

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	1227
0.2.2 Species name	Chelonia mydas
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	Prasini Helona or Helona Midas

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	1994-2012
1.1.4 Additional map	No
1.1.5 Range map	Yes

2. Biogeographical Or Marine Level

2.1 Biogeographical Region

2.2 Published sources

Marine Mediterranean (MMED)

Unpublished data (ARCHELON);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.

2.3 Range

2.3.1 Surface area - Range (km ²)	557407,8
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 (km ²) 557407,8
	operator N/A
	unkown No
	method Best expert opinion
2.3.10 Reason for change	Use of different method

2.4 Population

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2.4.1 Population size (individuals or agreed exception)	Unit	N/A		
	min		max	
2.4.2 Population size (other than individuals)	Unit	N/A		
	min		max	
2.4.3 Additional information	Definition of locality Conversion method Problems			
2.4.4 Year or period	2007-2012			
2.4.5 Method – population size	Absent data (0)			
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	Absent data (0)			
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

2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km ²)	557407,8
2.5.2 Year or period	2007-2012
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	Absent data
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	

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
accidental capture (F03.02.05)	high importance (H)	N/A
death or injury by collision (G05.11)	low importance (L)	N/A
marine macro-pollution (i.e. plastic bags, styrofoam) (H03.03)	medium importance (M)	N/A
Threats and pressures from outside the Member State (XO)	medium importance (M)	N/A
Threats and pressures from outside the EU territory (XE)	medium importance (M)	N/A

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

2.7 Main Threats

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Threat	ranking	pollution qualifier(s)
accidental capture (F03.02.05)	high importance (H)	N/A
death or injury by collision (G05.11)	low importance (L)	N/A
marine macro-pollution (i.e. plastic bags, styrofoam) (H03.03)	medium importance (M)	N/A
Threats and pressures from outside the Member State (XO)	medium importance (M)	N/A
Threats and pressures from outside the EU territory (XE)	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

2.8.2 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 subadults) 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 Lakonikos Bay (southern Peloponnese) where about 40% of locally stranded turtles were *Chelonia mydas* of a specific size-class providing evidence that Lakonikos 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.

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 Unknown (XX)

qualifiers N/A

2.9.3. Habitat assessment Unknown (XX)

qualifiers N/A

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 N/A

min max

3.1.2 Method used Absent data (0)

3.1.3 Trend of population size within N/A

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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
Measures needed, but not implemented (1.2)	Legal Administrative Contractual	high importance (H)	Both	Not evaluated
Establish protected areas/sites (6.1)	Legal One-off	high importance (H)	Both	Not evaluated
Legal protection of habitats and species (6.3)	Legal Administrative	high importance (H)	Both	Not evaluated
Regulation/ Management of fishery in marine and brackish systems (7.3)	Legal Administrative	high importance (H)	Both	Not evaluated