

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 | 6938 |
| 1.3 Species scientific name | Pelophylax ridibundus |
| 1.4 Alternative species scientific name | Rana ridibunda |
| 1.5 Common name (in national language) | Limniovatrahos, mpakakas |

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

Sinsch, U. and Schneider, H. 1999. Taxonomic reassessment of Middle Eastern water frogs: Morphological variation among populations considered as *Rana ridibunda*, *R. bedriagae* or *R. levantina*. *Journal of Zoological Systematics and Evolutionary Research*: 67.

Lymberakis, P., Poulakakis, N., Manthalous, G., Tsigenopoulos, C.S., Magoulas, A. and Mylonas, M. 2007. Mitochondrial phylogeography of *Rana* (Pelophylax) populations in the Eastern Mediterranean region. *Molecular Phylogenetics and Evolution* 44: 115–125.

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

5. Range

5.1 Surface area

15460.49

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

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5.9 Long-term trend Method used

5.10 Favourable reference range

- a) Area (km²)
- b) Operator
- c) Unknown
- d) Method

Approximately equal to (≈)

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 2851
- c) Maximum 3295
- 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

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

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| | |
|---|---|
| 6.15 Favourable reference population (using the unit in 6.2 or 6.4) | <p>a) Population size</p> <p>b) Operator Approximately equal to (≈)</p> <p>c) Unknown</p> <p>d) Method There were no previous estimations of the population. However, there are no indications or reports of significant population decline. FRV has been set at the current population level.</p> |
| 6.16 Change and reason for change in population size | <p>No change</p> <p>The change is mainly due to:</p> |
| 6.17 Additional information | <p>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.</p> |

7. Habitat for the species

| | |
|---|--|
| 7.1 Sufficiency of area and quality of occupied habitat | <p>a) Are area and quality of occupied habitat sufficient (for long-term survival)? Yes</p> <p>b) Is there a sufficiently large area of unoccupied habitat of suitable quality (for long-term survival)?</p> |
| 7.2 Sufficiency of area and quality of occupied habitat Method used | <p>Based mainly on extrapolation from a limited amount of data</p> |
| 7.3 Short-term trend Period | <p>2007-2018</p> |
| 7.4 Short-term trend Direction | <p>Stable (0)</p> |
| 7.5 Short-term trend Method used | <p>Based mainly on extrapolation from a limited amount of data</p> |
| 7.6 Long-term trend Period | |
| 7.7 Long-term trend Direction | |
| 7.8 Long-term trend Method used | |
| 7.9 Additional information | <p>The surface area of the habitat is estimated at 3295 km² and its quality is good. The area of suitable habitat is 7308 km². A generalist species. Random surveys have been conducted in the distribution areas.</p> |

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.

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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 | Good |

10.2 Additional information

11. Conclusions

11.1. Range

Favourable (FV)

11.2. Population

Unknown (XX)

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

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

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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.