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	**4011**
0.2.2 Species name	**Bolbelasmus unicornis**
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 expert opinion with no or minimal sampling (1)
1.1.3 Year or period	2007-2012
1.1.4 Additional map	No
1.1.5 Range map	Yes

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 Fabio Stoch (on behalf ot the Comitato Scientifico per la Fauna d'Italia) and Anna Alonzi, Piero Genovesi, Francesca Ronchi (ISPRA). Information, unpublished data and expert judgements have been provided by Paolo Audisio (Rome). Zandigiacomo P., 2006. Nuovo rinvenimento di Bolbelasmus unicornis (Schrank) (Coleoptera, Geotrupidae) in Friuli Venezia Giulia. Bollettino della Società Naturalisti "Silvia Zenari", Pordenone,29: 75-79. Arnone M., Massa B., 2010. A new species of Bolbelasmus Boucomont, 1911 (Insecta Coleoptera Geotrupidae) from Sicily (Italy). Naturalista Siciliano, S. IV, 34(3-4): 401-414. Trizzino M. et al., 2013. Gli artropodi italiani inseriti negli Allegati II e IV della Direttiva Habitat: biologia, ecologia, riconoscimento e monitoraggio. Corpo Forestale dello Stato, Centro Nazionale per lo Studio e la Conservazione della Biodiversità Forestale Bosco Fontana di Verona, Conservazione Habitat Invertebrati, 7 (in press).

2.3 Range

2.3.1 Surface area - Range (km²)	100	
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		
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 opinion
2.3.10 Reason for change	Improved knowledge/more accurate dataUse of different method	

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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 1	max 1

2.4.3 Additional information

Definition of locality	
Conversion method	not available
Problems	it is impossible to convert grids into individuals

2.4.4 Year or period	2007-2012
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	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	N/A
unknown	Yes
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	Moderate
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	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)
agricultural intensification (A02.01)	high importance (H)	N/A
intensive grazing (A04.01)	medium importance (M)	N/A
Fertilisation (A08)	medium importance (M)	N/A
2.6.1 Method used – pressures	based only on expert judgements (1)	

2.7 Main Threats

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Threat	ranking	pollution qualifier(s)
intensive grazing (A04.01)	high importance (H)	N/A
agricultural intensification (A02.01)	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	The data from north-western Italy are not confirmed by recent surveys; the data from fields in Friuli are the only recent citations of this species in Italy
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	N/A
2.9.2. Population	assessment	Unknown (XX)
	qualifiers	N/A
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
No measure known/ impossible to carry out specific measures (1.3)		()		