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

0.1 Member State	**IT**
0.2.1 Species code	**5370**
0.2.2 Species name	**Emys trinacris**
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	Testuggine palustre siciliana

1. National Level

1.1 Maps

1.1.1 Distribution Map	Yes
1.1.1a Sensitive species	No
1.1.2 Method used - map	Complete survey/Complete survey or a statistically robust estimate (3)
1.1.3 Year or period	2000-2012
1.1.4 Additional map	No
1.1.5 Range map	Yes

2. Biogeographical Or Marine Level

2.1 Biogeographical Region

Mediterranean (MED)

2.2 Published sources

The present species assessment (fields 0.1-2.9) has been compiled by Anna Rita Di Cerbo, Francesco Ficetola, Roberto Sindaco (Societas Herpetologica Italica). Information, unpublished data and experts' judgments have been provided by Anna Rita Di Cerbo, Francesco Ficetola, Roberto Sindaco.

Di Cerbo, A., 2011. Emys trinacris Fritz, Fattizzo, Guicking, Tripepi, Pennisi, Lenk , Joger & Wink, 2005, In Fauna d'Italia, Reptilia. eds C. Corti, M. Capula, L. Luiselli, E. Razzetti, R. Sindaco, pp. 165-170. Edizioni Calderini de Il Sole 24 ORE, Bologna.

Ficetola, G.F., Salvidio, S., D'Angelo, S., Bonardi, A., Bottoni, L., Canalis, L., Crosetto, S., Di Martino, S., Ferri, V., Filetto, P., Genta, P., Jesu, R., Masin, S., Mazzotti, S., Ottonello, D., Richard, J., Sala, L., Scali, S., Tedaldi, G., Vianello, F., 2013. Conservation activities for European and Sicilian pond turtles (Emys orbicularis and Emys trinacris, respectively) in Italy. Herpetology Notes 6, 127-133.

Rondinini, C., Battistoni, A., Peronace, V., Teofili, C. (compilatori). 2013. Lista Rossa IUCN dei Vertebrati Italiani. Comitato Italiano IUCN e Ministero dell'Ambiente, del Territorio e del Mare, Roma.

2.3 Range

2.3.1 Surface area - Range (km²)	21600	
2.3.2 Method - Range surface area	Complete survey/Complete survey or a statistically robust estimate (3)	
2.3.3 Short-term trend period	2001-2012	
2.3.4 Short-term trend direction	decrease (-)	
2.3.5 Short-term trend magnitude	min	max
2.3.6 Long-term trend period	1989-2012	
2.3.7 Long-term trend direction	decrease (-)	
2.3.8 Long-term trend magnitude	min	max
2.3.9 Favourable reference range	area (km²)	
	operator	more than (>)

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	unkown	No
	method	Expert judgement
2.3.10 Reason for change	Use 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	112	max	112
2.4.3 Additional information	Definition of locality			
	Conversion method			
	Problems			
2.4.4 Year or period	2000-2012			
2.4.5 Method – population size	Complete survey/Complete survey or a statistically robust estimate (3)			
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 partial data with some extrapolation and/or modelling (2)			
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	Expert judgement		
2.4.15 Reason for change	Improved knowledge/more accurate data			

2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km²)	
2.5.2 Year or period	2000-2012
2.5.3 Method used - habitat	Absent data (0)
2.5.4 a) Quality of habitat	Moderate
2.5.4 b) Quality of habitat - method	ongoing loss of suitable wetlands
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)	
2.5.10 Reason for change	Improved knowledge/more accurate data

2.6 Main Pressures

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Pressure	ranking	pollution qualifier(s)
collection of animals (insects, reptiles, amphibians.....) (F03.02.01)	high importance (H)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
Water abstractions from surface waters (J02.06)	high importance (H)	N/A
invasive non-native species (I01)	high importance (H)	N/A
burning down (J01.01)	low importance (L)	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)
collection of animals (insects, reptiles, amphibians.....) (F03.02.01)	high importance (H)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
Water abstractions from surface waters (J02.06)	high importance (H)	N/A
invasive non-native species (I01)	high importance (H)	N/A
burning down (J01.01)	low importance (L)	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	
2.8.3 Trans-boundary assessment	

2.9 Conclusions (assessment of conservation status at end of reporting period)

2.9.1 Range	assessment	Inadequate (U1)
	qualifiers	declining (-)
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

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3.1.2 Method used	Absent data (0)
3.1.3 Trend of population size within	N/A

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)		()		