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	**1199**
0.2.2 Species name	**Pelobates fuscus insubricus**
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	Pelobate fosco

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	**Alpine (ALP)**
2.2 Published sources	

2.3 Range

2.3.1 Surface area - Range (km²)		
2.3.2 Method - Range surface area	N/A	
2.3.3 Short-term trend period		
2.3.4 Short-term trend direction	N/A	
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	N/A
	unkown	No
	method	
2.3.10 Reason for change		

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	N/A	
	min		max
2.4.3 Additional information	Definition of locality		
	Conversion method		
	Problems		
2.4.4 Year or period			
2.4.5 Method – population size	N/A		
2.4.6 Short-term trend period			
2.4.7 Short term trend direction	N/A		

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

2.4.8 Short-term trend magnitude	min		max	confidence interval
2.4.9 Short-term trend method	N/A			
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	No		
	method			
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	
2.5.3 Method used - habitat	N/A
2.5.4 a) Quality of habitat	
2.5.4 b) Quality of habitat - method	
2.5.5 Short term trend period	
2.5.6 Short term trend direction	N/A
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	

2.6 Main Pressures

2.6.1 Method used – pressures	N/A

2.7 Main Threats

2.7.1 Method used – threats	N/A

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	N/A
	qualifiers	N/A
2.9.2. Population	assessment	N/A
	qualifiers	N/A
2.9.3. Habitat	assessment	N/A
	qualifiers	N/A
2.9.4. Future prospects	assessment	N/A
	qualifiers	N/A
2.9.5 Overall assessment of Conservation Status	N/A	
2.9.5 Overall trend in Conservation Status	N/A	

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

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

2. Biogeographical Or Marine Level

2.1 Biogeographical Region

Continental (CON)

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: 10kmE454N253; 10kmE459N251; 10kmE419N239; 10kmE413N244; 10kmE414N245; 10kmE419N246; 10kmE419N247; 10kmE412N244; 10kmE421N246.

Andreone, F., Gentilli, A., Scali, S., 2007. Pelobates fuscus (Laurenti, 1768), In Fauna d'Italia, Vol. XLII: Amphibia. Eds B. Lanza, F. Andreone, M.A. Bologna, C. Corti, E. Razzetti, pp. 351-362. Calderini, Bologna.

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 (km^2)	6000
2.3.2 Method - Range surface area	Complete survey/Complete survey or a statistically robust estimate (3)

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

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	N/A
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 37 max 37
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 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	loss of suitable breeding wetlands caused by habitat modifications and by the invasion of non native species (particularly the crayfish Procambarus clarkii)
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)
invasive non-native species (I01)	medium importance (M)	N/A
Fertilisation (A08)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
reduction in genetic exchange (J03.02.03)	high importance (H)	N/A
infilling of ditches, dykes, ponds, pools, marshes or pits (J02.01.03)	high importance (H)	N/A
agricultural intensification (A02.01)	high importance (H)	N/A
use of biocides, hormones and chemicals (A07)	medium importance (M)	N/A
decline or extinction of species (M02.03)	medium importance (M)	N/A
Interspecific faunal relations (K03)	low importance (L)	N/A
Sand and gravel extraction (C01.01)	high importance (H)	N/A
pipe lines (D02.02)	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
Roads, paths and railroads (D01)	low importance (L)	N/A
modification of cultivation practices (A02)	medium importance (M)	N/A
Urbanised areas, human habitation (E01)	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)
invasive non-native species (I01)	medium importance (M)	N/A
Fertilisation (A08)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
reduction in genetic exchange (J03.02.03)	high importance (H)	N/A
infilling of ditches, dykes, ponds, pools, marshes or pits (J02.01.03)	high importance (H)	N/A
agricultural intensification (A02.01)	high importance (H)	N/A
use of biocides, hormones and chemicals (A07)	medium importance (M)	N/A
decline or extinction of species (M02.03)	medium importance (M)	N/A
Interspecific faunal relations (K03)	low importance (L)	N/A
Sand and gravel extraction (C01.01)	high importance (H)	N/A
pipe lines (D02.02)	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
Roads, paths and railroads (D01)	low importance (L)	N/A

modification of cultivation practices (A02)	medium importance (M)	N/A
Urbanised areas, human habitation (E01)	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	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

3.2.1 Measure	3.2.2 Type	3.2.3 Ranking	3.2.4 Location	3.2.5 Broad Evaluation
Other agriculture-related measures (2.0)	Administrative	medium importance (M)	Inside	No effect
Restoring/improving the hydrological regime (4.2)	Contractual Recurrent	low importance (L)	Both	No effect
Specific management of traffic and energy transport systems (8.2)	Contractual	low importance (L)	Both	Maintain