

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	2617
0.2.2 Species name	Myomimus roachi
0.2.3 Alternative species scientific name	Myomimus roachi
0.2.4 Common name	Mioxos toy Roach

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

Mediterranean (MED)

2.2 Published sources

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. [\[2\]](#)

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. [\[2\]](#)

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. [\[2\]](#)

Kryštufek, B. 2008. *Myomimus roachi*. The IUCN Red List of Threatened Species. Version 2014.3. <www.iucnredlist.org>. Downloaded on 23 November 2014."

2.3 Range

2.3.1 Surface area - Range (km ²)	3222
2.3.2 Method - Range surface area	Estimate based on expert opinion with no or minimal sampling (1)
2.3.3 Short-term trend period	2001-2012
2.3.4 Short-term trend direction	decrease (-)
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 ²) operator N/A unkown Yes method Expert judgment

2.3.10 Reason for change

2.4 Population

2.4.1 Population size (individuals or agreed exception)	Unit N/A min max
---	---

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

2.4.2 Population size (other than individuals)	Unit	N/A		
	min		max	
2.4.3 Additional information	Definition of locality			
	Conversion method			
	Problems			
2.4.4 Year or period	2012			
2.4.5 Method – population size	Absent data (0)			
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	Absent data (0)			
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	N/A		
	unknown	Yes		
	method	Expert judgement		
2.4.15 Reason for change				

2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km ²)	
2.5.2 Year or period	2012
2.5.3 Method used - habitat	Absent data (0)
2.5.4 a) Quality of habitat	Unknown
2.5.4 b) Quality of habitat - method	Decreasing due to intensification of agriculture
2.5.5 Short term trend period	2001-2012
2.5.6 Short term trend direction	unknown (x)
2.5.7 Long-term trend period	
2.5.8 Long term trend direction	N/A
2.5.9 Area of suitable habitat (km ²)	0
2.5.10 Reason for change	

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
removal of hedges and copses or scrub (A10.01)	high importance (H)	N/A
agricultural intensification (A02.01)	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)
fire (natural) (L09)	medium importance (M)	N/A
removal of hedges and copses or scrub (A10.01)	high importance (H)	N/A
crop change (A02.02)	high importance (H)	N/A

2.7.1 Method used – threats expert opinion (1)

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

2.8 Complementary Information

2.8.1 Justification of % thresholds for trends

2.8.2 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." - Kryš tufek, B. 2008. *Myomimus roachi*. The IUCN Red List of Threatened Species. Version 2014.3. <www.iucnredlist.org>. Possible trans-boundary presence across greek -bulgarian and greek - turkish borders

2.8.3 Trans-boundary assessment

2.9 Conclusions (assessment of conservation status at end of reporting period)

2.9.1 Range	assessment Unknown (XX) qualifiers N/A
2.9.2. Population	assessment Unknown (XX) qualifiers N/A
2.9.3. Habitat	assessment Unknown (XX) qualifiers N/A
2.9.4. Future prospects	assessment Unknown (XX) qualifiers N/A
2.9.5 Overall assessment of Conservation Status	Unknown (XX)
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	Absent data (0)
3.1.3 Trend of population size within	N/A

3.2 Conversation Measures

3.2.1 Measure	3.2.2 Type	3.2.3 Ranking	3.2.4 Location	3.2.5 Broad Evaluation
Establish protected areas/sites (6.1)	Legal One-off	medium importance (M)	Inside	Long term Unknown