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	**1220**
0.2.2 Species name	**Emys orbicularis**
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	Testuggine palustre europea

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 Information, unpublished data and experts' judgments have been provided by Anna Rita Di Cerbo, Francesco Ficetola, Roberto Sindaco.

Distribution data for the following grid cells have been inserted by the Ministry of Environment: 10kmE422N177; 10kmE418N182; 10kmE425N182; 10kmE426N182; 10kmE429N186; 10kmE420N187; 10kmE420N188; 10kmE423N190; 10kmE427N191; 10kmE422N192; 10kmE423N192; 10kmE424N192; 10kmE426N192; 10kmE427N193; 10kmE423N194; 10kmE425N195.

Distribution data for the following Nature 2000 sites have been inserted by the Ministry of Environment (source: Italian Nature 2000 database): IT9110016.

De Pous P., Speybroeck J., Bogaerts S., Pasmans F., Beukema W. 2012. A contribution to the atlas of the terrestrial herpetofauna of Sardinia. Herpetology Notes, volume 5: 391-405

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.

Regione Autonoma della Sardegna - Assessorato Difesa Ambiente , 2012 - "Servizio di monitoraggio dello stato di conservazione degli habitat e delle specie di importanza comunitaria presenti nei siti della Rete Natura 2000 in Sardegna – Linea 4. Redazione del Rapporto sullo stato di conservazione degli habitat e delle specie ".

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

Regione Autonoma della Sardegna - Assessorato Difesa Ambiente - 2008-2009. "Realizzazione del sistema di monitoraggio dello stato di conservazione degli habitat e delle specie di interesse comunitario della Regione Autonoma della Sardegna".

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.

Salvi D., Bombi P., 2010. Reptiles of Sardinia: updating the knowledge on their distribution. Acta Herpetologica 5(2): 161-177.

Zuffi, M.A.L., Di Cerbo, A., Fritz, U., 2011. Emys orbicularis (Linnaeus, 1758), In Fauna d'Italia, Reptilia. Eds C. Corti, M. Capula, L. Luiselli, E. Razzetti, R. Sindaco, pp. 155-165. Edizioni Calderini de Il Sole 24 ORE, Bologna.

2.3 Range

2.3.1 Surface area - Range (km²)	50800
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 much more than (>>) 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 249 max 249
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

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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	much more than (>>)	
	unknown	No	
	method	Expert judgement	
2.4.15 Reason for change			

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

Pressure	ranking	pollution qualifier(s)
antagonism arising from introduction of species (K03.05)	high importance (H)	N/A
Water abstractions from surface waters (J02.06)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
dredging/ removal of limnic sediments (J02.02.01)	medium importance (M)	N/A
infilling of ditches, dykes, ponds, pools, marshes or pits (J02.01.03)	high importance (H)	N/A
reclamation of land from sea, estuary or marsh (J02.01.02)	medium importance (M)	N/A
diffuse pollution to surface waters due to transport and infrastructure without connection to canalization/sweepers (H01.06)	high importance (H)	N/A
invasive non-native species (I01)	high importance (H)	N/A
reduction or loss of specific habitat features (J03.01)	high importance (H)	N/A
human induced changes in hydraulic conditions (J02)	medium importance (M)	N/A
Landfill, land reclamation and drying out, general (J02.01)	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)
antagonism arising from introduction of species (K03.05)	high importance (H)	N/A
Water abstractions from surface waters (J02.06)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A

dredging/ removal of limnic sediments (J02.02.01)	medium importance (M)	N/A
infilling of ditches, dykes, ponds, pools, marshes or pits (J02.01.03)	high importance (H)	N/A
reclamation of land from sea, estuary or marsh (J02.01.02)	medium importance (M)	N/A
diffuse pollution to surface waters due to transport and infrastructure without connection to canalization/sweepers (H01.06)	high importance (H)	N/A
invasive non-native species (I01)	high importance (H)	N/A
reduction or loss of specific habitat features (J03.01)	high importance (H)	N/A
human induced changes in hydraulic conditions (J02)	medium importance (M)	N/A
Landfill, land reclamation and drying out, general (J02.01)	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

2.8.3 Trans-boundary assessment

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

2.9.1 Range
- assessment: Bad (U2)
- qualifiers: declining (-)

2.9.2. Population
- assessment: Bad (U2)
- 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: 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

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
Restoring/improving the hydrological regime (4.2)	Recurrent One-off	medium importance (M)	Inside	Maintain Enhance

Restoring coastal areas (4.4)	One-off	medium importance (M)	Inside	Maintain
Other spatial measures (6.0)	Administrative	medium importance (M)	Inside	Maintain Enhance Long term
Establish protected areas/sites (6.1)	Administrative	high importance (H)	Inside	Maintain Enhance Long term
Legal protection of habitats and species (6.3)	Legal	medium importance (M)	Both	Maintain
Specific single species or species group management measures (7.4)	One-off	high importance (H)	Both	Enhance

2. Biogeographical Or Marine Level

2.1 Biogeographical Region
2.2 Published sources

Continental (CON)

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.

Distribution data for the following Nature 2000 sites have been inserted by the Ministry of Environment (source: Italian Nature 2000 database): IT2020003; IT1140001; IT5310016; IT5310011; IT2050006.

Distribution data for the following grid cells have been removed by the Ministry of Environment: 10kmE414N240; 10kmE413N241; 10kmE414N241; 10kmE412N243; 10kmE413N243; 10kmE415N245; 10kmE415N247; 10kmE412N244; 10kmE427N251; 10kmE427N252.

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.

Zuffi, M.A.L., Di Cerbo, A., Fritz, U., 2011. Emys orbicularis (Linnaeus, 1758), In Fauna d'Italia, Reptilia. Eds C. Corti, M. Capula, L. Luiselli, E. Razzetti, R. Sindaco, pp. 155-165. Edizioni Calderini de Il Sole 24 ORE, Bologna.

2.3 Range

2.3.1 Surface area - Range (km²)
2.3.2 Method - Range surface area
2.3.3 Short-term trend period

48600
Complete survey/Complete survey or a statistically robust estimate (3)
2001-2012

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

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	much more than (>>)		
	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	290	max	290
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	1989-2012			
2.4.11 Long term trend direction	decrease (-)			
2.4.12 Long-term trend magnitude	min		max	confidence interval
2.4.13 Long-term trend method	Estimate based on partial data with some extrapolation and/or modelling (2)			
2.4.14 Favourable reference population	number			
	operator	much 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	1989-2012
2.5.8 Long term trend direction	decrease (-)
2.5.9 Area of suitable habitat (km²)	
2.5.10 Reason for change	Improved knowledge/more accurate data

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

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
invasive non-native species (I01)	high importance (H)	N/A
infilling of ditches, dykes, ponds, pools, marshes or pits (J02.01.03)	high importance (H)	N/A
Roads, paths and railroads (D01)	medium importance (M)	N/A
agricultural intensification (A02.01)	medium importance (M)	N/A
Modification of hydrographic functioning, general (J02.05)	high importance (H)	N/A
Landfill, land reclamation and drying out, general (J02.01)	medium importance (M)	N/A
reduction or loss of specific habitat features (J03.01)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
human induced changes in hydraulic conditions (J02)	high importance (H)	N/A
anthropogenic reduction of habitat connectivity (J03.02)	high importance (H)	N/A
use of biocides, hormones and chemicals (A07)	medium importance (M)	N/A
Fertilisation (A08)	medium importance (M)	N/A
Urbanised areas, human habitation (E01)	medium importance (M)	N/A
Industrial or commercial areas (E02)	medium importance (M)	N/A
reduced fecundity/ genetic depression (K05)	medium importance (M)	N/A
antagonism arising from introduction of species (K03.05)	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)
invasive non-native species (I01)	high importance (H)	N/A
infilling of ditches, dykes, ponds, pools, marshes or pits (J02.01.03)	high importance (H)	N/A
Roads, paths and railroads (D01)	medium importance (M)	N/A
agricultural intensification (A02.01)	medium importance (M)	N/A
Modification of hydrographic functioning, general (J02.05)	high importance (H)	N/A
Landfill, land reclamation and drying out, general (J02.01)	medium importance (M)	N/A
reduction or loss of specific habitat features (J03.01)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
human induced changes in hydraulic conditions (J02)	high importance (H)	N/A
anthropogenic reduction of habitat connectivity (J03.02)	high importance (H)	N/A
use of biocides, hormones and chemicals (A07)	medium importance (M)	N/A
Fertilisation (A08)	medium importance (M)	N/A
Urbanised areas, human habitation (E01)	medium importance (M)	N/A
Industrial or commercial areas (E02)	medium importance (M)	N/A
reduced fecundity/ genetic depression (K05)	medium importance (M)	N/A

antagonism arising from introduction of species (K03.05)	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	
2.8.3 Trans-boundary assessment	

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

2.9.1 Range	assessment	Bad (U2)
	qualifiers	declining (-)
2.9.2. Population	assessment	Bad (U2)
	qualifiers	declining (-)
2.9.3. Habitat	assessment	Inadequate (U1)
	qualifiers	declining (-)
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		

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
Restoring/improving the hydrological regime (4.2)	Contractual	low importance (L)	Both	Maintain
Specific management of traffic and energy transport systems (8.2)	Contractual	low importance (L)	Both	Maintain

2. Biogeographical Or Marine Level

2.1 Biogeographical Region	**Alpine (ALP)**
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. Distribution data for the following grid cells have been removed by the Ministry of Environment: 10kmE440N255.

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

Distribution data for the following grid cells have been removed by the Ministry of Environment: 10kmE440N255

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.

Zuffi, M.A.L., Di Cerbo, A., Fritz, U., 2011. Emys orbicularis (Linnaeus, 1758), In Fauna d'Italia, Reptilia. Eds C. Corti, M. Capula, L. Luiselli, E. Razzetti, R. Sindaco, pp. 155-165. Edizioni Calderini de Il Sole 24 ORE, Bologna.

2.3 Range

2.3.1 Surface area - Range (km²)	1200		
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			
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	much more than (>>)	
	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	7	max	7
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	decrease (-)			

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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	much 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	Bad
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	decrease (-)
2.5.9 Area of suitable habitat (km²)	
2.5.10 Reason for change	Improved knowledge/more accurate data

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
invasive non-native species (I01)	high importance (H)	N/A
infilling of ditches, dykes, ponds, pools, marshes or pits (J02.01.03)	high importance (H)	N/A
Roads, paths and railroads (D01)	medium importance (M)	N/A
agricultural intensification (A02.01)	medium importance (M)	N/A
Modification of hydrographic functioning, general (J02.05)	high importance (H)	N/A
Landfill, land reclamation and drying out, general (J02.01)	medium importance (M)	N/A
reduction or loss of specific habitat features (J03.01)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
human induced changes in hydraulic conditions (J02)	high importance (H)	N/A
anthropogenic reduction of habitat connectivity (J03.02)	high importance (H)	N/A
use of biocides, hormones and chemicals (A07)	medium importance (M)	N/A
Fertilisation (A08)	medium importance (M)	N/A
Urbanised areas, human habitation (E01)	medium importance (M)	N/A
Industrial or commercial areas (E02)	medium importance (M)	N/A
reduced fecundity/ genetic depression (K05)	medium importance (M)	N/A
antagonism arising from introduction of species (K03.05)	medium importance (M)	N/A

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

2.7 Main Threats

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

Threat	ranking	pollution qualifier(s)
Modification of hydrographic functioning, general (J02.05)	high importance (H)	N/A
Landfill, land reclamation and drying out, general (J02.01)	high importance (H)	N/A
reduction or loss of specific habitat features (J03.01)	high importance (H)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
human induced changes in hydraulic conditions (J02)	medium importance (M)	N/A
anthropogenic reduction of habitat connectivity (J03.02)	high importance (H)	N/A
use of biocides, hormones and chemicals (A07)	low importance (L)	N/A
Fertilisation (A08)	low importance (L)	N/A
Urbanised areas, human habitation (E01)	medium importance (M)	N/A
Industrial or commercial areas (E02)	medium importance (M)	N/A
reduced fecundity/ genetic depression (K05)	medium importance (M)	N/A
antagonism arising from introduction of species (K03.05)	high importance (H)	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	Bad (U2)
	qualifiers	declining (-)
2.9.2. Population	assessment	Bad (U2)
	qualifiers	declining (-)
2.9.3. Habitat	assessment	Bad (U2)
	qualifiers	declining (-)
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		

3.2 Conversation Measures

Notes

Species name: Emys orbicularis (1220) Region code: CON

Field label	Note	User
2.3.1 Surface area - Range (km²)	The area of the range (2.3.1) has been calculated also summing up the grid cells of species' presence in the adjacent biogeographical region of marginal presence. Only cells entirely overlapped to the marginal area have been summed up, in order to avoid an overestimation of the overall specie' range.	ISPRA_AUNA

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