

# 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	1227
1.3 Species scientific name	<i>Chelonia mydas</i>
1.4 Alternative species scientific name	
1.5 Common name (in national language)	Prasini Helona or Helona Midas

### 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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3.3 Hunting bag or quantity taken in the wild for Mammals and Acipenseridae (Fish)

a) Unit

b) Statistics/ quantity taken	Provide statistics/quantity per hunting season or per year (where season is not used) over the reporting period					
	Season/ year 1	Season/ year 2	Season/ year 3	Season/ year 4	Season/ year 5	Season/ year 6
Min. (raw, ie. not rounded)						
Max. (raw, ie. not rounded)						
Unknown	No	No	No	No	No	No

3.4. Hunting bag or quantity taken in the wild Method used

3.5. Additional information

## BIOGEOGRAPHICAL LEVEL

### 4. Biogeographical and marine regions

4.1 Biogeographical or marine region where the species occurs

**Marine Mediterranean (MMED)**

4.2 Sources of information

Unpublished data (ARCHELON);  
Margaritoulis D., Panagopoulou A. 2010. Greece. Pages 85-111 in Sea turtles in the Mediterranean: Distribution, threats and conservation priorities (editors: P. Casale, D. Margaritoulis). IUCN. Gland, Switzerland. 294 pp;  
Margaritoulis D., Teneketzis K. 2003. Identification of a developmental habitat of the green turtle in Lakonikos Bay, Greece. Pages 170-175 in Proceedings of the First Mediterranean Conference on Marine Turtles (editors: D. Margaritoulis, A. Demetropoulos). Barcelona Convention - Bern Convention - Bonn Convention (CMS). Nicosia, Cyprus. 270 pp;  
Panagopoulos D., Sofouli E., Teneketzis K., Margaritoulis D. 2003. Stranding data as an indicator of fisheries induced mortality of sea turtles in Greece. Pages 202-206 in Proceedings of the First Mediterranean Conference on Marine Turtles (editors: D. Margaritoulis, A. Demetropoulos). Barcelona Convention - Bern Convention - Bonn Convention (CMS). Nicosia, Cyprus. 270 pp.

### 5. Range

5.1 Surface area

557407,8

5.2 Short-term trend Period

2007-2018

5.3 Short-term trend Direction

Stable (0)

5.4 Short-term trend Magnitude

a) Minimum

b) Maximum

5.5 Short-term trend Method used

Based mainly on expert opinion with very limited data

5.6 Long-term trend Period

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5.7 Long-term trend Direction

5.8 Long-term trend Magnitude

a) Minimum

b) Maximum

5.9 Long-term trend Method used

5.10 Favourable reference range

a) Area (km<sup>2</sup>)

b) Operator

Approximately equal to (≈)

c) Unknown

d) Method

Best expert opinion

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

b) Minimum

c) Maximum

d) Best single value

6.3 Type of 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

Insufficient or no data available

6.7 Short-term trend Period

2007-2018

6.8 Short-term trend Direction

Unknown (x)

6.9 Short-term trend Magnitude

a) Minimum

b) Maximum

c) Confidence interval

6.10 Short-term trend Method used

Insufficient or no data available

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

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

- a) Population size
- b) Operator
- c) Unknown x
- d) Method

6.16 Change and reason for change in population size

No change  
The change is mainly due to:

6.17 Additional information

It is not possible to estimate the population size nationwide from the number of turtles reported dead or injured.

## 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)? **Unknown**

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

7.2 Sufficiency of area and quality of occupied habitat Method used

Insufficient or no data available

7.3 Short-term trend Period

2007-2018

7.4 Short-term trend Direction

Unknown (x)

7.5 Short-term trend Method used

Insufficient or no data available

7.6 Long-term trend Period

7.7 Long-term trend Direction

7.8 Long-term trend Method used

7.9 Additional information

The habitat surface area is estimated to be 57407,8 km<sup>2</sup>, equal to the range, and its quality is unknown.

## 8. Main pressures and threats

8.1 Characterisation of pressures/threats

Pressure	Ranking
Bycatch and incidental killing (due to fishing and hunting activities) (G12)	H
Residential or recreational activities and structures generating marine macro- and micro- particulate pollution (e.g. plastic bags, Styrofoam) (F22)	M
Threats and pressures from outside the EU territory (Xe)	M
Threats and pressures from outside the Member State (Xo)	M
Threat	Ranking
Bycatch and incidental killing (due to fishing and hunting activities) (G12)	H

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Residential or recreational activities and structures generating M  
marine macro- and micro- particulate pollution (e.g. plastic  
bags, Styrofoam) (F22)

Threats and pressures from outside the EU territory (Xe) M

Threats and pressures from outside the Member State (Xo) M

## 8.2 Sources of information

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

## 8.3 Additional information

## 9. Conservation measures

### 9.1 Status of measures

a) Are measures needed? No

b) Indicate the status of measures

### 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

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### 9.6 Additional information

## 10. Future prospects

### 10.1 Future prospects of parameters

a) Range Good  
b) Population Poor  
c) Habitat of the species Unknown

### 10.2 Additional information

## 11. Conclusions

### 11.1. Range

Favourable (FV)

### 11.2. Population

Unknown (XX)

### 11.3. Habitat for the species

Unknown (XX)

### 11.4. Future prospects

Unfavourable - Bad (U2)

### 11.5 Overall assessment of Conservation Status

Unfavourable - Bad (U2)

### 11.6 Overall trend in Conservation Status

Unknown (x)

### 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:

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## b) Overall trend in conservation status

Use of different method

The change is mainly due to: Use of different method

### 11.8 Additional information

According to expert judgement, the trend of the Overall CS is Deteriorating, however not enough quantitative data are available in order to support this.

## 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
- b) Minimum
- c) Maximum
- d) Best single value

12.2 Type of estimate

12.3 Population size inside the network Method used

Insufficient or no data available

12.4 Short-term trend of population size within the network Direction

Unknown (x)

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

Insufficient or no data available

12.6 Additional information

## 13. Complementary information

13.1 Justification of % thresholds for trends

13.2 Trans-boundary assessment

13.3 Other relevant Information

The Green turtle (*Chelonia mydas*) in the Mediterranean reproduces regularly in the Levantine basin, mainly in Turkey, Cyprus and Syria. Only one nest (Rethymno, Crete, in 2007) has been verified in Greece (Margaritoulis & Panagopoulou 2010). A small number of Green turtles (mostly small sized sudadults) are regularly reported dead or injured along the Greek coasts. From 226 injured turtles admitted to ARCHELON Rescue Centre, about 3.5% were identified as *Chelonia mydas* (Panagopoulos et al. 2003). However, a remarkable concentration of Green turtles occurs in Laconikos Bay (southern Peloponnese) where about 40% of locally stranded turtles were *Chelonia mydas* of a specific size class providing evidence that Laconikos Bay is a developmental habitat of the species (Margaritoulis et al. 2003). *Chelonia mydas* individuals in Greece suffer the same pressures at sea as those of *Caretta caretta* including pressures occurring outside the EU boundaries, among them consumption in some northern African countries.

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