

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

## NATIONAL LEVEL

### 1. General information

1.1 Member State	GR
1.2 Species code	5336
1.3 Species scientific name	<i>Pelagus marathonicus</i>
1.4 Alternative species scientific name	
1.5 Common name (in national language)	Attikopsaro

### 2. Maps

2.1 Sensitive species	No
2.2 Year or period	2015
2.3 Distribution map	Yes
2.4 Distribution map Method used	Based mainly on extrapolation from a limited amount of data
2.5 Additional maps	Yes

### 3. Information related to Annex V Species (Art. 14)

3.1 Is the species taken in the wild/exploited?	No	
3.2 Which of the measures in Art. 14 have been taken?	a) regulations regarding access to property	No
	b) temporary or local prohibition of the taking of specimens in the wild and exploitation	No
	c) regulation of the periods and/or methods of taking specimens	No
	d) application of hunting and fishing rules which take account of the conservation of such populations	No
	e) establishment of a system of licences for taking specimens or of quotas	No
	f) regulation of the purchase, sale, offering for sale, keeping for sale or transport for sale of specimens	No
	g) breeding in captivity of animal species as well as artificial propagation of plant species	No
	h) other measures	No



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Area Range (current range)

5.11 Change and reason for change in surface area of range

No change  
The change is mainly due to:

5.12 Additional information

## 6. Population

6.1 Year or period

2015

6.2 Population size (in reporting unit)

a) Unit number of map 5x5 km grid cells (grids5x5)  
b) Minimum  
c) Maximum  
d) Best single value 95

6.3 Type of estimate

Best estimate

6.4 Additional population size (using population unit other than reporting unit)

a) Unit  
b) Minimum  
c) Maximum  
d) Best single value

6.5 Type of estimate

6.6 Population size Method used

Based mainly on extrapolation from a limited amount of data

6.7 Short-term trend Period

2007-2018

6.8 Short-term trend Direction

Stable (0)

6.9 Short-term trend Magnitude

a) Minimum  
b) Maximum  
c) Confidence interval

6.10 Short-term trend Method used

Based mainly on extrapolation from a limited amount of data

6.11 Long-term trend Period

6.12 Long-term trend Direction

6.13 Long-term trend Magnitude

a) Minimum  
b) Maximum  
c) Confidence interval

6.14 Long-term trend Method used

6.15 Favourable reference population (using the unit in 6.2 or 6.4)

a) Population size  
b) Operator Approximately equal to (≈)  
c) Unknown  
d) Method Basic assumption: Favourable Reference Population = value extracted from Additional Range Map

6.16 Change and reason for change in population size

No change  
The change is mainly due to:

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## 6.17 Additional information

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.

## 7. Habitat for the species

### 7.1 Sufficiency of area and quality of occupied habitat

a) Are area and quality of occupied habitat sufficient (for long-term survival)? No

b) Is there a sufficiently large area of unoccupied habitat of suitable quality (for long-term survival)? Unknown

### 7.2 Sufficiency of area and quality of occupied habitat Method used

Based mainly on extrapolation from a limited amount of data

### 7.3 Short-term trend Period

2007-2018

### 7.4 Short-term trend Direction

Decreasing (-)

### 7.5 Short-term trend Method used

Based mainly on extrapolation from a limited amount of data

### 7.6 Long-term trend Period

### 7.7 Long-term trend Direction

### 7.8 Long-term trend Method used

### 7.9 Additional information

The surface area of the habitat is estimated at 2375 km<sup>2</sup> and its quality is moderate.

## 8. Main pressures and threats

### 8.1 Characterisation of pressures/threats

Pressure	Ranking
Deposition and treatment of waste/garbage from household/recreational facilities (F09)	M
Construction or modification (e.g. of housing and settlements) in existing urban or recreational areas (F02)	M
Drainage for use as agricultural land (A31)	M
Roads, paths, railroads and related infrastructure (e.g. bridges, viaducts, tunnels) (E01)	H
Other invasive alien species (other than species of Union concern) (I02)	M
Mixed source pollution to surface and ground waters (limnic and terrestrial) (J01)	M
Hydropower (dams, weirs, run-off-the-river), including infrastructure (D02)	H
Active abstractions from groundwater, surface water or mixed water for agriculture (A30)	H
Modification of hydrological flow (K04)	H
Conversion from other land uses to housing, settlement or recreational areas (excluding drainage and modification of coastline, estuary and coastal conditions) (F01)	M

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Threat	Ranking
Reduced fecundity / genetic depression (e.g. inbreeding or endogamy) (L05)	M
Deposition and treatment of waste/garbage from commercial and industrial facilities (F10)	M
Drainage for use as agricultural land (A31)	M
Other invasive alien species (other than species of Union concern) (I02)	M
Deposition and treatment of waste/garbage from household/recreational facilities (F09)	M
Mixed source pollution to surface and ground waters (limnic and terrestrial) (J01)	M
Physical alteration of water bodies (K05)	H
Hydropower (dams, weirs, run-off-the-river), including infrastructure (D02)	H
Active abstractions from groundwater, surface water or mixed water for agriculture (A30)	H
Modification of hydrological flow (K04)	H

## 8.2 Sources of information

PRESSURES: Mainly based on expert judgement and other data.  
THREATS: Based on expert opinion.

## 8.3 Additional information

IAS: *Carassius gibelio*, *Carassius auratus*, *Lepomis gibbosus*

## 9. Conservation measures

### 9.1 Status of measures

- a) Are measures needed? Yes
- b) Indicate the status of measures Measures identified, but none yet taken

### 9.2 Main purpose of the measures taken

### 9.3 Location of the measures taken

### 9.4 Response to the measures

### 9.5 List of main conservation measures

Other measures related to residential, commercial, industrial and recreational infrastructures, operations and activities (CF12)

Management, control or eradication of other invasive alien species (CI03)

Manage drainage and irrigation operations and infrastructures in agriculture (CA15)

Habitat restoration of areas impacted by transport (CE06)

Reduce impact of mixed source pollution (CJ01)

Reduce impact of hydropower operation and infrastructure (CC04)

Restore habitats impacted by multi-purpose hydrological changes (CJ03)

Reduce impact of multi-purpose hydrological changes (CJ02)

Manage conversion of land for construction and development of infrastructure (CF01)

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Habitat restoration of areas impacted by residential, commercial, industrial and recreational infrastructure, operations and activities (CF02)

## 9.6 Additional information

## 10. Future prospects

10.1 Future prospects of parameters	a) Range	Good
	b) Population	Good
	c) Habitat of the species	Poor

## 10.2 Additional information

## 11. Conclusions

11.1. Range	Favourable (FV)
11.2. Population	Favourable (FV)
11.3. Habitat for the species	Unfavourable - Inadequate (U1)
11.4. Future prospects	Unknown (XX)
11.5 Overall assessment of Conservation Status	Unfavourable - Inadequate (U1)
11.6 Overall trend in Conservation Status	Deteriorating (-)
11.7 Change and reasons for change in conservation status and conservation status trend	a) Overall assessment of conservation status No change The change is mainly due to:  b) Overall trend in conservation status No change The change is mainly due to:
11.8 Additional information	

## 12. Natura 2000 (pSCIs, SCIs and SACs) coverage for Annex II species

12.1 Population size inside the pSCIs, SCIs and SACs network (on the biogeographical/marine level including all sites where the species is present)	a) Unit	number of map 5x5 km grid cells (grids5x5)
	b) Minimum	
	c) Maximum	
	d) Best single value	51
12.2 Type of estimate	Best estimate	
12.3 Population size inside the network Method used	Based mainly on extrapolation from a limited amount of data	
12.4 Short-term trend of population size within the network Direction	Stable (0)	

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## 12.5 Short-term trend of population size within the network Method used

Based mainly on extrapolation from a limited amount of data

## 12.6 Additional information

Species for which either new Natura sites have been designated or former ones have been expanded to cover a bigger part of their populations.

## 13. Complementary information

### 13.1 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 Period or b) no data were reported in the 2nd Reporting Period.

### 13.2 Trans-boundary assessment

### 13.3 Other relevant Information

1. Endemic to central eastern Greece; populations in Marathon plain (Attika), Erassinos (Attika), Upper Kifissos (Attika), Assopos and Kifissos (Viotia), the wider Sperchios basin, Cholorema stream (Pagasitikos Gulf) and central western Evia Island. Discovered in 2009 and 2012 also in two locations in the southern Thessalian Pinios (in Makryremma and in Xiniada drainage canal) (HCMR data). This probably is a very recent anthropogenic translocation, since Pinios River is outside the species' known range. This population is thus not taken into consideration in this assessment. In its native habitat its habitats are threatened, among others, by drought, water abstraction and pollution; some populations have recently been extirpated due to these pressures. Plans for scientific translocations for restoration of these populations should be a research priority.

2. Basic Assumptions:

i) "Surface Area Range" (field 5.1) = value extracted from "Range Map" (field 2.5).

ii) "Favourable Reference Range" (field 5.10a) = a) "Surface Area Range" (field 5.1) 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 6.2 or 6.4) = value extracted from "Distribution Map" (field 2.3) or "Additional Distribution Map" (field 2.5) (when provided).

iv) "Favourable Reference Population" (field 6.15a) = a) "Population Size" (field 6.2 or 6.4) 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 7.9) = "Distribution Map" (field 2.3) or "Additional Distribution Map" (field 2.5) (when provided).