

# 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                        | 2617                   |
| 1.3 Species scientific name             | <b>Myomimus roachi</b> |
| 1.4 Alternative species scientific name |                        |
| 1.5 Common name (in national language)  | Mioxos toy Roach       |

### 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/<br>quantity taken | Provide statistics/quantity per hunting season or per year (where season is not used) over the reporting period |                   |                   |                   |                   |                   |
|----------------------------------|---|-------------------|-------------------|-------------------|-------------------|-------------------|
|                                  | Season/<br>year 1   | Season/<br>year 2 | Season/<br>year 3 | Season/<br>year 4 | Season/<br>year 5 | Season/<br>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

Kryštufek, b., and v. Vohralik. 2005. Mammals of Turkey and Cyprus: Rodentia I: Sciuridae, Dipodidae, Gliridae, Arvicolinae. Koper : Zgodovinsko društvo za južno Primorsko : Univerza na Primorskem, Znanstveno-raziskovalno središče, Založba Annales.

Milchev B., Georgiev V., 2012, Roach's mouse-tailed dormouse *Myomimus roachi* distribution and conservation in Bulgaria, *Hystrix, the Italian Journal of Mammalogy*, Volume 23 (2): 67–71.

Mitchell-Jones, A.J., Amori, G., Bogdanowicz, W., Krystufek, B., Reijnders, P.J.H., Spitzenberger, F., Stubbe, M., Thissen, J.B.M., Vohralik, V., Zima, J., 1999. The Atlas of European Mammals. Academic Press, London, UK.

Kryštufek, B. 2008. *Myomimus roachi*. The IUCN Red List of Threatened Species. Version 2014.3. <[www.iucnredlist.org](http://www.iucnredlist.org)>. Downloaded on 23 November 2014.

### 5. Range

5.1 Surface area

3222

5.2 Short-term trend Period

2007-2018

5.3 Short-term trend Direction

Decreasing (-)

5.4 Short-term trend Magnitude

a) Minimum

b) Maximum

5.5 Short-term trend Method used

Based mainly on expert opinion with very limited 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 (km<sup>2</sup>)
- b) Operator
- c) Unknown x
- d) Method Expert judgment.

5.11 Change and reason for change in surface area of range

No change  
The change is mainly due to:

5.12 Additional information

## 6. Population

6.1 Year or period

2015

6.2 Population size (in reporting unit)

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

6.3 Type of 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

Insufficient or no data available

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
- c) Unknown x
- d) Method

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## 6.16 Change and reason for change in population size

No change  
The change is mainly due to:

## 6.17 Additional information

## 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)? **Unknown**  
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

Insufficient or no data available

### 7.3 Short-term trend Period

2007-2018

### 7.4 Short-term trend Direction

Unknown (x)

### 7.5 Short-term trend Method used

Insufficient or no data available

### 7.6 Long-term trend Period

### 7.7 Long-term trend Direction

### 7.8 Long-term trend Method used

### 7.9 Additional information

Decreasing due to intensification of agriculture.

## 8. Main pressures and threats

### 8.1 Characterisation of pressures/threats

| Pressure  | Ranking |
|---|---------|
| Removal of small landscape features for agricultural land parcel consolidation (hedges, stone walls, rushes, open ditches, springs, solitary trees, etc.) (A05) | H       |
| Conversion into agricultural land (excluding drainage and burning) (A01)  | M       |
| Threat  | Ranking |
| Fire (natural) (M09)  | M       |
| Removal of small landscape features for agricultural land parcel consolidation (hedges, stone walls, rushes, open ditches, springs, solitary trees, etc.) (A05) | H       |
| Conversion from one type of agricultural land use to another (excluding drainage and burning) (A02)   | H       |

### 8.2 Sources of information

PRESSURES: Mainly based 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

()

### 9.6 Additional information

## 10. Future prospects

### 10.1 Future prospects of parameters

- a) Range Unknown
- b) Population Unknown
- c) Habitat of the species Unknown

### 10.2 Additional information

## 11. Conclusions

### 11.1. Range

Unknown (XX)

### 11.2. Population

Unknown (XX)

### 11.3. Habitat for the species

Unknown (XX)

### 11.4. Future prospects

Unknown (XX)

### 11.5 Overall assessment of Conservation Status

Unknown (XX)

### 11.6 Overall trend in Conservation Status

### 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<br>b) Minimum<br>c) Maximum<br>d) Best single value |
| 12.2 Type of estimate   |   |
| 12.3 Population size inside the network Method used   | Insufficient or no data available                           |
| 12.4 Short-term trend of population size within the network Direction   | Unknown (x)   |
| 12.5 Short-term trend of population size within the network Method used   | Insufficient or no data available                           |
| 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 of this species is in decline. In European Turkey, most of its habitat has been transformed by agriculture. In spite of intensive searches the species has not been found over the last five years. It is clear that the range is shrinking. It is very difficult to determine what is happening with the range because the exact habitat preferences are not known. It has been declining since the Pleistocene. Only 50 animals are known in collections. The region in European Turkey and Bulgaria is intensively cultivated, with very little natural habitat remaining." - Kryštufek, B. 2008. *Myomimus roachi*. The IUCN Red List of Threatened Species. Version 2014.3. <[www.iucnredlist.org](http://www.iucnredlist.org)>. Possible trans-boundary presence across greek -bulgarian and greek - turkish borders.