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	**5312**
0.2.2 Species name	**Cobitis arachthosensis**
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	Arachthovelonitsa

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	Economidis, P.S. and Teodor T. Nalbant, 1996. A study of the loaches of the genera Cobitisans Sabanejewia (Pisces, Cobitidae) of Greece, with description of six new taxa. Trav. Mus Natl. Hist. Nat. 'Grigore Antipa' 36:295-347. Kottelat, M. and J. Freyhof, 2007. Handbook of European freshwater fishes. Publications Kottelat, Cornol, Switzerland. 646 p. IUCN, 2014. IUCN Red List of Threatened Species. Version 2014.1. IUCN 2014. IUCN Red List of Threatened Species. Downloaded in June 2014.

2.3 Range

2.3.1 Surface area - Range (km²)	900	
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 (km²)	
	operator	approximately equal to (≈)
	unkown	No
	method	Basic assumption: Favourable Reference Range = Surface Area Range (current range)
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: number of map 5x5 km grid cells (grids5x5) min: 36 max: 36
2.4.3 Additional information	Definition of locality Conversion method Problems: Most data are described as semi-quantitative or qualitative. Few quantitative data. Too much variability between existing samples, especially between different river basins, 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	stable (0)
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 (km²)	900
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	Moderate
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	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 (km²)	0
2.5.10 Reason for change	

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
Discharges (E03)	low importance (L)	N/A
reduction or loss of specific habitat features (J03.01)	high importance (H)	N/A
surface water abstractions for agriculture (J02.06.01)	high importance (H)	N/A
sand and gravel quarries (C01.01.01)	low importance (L)	N/A

2.6.1 Method used – pressures	mainly based on expert judgement and other data (2)

2.7 Main Threats

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

Threat	ranking	pollution qualifier(s)
Discharges (E03)	low importance (L)	N/A
reduction or loss of specific habitat features (J03.01)	high importance (H)	N/A
surface water abstractions for agriculture (J02.06.01)	high importance (H)	N/A

2.7.1 Method used – threats	expert opinion (1)

2.8 Complementary Information

2.8.1 Justification of % thresholds for trends	The % threshold could not be used for the assessment since: a) a different method for assessing range was employed, compared to the 2nd Reporting
2.8.2 Other relevant Information	1. Endemic to the lower Arachthos River. It inhabits richly vegetated river and canal habitats with still to moderate flow, and sandy to silty substrates. 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).
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	Favourable (FV)
	qualifiers	N/A
2.9.3. Habitat	assessment	Inadequate (U1)
	qualifiers	unknown (x)
2.9.4. Future prospects	assessment	Inadequate (U1)
	qualifiers	unknown (x)
2.9.5 Overall assessment of Conservation Status	Inadequate (U1)	
2.9.5 Overall trend in Conservation Status	unknown (x)	

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

3.1 Population

3.1.1 Population Size	Unit	number of map 5x5 km grid cells (grids5x5)		
	min	5	max	5
3.1.2 Method used	Estimate based on partial data with some extrapolation and/or modelling (2)			

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

3.1.3 Trend of population size within	unknown (x)

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 Administrative One-off	medium importance (M)	Inside	Enhance Long term