

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	5354
0.2.2 Species name	<i>Salmo pelagicus</i>
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	Pestrophia Pelagonias

1. National Level

1.1 Maps

1.1.1 Distribution Map	Yes
1.1.1a Sensitive species	Yes
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

Kottelat, M. and J. Freyhof, 2007. Handbook of European freshwater fishes. Publications Kottelat, Cornol, Switzerland. 646 p.

ΕΤΜΕ ΙΛΑΡΙΩΝΑ – Μελέτη της ιχθυοπανίδας και προτάσεις για τη διατήρησή της , στην περιοχή κατασκευής του υδροηλεκτρικού έργου Ιλαρίωνα (Φορέας χρηματοδότησης: Δ.Ε.Η. Α.Ε., Γενική Δ/νση Παραγωγής, Δ/νση Ανάπτυξης Υδροηλεκτρικών Έργων, Διάρκεια: 2006 –2009 (24 μήνες).

Οικονόμου Α.Ν., Ζογκαρης Σ., Χατζηνικολαου Γ., Ταχος Β.Α., Γιακουμη Σ., Κομματας Δ., Κούτσικος Ν., Βαρδάκας Λ., Blasel K. και Dussling U. (2007). Δημιουργία Ιχθυολογικού Πολυπαραμετρικού Δείκτη για την Εκτίμηση της Οικολογικής Κατάστασης Ορεινών Ρεμάτων και Ποταμών. Ελληνικό Κέντρο Θαλασσιών Ερευνών – Ινστιτούτο Εσωτερικών Υδάτων. Υπουργείο Ανάπτυξης, Δ/ση Υδατικού Δυναμικού & Φυσικών Πόρων. Κύριο Τεύχος 117 σελ. - Παραρτήματα 189 σελ.

2.3 Range

2.3.1 Surface area - Range (km ²)	1225
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	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) 1800 operator N/A unkown No method Basic assumption: Favourable Reference Range = Historic Range = value extracted from Additional Reference Range Map

2.3.10 Reason for change

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

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 5x5 km grid cells (grids5x5)		
	min	49	max	49
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		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	72		
	operator	N/A		
	unknown	No		
	method	Basic assumption: Favourable Reference Population = value extracted from Additional Reference Range Map		
2.4.15 Reason for change				

2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km ²)		1225		
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. Habitat specialist species. Pressures and Threats on its habitat are present.		
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)
large scale water deviation (J02.03.01)	high importance (H)	N/A
small hydropower projects, weirs (J02.05.05)	high importance (H)	N/A
Discharges (E03)	low importance (L)	N/A
Fishing and harvesting aquatic resources (F02)	high importance (H)	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)
large scale water deviation (J02.03.01)	high importance (H)	N/A
small hydropower projects, weirs (J02.05.05)	high importance (H)	N/A
reduction or loss of specific habitat features (J03.01)	medium importance (M)	N/A
reduction in migration/ migration barriers (J03.02.01)	high importance (H)	N/A
reduction in genetic exchange (J03.02.03)	high importance (H)	N/A
Discharges (E03)	low importance (L)	N/A
Fishing and harvesting aquatic resources (F02)	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

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 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 Bad (U2) qualifiers declining (-)
2.9.2. Population	assessment Bad (U2) qualifiers declining (-)
2.9.3. Habitat	assessment Inadequate (U1) qualifiers declining (-)

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

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 5x5 km grid cells (grids5x5)
	min	19
	max	19
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	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
Regulation/ Management of fishery in limnic systems (7.2)	Legal Administrative Recurrent	high importance (H)	Both	Enhance Long term
Establish protected areas/sites (6.1)	Legal Administrative One-off	low importance (L)	Inside	Enhance Long term