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	**5305**
0.2.2 Species name	**Cobitis zanandreai**
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	cobite del volturno

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	2008
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 Alessandra Ippoliti, Andrea Sibilia (Associazione Italiana Ittiologi Acque dolci - AIIAD) and Anna Alonzi, Piero Genovesi, Francesca Ronchi (Institute for Environmental Protection and Research - ISPRA). Information, unpublished data and experts' judgments have been provided by Francesco Nonnis Marzano, Massimo Lorenzoni, Giuseppe Maio, Massimo Pascale, Armando Piccinini, Elisabetta Pizzul, Cesare M. Puzzi, Lorenzo Tancioni, Paolo Turin (AIIAD). Bianco P.G e Frezza V. in Bianco P.G. e de Filippo G. (eds.) 2011. Contributo alla conoscenza della fauna ittica d'acqua dolce in aree protette d'Italia. Res.Wildl.Conserv. 3. IGF Publ., USA.

2.3 Range

2.3.1 Surface area - Range (km²)	200	
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	1989-2012	
2.3.7 Long-term trend direction	unknown (x)	
2.3.8 Long-term trend magnitude	min	max
2.3.9 Favourable reference range	area (km²)	
	operator	N/A
	unkown	Yes
	method	Expert opinion
2.3.10 Reason for change		

2.4 Population

2.4.1 Population size (individuals or agreed exception)	Unit	N/A
	min	max

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2.4.2 Population size (other than individuals)	Unit	number of map 10x10 km grid cells (grids10x10)	
	min	2	max 2
2.4.3 Additional information	Definition of locality		
	Conversion method	not available	
	Problems	it's not possible to convert grids into individuals	
2.4.4 Year or period	2008		
2.4.5 Method – population size	Estimate based on expert opinion with no or minimal sampling (1)		
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	1989-2012		
2.4.11 Long term trend direction	unknown (x)		
2.4.12 Long-term trend magnitude	min	max	confidence interval
2.4.13 Long-term trend method	Absent data (0)		
2.4.14 Favourable reference population	number		
	operator	much more than (>>)	
	unknown	No	
	method	Expert opinion	
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	Absent data (0)
2.5.4 a) Quality of habitat	Good
2.5.4 b) Quality of habitat - method	Expert opinion
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	1989-2012
2.5.8 Long term trend direction	unknown (x)
2.5.9 Area of suitable habitat (km²)	
2.5.10 Reason for change	Use of different method

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	low importance (L)	N/A
invasive non-native species (I01)	high importance (H)	N/A
human induced changes in hydraulic conditions (J02)	medium importance (M)	N/A
Water abstractions from surface waters (J02.06)	low importance (L)	N/A
surface water abstractions for agriculture (J02.06.01)	low importance (L)	N/A
management of aquatic and bank vegetation for drainage purposes (J02.10)	high importance (H)	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)
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	low importance (L)	N/A
invasive non-native species (I01)	high importance (H)	N/A
human induced changes in hydraulic conditions (J02)	medium importance (M)	N/A
Water abstractions from surface waters (J02.06)	medium importance (M)	N/A
surface water abstractions for agriculture (J02.06.01)	low importance (L)	N/A
management of aquatic and bank vegetation for drainage purposes (J02.10)	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	Uncertain the original distributional area and difficult discrimination between Cobitis bilineata in the Southern Italy. Genetical studies will be necessary to better understand the distribution of the two species.
2.8.3 Trans-boundary assessment	

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

2.9.1 Range	assessment	Unknown (XX)
	qualifiers	N/A
2.9.2. Population	assessment	Bad (U2)
	qualifiers	N/A
2.9.3. Habitat	assessment	Favourable (FV)
	qualifiers	N/A
2.9.4. Future prospects	assessment	Unknown (XX)
	qualifiers	N/A
2.9.5 Overall assessment of Conservation Status	Bad (U2)	
2.9.5 Overall trend in Conservation Status	unknown (x)	

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
No measure known/ impossible to carry out specific measures (1.3)		()		