

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

2.4.4 Year or period	2006-2012
2.4.5 Method – population size	Estimate based on expert opinion with no or minimal sampling (1)
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	Estimate based on expert opinion with no or minimal sampling (1)
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
2.4.15 Reason for change	Improved knowledge/more accurate data Use of different method

2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km ²)	2200
2.5.2 Year or period	2006-2012
2.5.3 Method used - habitat	Estimate based on expert opinion with no or minimal sampling (1)
2.5.4 a) Quality of habitat	Unknown
2.5.4 b) Quality of habitat - method	Based on expert judgement.
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	Improved knowledge/more accurate data Use of different method

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
Fishing and harvesting aquatic resources (F02)	high importance (H)	N/A
Illegal taking/ removal of marine fauna (F05)	medium importance (M)	N/A

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

2.7 Main Threats

Threat	ranking	pollution qualifier(s)
Fishing and harvesting aquatic resources (F02)	high importance (H)	N/A
Illegal taking/ removal of marine fauna (F05)	medium importance (M)	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 1. Ichthyological surveys very seldom target this species, yet it may have a regular occurrence in Greek seas - as is based on unconfirmed records in inland waters where it probably enters to reproduce. The only records of occurrence in Greek seas concern two individuals caught in the Thracian Sea and one individual
2.8.2 Other relevant Information	

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in marine waters of Kefalonia, in the Ionian. Another individual was recently collected in the southeastern Aegean in Turkish waters.

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 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 number of map 10x10 km grid cells (grids10x10)
min 21 max 21

3.1.2 Method used Estimate based on expert opinion with no or minimal sampling (1)

3.1.3 Trend of population size within stable (0)

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	Maintain Enhance Long term

2. Biogeographical Or Marine Level

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2.1 Biogeographical Region

2.2 Published sources

Mediterranean (MED)

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

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, Vol. 8(1): 91-166.

Karachle K. & Machias A. (2014). First confirmed record of *Petromyzon marinus* Linnaeus, 1758 from west Greece. Cahiers de Biologie Marine, Vol. 55: 367-370.

2.3 Range

2.3.1 Surface area - Range (km²)

2500

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

unknown (x)

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 N/A
unkown Yes
method

2.3.10 Reason for change

Improved knowledge/more accurate dataUse of different method

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 10x10 km grid cells (grids10x10)
min 25 max 25

2.4.3 Additional information

Definition of locality
Conversion method
Problems No samples. Data came only from existing literature, combined with expert judgment.

2.4.4 Year or period

2006-2012

2.4.5 Method – population size

Estimate based on expert opinion with no or minimal sampling (1)

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

Estimate based on expert opinion with no or minimal sampling (1)

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

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method

2.4.15 Reason for change Improved knowledge/more accurate data Use of different method

2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km ²)	2500
2.5.2 Year or period	2006-2012
2.5.3 Method used - habitat	Estimate based on expert opinion with no or minimal sampling (1)
2.5.4 a) Quality of habitat	Unknown
2.5.4 b) Quality of habitat - method	Based on expert judgement.
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	Improved knowledge/more accurate data Use of different method

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
sand and gravel quarries (C01.01.01)	medium importance (M)	N/A
Discharges (E03)	low importance (L)	N/A
Illegal taking/ removal of marine fauna (F05)	low importance (L)	N/A
reduction in migration/ migration barriers (J03.02.01)	high importance (H)	N/A
Fishing and harvesting aquatic resources (F02)	high importance (H)	N/A
Urbanised areas, human habitation (E01)	low importance (L)	N/A
large scale water deviation (J02.03.01)	medium importance (M)	N/A
canalisation (J02.03.02)	low importance (L)	N/A
small hydropower projects, weirs (J02.05.05)	high importance (H)	N/A

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

2.7 Main Threats

Threat	ranking	pollution qualifier(s)
sand and gravel quarries (C01.01.01)	medium importance (M)	N/A
Discharges (E03)	low importance (L)	N/A
Illegal taking/ removal of marine fauna (F05)	medium importance (M)	N/A
reduction in migration/ migration barriers (J03.02.01)	high importance (H)	N/A
Fishing and harvesting aquatic resources (F02)	high importance (H)	N/A
Urbanised areas, human habitation (E01)	high importance (H)	N/A
large scale water deviation (J02.03.01)	high importance (H)	N/A
canalisation (J02.03.02)	medium importance (M)	N/A
small hydropower projects, weirs (J02.05.05)	medium importance (M)	N/A

2.7.1 Method used – threats expert opinion (1)

2.8 Complementary Information

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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. A very rare anadromous species in Greece, its presence in Greece is poorly known and largely based on anecdotal evidence in inland waters. Ichthyological surveys very seldom target this species. Recent anecdotal sightings from local fishermen indicate its probable regular occurrence in the Louros River where it may reproduce.
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 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 number of map 10x10 km grid cells (grids10x10) min 23 max 23
3.1.2 Method used	Estimate based on expert opinion with no or minimal sampling (1)
3.1.3 Trend of population size within	stable (0)

3.2 Conversation Measures

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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	Maintain Enhance Long term