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0.1 Member State	**GR**
0.2.1 Species code	**1028**
0.2.2 Species name	**Pinna nobilis**
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	N/A

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	2006-2012
1.1.4 Additional map	No
1.1.5 Range map	Yes

2. Biogeographical Or Marine Level

2.1 Biogeographical Region

Marine Mediterranean (MMED)

2.2 Published sources

Katsanevakis S, Leukaditou E, Galinou-Mitsoudi S, Koutsoubas D, Zenetos A, 2008. Molluscan species of minor commercial interest in Hellenic seas: Distribution, exploitation and conservation status. Mediterranean Marine Science 9(1): 77-118.

Tagalis D, Theodorou J, 2013. Distribution of the endangered bivalve mollusc Pinna nobilis, (Linnaeus, 1758) in the shallow littoral ecosystem of the Northern Maliakos Gulf (NE Mediterranean, Greece). Proceedings of the 15th Panhellenic Congress of Icthyologists.

Antoniadou C, Vafidis D, Voultsiadou E, Chintiroglou C, 2013. Population parameters of the protected fan mussel Pinna nobilis by implementing non-destructive techniques in the Dodecanese. Proceedings of the 15th Panhellenic Congress of Icthyologists.

Poursanidis D, Issaris Y, Katsanevakis S, Thessalou-Legaki M, 2010. Population density estimation of the bivalve mollusc Pinna nobilis (Linnaeus 1758) in the National Marine Park of Zakynthos. Proceedings of the 13th Panhellenic Congress of Icthyologists.

Katsanevakis S, Poursanidis D, Issaris Y, Panou A, Petza D, Vassilopoulou V, Chaldaiou I, Sini M, 2011. "Protected" marine shelled molluscs: thriving in Greek seafood restaurants. Mediterranean Marine Science 12(2): 429-438.

HCMR unpublished data (2007-2014).

2.3 Range

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2.3.1 Surface area - Range (km²)	80480
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	stable (0)
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: approximately equal to (≈) unkown: No method: This is the first comprehensive attempt at estimating the range of the species, based on modeled species distribution. The ongoing pressures and threats since the adoption of the Directive have reduced the population size, but are not expected to have impacted significanlty the range of the species. FRR is considered approximately equal to the current range.
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: number of individuals (i) min: 7732454 max: 61613170
2.4.2 Population size (other than individuals)	Unit: N/A min: max:
2.4.3 Additional information	Definition of locality: Conversion method: Problems: A large sample size is required to refine the rather large 95% confidence interval.
2.4.4 Year or period	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 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: more than (>) unknown: No method: This is the first comprehensive attempt at estimating the population size of the species, based on recent survey data, statistical analyses and extrapolations. The population size estimated is thus considered as a baseline value and given that the ongoing pressures and threats since the adoption of the Directive have reduced this population size, the FRP should be greater than the current size estimation.

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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 (km²)	13375
2.5.2 Year or period	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	Relevant conclusions from the assessment of the habitat types 1120 and 1110, which comprise most of the habitat of the species.
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 (km²)	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 extraction (C01.01)	low importance (L)	N/A
netting (F02.01.02)	medium importance (M)	N/A
benthic or demersal trawling (F02.02.01)	medium importance (M)	N/A
bait digging / collection (F02.03.01)	medium importance (M)	N/A
poaching (F05.04)	high importance (H)	N/A
removal for collection purposes (F05.06)	high importance (H)	N/A
marine constructions (D03.03)	low importance (L)	N/A
intensive fish farming, intensification (F01.01)	low importance (L)	N/A
disposal of inert materials (E03.03)	low importance (L)	N/A
diffuse pollution to surface waters due to household sewage and waste waters (H01.08)	medium importance (M)	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)
benthic or demersal trawling (F02.02.01)	low importance (L)	N/A
poaching (F05.04)	high importance (H)	N/A
removal for collection purposes (F05.06)	high importance (H)	N/A
wave exposure changes (M01.06)	low importance (L)	N/A
marine constructions (D03.03)	medium importance (M)	N/A
intensive fish farming, intensification (F01.01)	medium importance (M)	N/A
disposal of inert materials (E03.03)	low importance (L)	N/A
Sand and gravel extraction (C01.01)	low importance (L)	N/A
netting (F02.01.02)	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	
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	Inadequate (U1)
	qualifiers	declining (-)
2.9.3. Habitat	assessment	Inadequate (U1)
	qualifiers	declining (-)
2.9.4. Future prospects	assessment	Inadequate (U1)
	qualifiers	declining (-)
2.9.5 Overall assessment of Conservation Status	Inadequate (U1)	
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	N/A		
3.1.3 Trend of population size within	N/A		

3.2 Conversation Measures