

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	6263
0.2.2 Species name	Pelasgus epiroticus
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	Ipeirotiki Tsimia

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	2007-2012
1.1.4 Additional map	Yes
1.1.5 Range map	Yes

2. Biogeographical Or Marine Level

2.1 Biogeographical Region

Mediterranean (MED)

2.2 Published sources

Λεγάκις Α. & Μαραγκού Π. (2009). Το Κόκκινο Βιβλίο των Απειλούμενων Ζώων της Ελλάδας. Ελληνική Ζωολογική Εταιρεία, Αθήνα.

Kottelat M. & Freyhof J. (2007). Handbook of European freshwater fishes. Kottelat, Cornol, Switzerland and Freyhof, Berlin, Germany.

Leonardos I., Pashos I. & Prassa M. (2005). Threatened fishes of the world: Phoxinellus epiroticus (Steindachner, 1895) (Cyprinidae). Environmental Biology of Fishes 72: 250.

Perdikaris K., Nathanailides K., Gouva E., Karipoglou K., Leonardos I. & Pashos, I. (2003). Population collapse of Phoxinellus epiroticus (Cyprinidae). In: Lake Pamvotis 11th Panell. Congress Of Ichthyology pp: 269–272.

Economou A.N., Giakoumi S., Vardakas L., Barbieri R., Stoumboudi M. & Zogaris S. (2007). The freshwater ichthyofauna of Greece: an update based on a hydrographic basin survey. Mediterranean Marine Science, 8 (1): 91-168.

2.3 Range

2.3.1 Surface area - Range (km ²)	38
2.3.2 Method - Range surface area	Estimate based on partial data with some extrapolation and/or modelling (2)
2.3.3 Short-term trend period	2001-2012
2.3.4 Short-term trend direction	stable (0)
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 approximately equal to (≈) unkown No method Basic assumption: Favourable Reference Range = Surface Area Range (current range)

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

2.3.10 Reason for change

2.4 Population

2.4.1 Population size (individuals or agreed exception)	Unit	N/A		
	min		max	
2.4.2 Population size (other than individuals)	Unit	number of map 1x1 km grid cells (grids1x1)		
	min	38	max	38
2.4.3 Additional information	Definition of locality			
	Conversion method			
	Problems	Few samples, making it difficult to extrapolate a number or a class for reporting population unit.		
2.4.4 Year or period	2006-2012			
2.4.5 Method – population size	Estimate based on partial data with some extrapolation and/or modelling (2)			
2.4.6 Short-term trend period	2001-2012			
2.4.7 Short term trend direction	decrease (-)			
2.4.8 Short-term trend magnitude	min	max	confidence interval	
2.4.9 Short-term trend method	Estimate based on partial data with some extrapolation and/or modelling (2)			
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	approximately equal to (≈)		
	unknown	No		
	method	Basic assumption: Favourable Reference Population = value extracted from Additional Range Map		

2.4.15 Reason for change

2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km ²)	38
2.5.2 Year or period	2006-2012
2.5.3 Method used - habitat	Estimate based on partial data with some extrapolation and/or modelling (2)
2.5.4 a) Quality of habitat	Bad
2.5.4 b) Quality of habitat - method	Based on partial data with some extrapolation and expert judgment.
2.5.5 Short term trend period	2001-2012
2.5.6 Short term trend direction	decrease (-)
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

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

Pressure	ranking	pollution qualifier(s)
Discharges (E03)	medium importance (M)	N/A
invasive non-native species (I01)	high importance (H)	N/A
management of aquatic and bank vegetation for drainage purposes (J02.10)	low importance (L)	N/A
Fishing and harvesting aquatic resources (F02)	medium importance (M)	N/A
surface water abstractions for agriculture (J02.06.01)	low importance (L)	N/A

2.6.1 Method used – pressures based only on expert judgements (1)

2.7 Main Threats

Threat	ranking	pollution qualifier(s)
Discharges (E03)	medium importance (M)	N/A
invasive non-native species (I01)	high importance (H)	N/A
management of aquatic and bank vegetation for drainage purposes (J02.10)	low importance (L)	N/A
Fishing and harvesting aquatic resources (F02)	medium importance (M)	N/A
surface water abstractions for agriculture (J02.06.01)	low importance (L)	N/A

2.7.1 Method used – threats expert opinion (1)

2.8 Complementary Information

2.8.1 Justification of % thresholds for trends

2.8.2 Other relevant Information

The % threshold could not be used for the assessment since: a) a different method for assessing range was employed, compared to the 2nd Reporting

1. An extremely range-restricted minnow endemic to Lake Pamvotis and the surrounding area; the taxonomic status of the populations in basin near the Lake (e.g. Lake Zaravina) are still not investigated. Though there are older reports of its presence in Louros River, this was not confirmed in all recent surveys, and was probably a misidentification. The Lake Pamvotis population collapsed in the late 1990s, with only single individuals recorded during the last decade. Both the lake's increasing pollution and the introduction of alien species are implicated in this dramatic decline. Its habitat includes lake and canal waters often in association with springs and rich aquatic vegetation.
2. Basic Assumptions:
 - i) "Surface Area Range" (field 2.3.1) = value extracted from "Range Map" (field 1.1.5).
 - ii) "Favourable Reference Range" (field 2.3.9a) = a) "Surface Area Range" (field 2.3.1) OR b) value extracted from "Additional Reference Range Map" (provided). Depends on whether the Favourable range is equal or larger than actual species range.
 - iii) "Population Size" (field 2.4.2) = value extracted from "Distribution Map" (field 1.1.1) or "Additional Distribution Map" (field 1.1.4) (when provided).
 - iv) "Favourable Reference Population" (field 2.4.14) = a) "Population Size" (field 2.4.2) OR b) value extracted from "Additional Reference Range Map" (provided). Depends on whether the Favourable population is equal or larger than actual species population.
 - v) Habitat "Area Estimation" (field 2.5.1) = "Distribution Map" (field 1.1.1) or "Additional Distribution Map" (field 1.1.4) (when provided).
3. Population assessment took into account, besides Favourable Reference Population (grid), population structure and reproduction trends. In several

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

Samplings, in Lake Pamvotis and neighbouring canals, species is rarely sampled. Additionally, professional fisherman in Lake Pamvotis declare that the last 6 years rarely do they catch the species, considering that large numbers were caught in previous years.

2.8.3 Trans-boundary assessment

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

2.9.1 Range	assessment Favourable (FV) qualifiers N/A
2.9.2. Population	assessment Bad (U2) qualifiers declining (-)
2.9.3. Habitat	assessment Bad (U2) qualifiers declining (-)
2.9.4. Future prospects	assessment Bad (U2) qualifiers declining (-)
2.9.5 Overall assessment of Conservation Status	Bad (U2)
2.9.5 Overall trend in Conservation Status	declining (-)

3. Natura 2000 coverage and conservation measures - Annex II species

3.1 Population

3.1.1 Population Size	Unit number of map 1x1 km grid cells (grids1x1) min 34 max 34
3.1.2 Method used	Estimate based on partial data with some extrapolation and/or modelling (2)
3.1.3 Trend of population size within	stable (0)

3.2 Conservation Measures

3.2.1 Measure	3.2.2 Type	3.2.3 Ranking	3.2.4 Location	3.2.5 Broad Evaluation
No measure known/ impossible to carry out specific measures (1.3)		()		