientia, Ranidae), *Notulae Naturae* 470, 1-9, Academy of Natural Sciences of Philadelphia.

Beerli, P., Hotz, H. and Uzzell, T., 1996. Geologically dated sea barriers calibrate a protein clock for Aegean water frogs, *Evolution* 50(4), 1676-1687.

Valakos, E., Pafilis, P., Sotiropoulos, K., Lymberakis, P., Maragou, P., Foufopoulos, J. 2008 *The Amphibians and Reptiles of Greece*. 463pp Chimaira Editions

5. Range

5.1 Surface area

638.49

5.2 Short-term trend Period

2007-2018

5.3 Short-term trend Direction

Stable (0)

5.4 Short-term trend Magnitude

a) Minimum

b) Maximum

5.5 Short-term trend Method used

Based mainly on extrapolation from a limited amount of data

5.6 Long-term trend Period

5.7 Long-term trend Direction

5.8 Long-term trend Magnitude

a) Minimum

b) Maximum

5.9 Long-term trend Method used

Report on the main results of the surveillance under Article 11 for Annex II, IV and V species (Annex B)

5.10 Favourable reference range	a) Area (km ²)	
	b) Operator	Approximately equal to (≈)
	c) Unknown	
	d) Method	An island endemic species. The range is the total of the island area excluding the unfavourable altitude range.

5.11 Change and reason for change in surface area of range	Improved knowledge/more accurate data
	Use of different method
	The change is mainly due to: Improved knowledge/more accurate data

5.12 Additional information

6. Population

6.1 Year or period 2015

6.2 Population size (in reporting unit)	a) Unit	number of map 1x1 km grid cells (grids1x1)
	b) Minimum	489
	c) Maximum	528
	d) Best single value	

6.3 Type of estimate Best estimate

6.4 Additional population size (using population unit other than reporting unit)	a) Unit	
	b) Minimum	
	c) Maximum	
	d) Best single value	

6.5 Type of estimate

6.6 Population size Method used Based mainly on expert opinion with very limited data

6.7 Short-term trend Period 2007-2018

6.8 Short-term trend Direction Unknown (x)

6.9 Short-term trend Magnitude	a) Minimum	
	b) Maximum	
	c) Confidence interval	

6.10 Short-term trend Method used Insufficient or no data available

6.11 Long-term trend Period

6.12 Long-term trend Direction

6.13 Long-term trend Magnitude	a) Minimum	
	b) Maximum	
	c) Confidence interval	

6.14 Long-term trend Method used

6.15 Favourable reference population (using the unit in 6.2 or 6.4)	a) Population size	
	b) Operator	Approximately equal to (≈)
	c) Unknown	
	d) Method	There were no previous estimations of population. FRV

Report on the main results of the surveillance under Article 11 for Annex II, IV and V species (Annex B)

has been set at the current population level.

6.16 Change and reason for change in population size

No change
The change is mainly due to:

6.17 Additional information

There are no adequate references or measurements regarding the population size or the 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.

7. Habitat for the species

7.1 Sufficiency of area and quality of occupied habitat

- a) Are area and quality of occupied habitat sufficient (for long-term survival)? No
- b) Is there a sufficiently large area of unoccupied habitat of suitable quality (for long-term survival)? Unknown

7.2 Sufficiency of area and quality of occupied habitat Method used

Based mainly on expert opinion with very limited data

7.3 Short-term trend Period

2007-2018

7.4 Short-term trend Direction

Decreasing (-)

7.5 Short-term trend Method used

Based mainly on expert opinion with very limited data

7.6 Long-term trend Period

7.7 Long-term trend Direction

7.8 Long-term trend Method used

7.9 Additional information

The surface area of the habitat is estimated at 528 km² and its quality is moderate. The area of suitable habitat is 1143 km². Seasonal surveys have been conducted in the distribution areas.

8. Main pressures and threats

8.1 Characterisation of pressures/threats

Pressure	Ranking
Construction or modification (e.g. of housing and settlements) in existing urban or recreational areas (F02)	H
Other invasive alien species (other than species of Union concern) (I02)	M
Abstraction from groundwater, surface water or mixed water (K01)	H
Conversion from other land uses to housing, settlement or recreational areas (excluding drainage and modification of coastline, estuary and coastal conditions) (F01)	H
Modification of hydrological flow (K04)	H
Threat	Ranking
Conversion from other land uses to housing, settlement or recreational areas (excluding drainage and modification of	H

Report on the main results of the surveillance under Article 11 for Annex II, IV and V species (Annex B)

coastline, estuary and coastal conditions) (F01)

Construction or modification (e.g. of housing and settlements) H
in existing urban or recreational areas (F02)

Other invasive alien species (other than species of Union concern) (I02) M

Abstraction from groundwater, surface water or mixed water (K01) H

Abiotic natural processes (e.g. erosion, silting up, drying out, submersion, salinization) (L01) M

Other human intrusions and disturbance not mentioned above (H08) M

Droughts and decreases in precipitation due to climate change (N02) M

Modification of hydrological flow (K04) H

8.2 Sources of information

PRESSURES: Based mainly on expert judgement and other data.
THREATS: Based on expert opinion.

8.3 Additional information

9. Conservation measures

9.1 Status of measures

a) Are measures needed? No

b) Indicate the status of measures

9.2 Main purpose of the measures taken

9.3 Location of the measures taken

9.4 Response to the measures

9.5 List of main conservation measures

9.6 Additional information

10. Future prospects

10.1 Future prospects of parameters

a) Range Good
b) Population Unknown
c) Habitat of the species Poor

10.2 Additional information

11. Conclusions

11.1. Range Favourable (FV)

11.2. Population Unknown (XX)

11.3. Habitat for the species Unfavourable - Inadequate (U1)

11.4. Future prospects Unfavourable - Inadequate (U1)

Report on the main results of the surveillance under Article 11 for Annex II, IV and V species (Annex B)

11.5 Overall assessment of Conservation Status

Unfavourable - Inadequate (U1)

11.6 Overall trend in Conservation Status

Unknown (x)

11.7 Change and reasons for change in conservation status and conservation status trend

a) Overall assessment of conservation status

No change

The change is mainly due to:

b) Overall trend in conservation status

No change

The change is mainly due to:

11.8 Additional information

12. Natura 2000 (pSCIs, SCIs and SACs) coverage for Annex II species

12.1 Population size inside the pSCIs, SCIs and SACs network (on the biogeographical/marine level including all sites where the species is present)

- a) Unit
- b) Minimum
- c) Maximum
- d) Best single value

12.2 Type of estimate

12.3 Population size inside the network Method used

12.4 Short-term trend of population size within the network Direction

12.5 Short-term trend of population size within the network Method used

12.6 Additional information

13. Complementary information

13.1 Justification of % thresholds for trends

13.2 Trans-boundary assessment

13.3 Other relevant Information

The range estimations do not include unfavorable altitude areas.