

# 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	1209
1.3 Species scientific name	<b>Rana dalmatina</b>
1.4 Alternative species scientific name	Rana temporaria
1.5 Common name (in national language)	Pedovatrahos

### 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

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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

Schneider, H., T. S. Sofianidou, and P. Kyriakopoulou-Sklavounou. 1988. Calling behaviour and calls of *Rana dalmatina* (Anura, Ranidae) in Greece. *Zool. Jb. Physiol.* 92:231-243;

Buttle, D. (1987) Observations on some of the herpetofauna of the Peloponnese. *Br. herpet. Soc. Bull.* 20:8-14;

Speybroeck, J. (2004) Herpetological trip to northern Greece. 30 April - 14 May 2004 MS (<http://www.hylawerkgroep.be/jeroen/>) 55p

### 5. Range

5.1 Surface area

25946.37

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

5.10 Favourable reference range

a) Area (km<sup>2</sup>)

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b) Operator Approximately equal to ( $\approx$ )  
 c) Unknown  
 d) Method A wide ranging species in mainland Greece. None of the known populations became extinct since 1994. FRV is the total of the range which excludes the unfavorable altitude areas.

## 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 3230  
 c) Maximum 3826  
 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 extrapolation from a limited amount of data

### 6.7 Short-term trend Period

2007-2018

### 6.8 Short-term trend Direction

Stable (0)

### 6.9 Short-term trend Magnitude

a) Minimum  
 b) Maximum  
 c) Confidence interval

### 6.10 Short-term trend Method used

Based mainly on expert opinion with very limited data

### 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 ( $\approx$ )  
 c) Unknown

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## d) Method

There were no previous estimations of population. However there are no indications or reports of significant population decline. FRV 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)?

Yes

b) Is there a sufficiently large area of unoccupied habitat of suitable quality (for long-term survival)?

### 7.2 Sufficiency of area and quality of occupied habitat Method used

Based mainly on extrapolation from a limited amount of data

### 7.3 Short-term trend Period

2007-2018

### 7.4 Short-term trend Direction

Stable (0)

### 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 3826 km<sup>2</sup> and its quality is good. The area of suitable habitat is 10889 km<sup>2</sup>. A widely distributed generalist species. Random surveys have been conducted in the distribution areas.

## 8. Main pressures and threats

### 8.1 Characterisation of pressures/threats

Pressure	Ranking
Mixed source pollution to surface and ground waters (limnic and terrestrial) (J01)	M

Threat	Ranking
Mixed source pollution to surface and ground waters (limnic and terrestrial) (J01)	M

### 8.2 Sources of information

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

### 8.3 Additional information

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## 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

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9.6 Additional information

## 10. Future prospects

10.1 Future prospects of parameters

a) Range Good

b) Population Good

c) Habitat of the species Good

10.2 Additional information

## 11. Conclusions

11.1. Range

Favourable (FV)

11.2. Population

Favourable (FV)

11.3. Habitat for the species

Favourable (FV)

11.4. Future prospects

Favourable (FV)

11.5 Overall assessment of Conservation Status

Favourable (FV)

11.6 Overall trend in Conservation Status

Stable (=)

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

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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.