0.1 Member State	IT
0.2.1 Species code	1168
0.2.2 Species name	Triturus italicus
0.2.3 Alternative species scientific name	Lissotriton italicus
0.2.4 Common name	Tritone italiano

#### 1. National Level

#### **1.1 Maps**

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

### 2. Biogeographical Or Marine Level

#### 2.1 Biogeographical Region

#### 2.2 Published sources

#### Mediterranean (MED)

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 Information, unpublished data and experts' judgments have been provided by Anna Rita Di Cerbo, Francesco Ficetola, Roberto Sindaco.

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.

Scillitani G., Tripepi S., 2007. Lissotriton italicus (Peracca, 1898). In: Fauna d'Italia, vol. XLII, Amphibia. A cura di Lanza B., Andreone F., Bologna M.A., Corti C., Razzetti E., p. 239-246. Calderini, Bologna.

Scillitani G., Tripepi S., Giacoma C., 2006. Triturus italicus (Peracca, 1898). In: Atlante degli Anfibi e dei Rettili d'Italia / Atlas of Italians Amphibians and Reptiles, Sindaco R., Doria G., Razzetti E. & Bernini F. (Eds). p. 226-229. Societas Herpetologica Italica. Edizioni Polistampa, Firenze.

#### 2.3 Range

2.3.1 Surface area - Range (km²)
2.3.2 Method - Range surface area
2.3.3 Short-term trend period
2.3.4 Short-term trend direction
2.3.5 Short-term trend magnitude
2.3.6 Long-term trend period
2.3.7 Long-term trend direction
2.3.8 Long-term trend magnitude
2.3.9 Favourable reference range

52300

Complete survey/Complete survey or a statistically robust estimate (3)

2001-2012 stable (0)

min max

N/A

min max

area (km²)

operator approximately equal to (≈)

unkown No

method Expert judgement

09/04/2014 16.33.20 Page 1 of 9

2.3.10 Reason for change	Use of different method
2.4 Population	
2.4.1 Population size	Unit N/A
(individuals or agreed exception)	min max
2.4.2 Population size	Unit number of map 10x10 km grid cells (grids10x10)
(other than individuals)	min 268 max 268
2.4.3 Additional information	Definition of locality
	Conversion method
	Problems
2.4.4 Year or period	2001-2012  Complete survey/Complete survey or a statistically reduct estimate (2)
<ul><li>2.4.5 Method – population size</li><li>2.4.6 Short-term trend period</li></ul>	Complete survey/Complete survey or a statistically robust estimate (3) 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)
<ul><li>2.4.10 Long-term trend period</li><li>2.4.11 Long term trend direction</li></ul>	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	number
population	operator N/A unknown Yes
	method
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
<ul><li>2.5.3 Method used - habitat</li><li>2.5.4 a) Quality of habitat</li></ul>	Absent data (0) Good
2.5.4 b) Quality of habitat - method	moderate alteration of aquatic habitats mainly because of human activity on
	ponds and ditches, agricultural intensification, urbanisation.
2.5.5 Short term trend period	2001-2012
<ul><li>2.5.6 Short term trend direction</li><li>2.5.7 Long-term trend period</li></ul>	stable (0)
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	

09/04/2014 16.33.20 Page 2 of 9

Pressure	ranking	pollution qualifier(s)
Water abstractions from surface waters (J02.06)	medium importance (M)	N/A
reduction or loss of specific habitat features (J03.01)	medium importance (M)	N/A
infilling of ditches, dykes, ponds, pools, marshes or pits (J02.01.03)	medium importance (M)	N/A
Urbanised areas, human habitation (E01)	medium importance (M)	N/A
groundwater abstractions for agriculture (J02.07.01)	low importance (L)	N/A
Interspecific faunal relations (K03)	medium importance (M)	N/A
agricultural intensification (A02.01)	medium importance (M)	N/A
Silting up (K01.02)	medium importance (M)	N/A
Drying out (K01.03)	medium importance (M)	N/A
Modification of hydrographic functioning, general (J02.05)	medium importance (M)	N/A
reclamation of land from sea, estuary or marsh (J02.01.02)	low importance (L)	N/A

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

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4.7	ıvıa		ше	als

Threat	ranking	pollution qualifier(s)
Water abstractions from surface waters (J02.06)	medium importance (M)	N/A
reduction or loss of specific habitat features (J03.01)	medium importance (M)	N/A
infilling of ditches, dykes, ponds, pools, marshes or pits (J02.01.03)	medium importance (M)	N/A
Urbanised areas, human habitation (E01)	medium importance (M)	N/A
groundwater abstractions for agriculture (J02.07.01)	low importance (L)	N/A
Interspecific faunal relations (K03)	medium importance (M)	N/A
agricultural intensification (A02.01)	medium importance (M)	N/A
Silting up (K01.02)	medium importance (M)	N/A
Drying out (K01.03)	medium importance (M)	N/A
Modification of hydrographic functioning, general (J02.05)	medium importance (M)	N/A
reclamation of land from sea, estuary or marsh (J02.01.02)	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 Favourable (FV) qualifiers N/A

2.9.2. Population assessment Unknown (XX)

qualifiers N/A

2.9.3. Habitat assessment Favourable (FV) qualifiers N/A

09/04/2014 16.33.20 Page 3 of 9

2.9.4. Future prospects

assessment Favourable (FV) qualifiers N/A

2.9.5 Overall assessment of Conservation Status

Favourable (FV)

2.9.5 Overall trend in

N/A

Conservation Status

## 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

N/A

3.1.3 Trend of population size within

N/A

#### 3.2 Conversation Measures

## 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.

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.

Scillitani G., Tripepi S., 2007. Lissotriton italicus (Peracca, 1898). In: Fauna d'Italia, vol. XLII, Amphibia. A cura di Lanza B., Andreone F., Bologna M.A., Corti C., Razzetti E., p. 239-246. Calderini, Bologna.

Scillitani G., Tripepi S., Giacoma C., 2006. Triturus italicus (Peracca, 1898). In: Atlante degli Anfibi e dei Rettili d'Italia / Atlas of Italians Amphibians and Reptiles, Sindaco R., Doria G., Razzetti E. & Bernini F. (Eds). p. 226-229. Societas Herpetologica Italica. Edizioni Polistampa, Firenze.

#### 2.3 Range

2.3.1 Surface area - Range (km²)

2.3.2 Method - Range surface area Co

2.3.3 Short-term trend period

2.3.4 Short-term trend direction

2.3.5 Short-term trend magnitude

2.3.6 Long-term trend period

2.3.7 Long-term trend direction

2.3.8 Long-term trend magnitude

2.3.9 Favourable reference range

5200

Complete survey/Complete survey or a statistically robust estimate (3)

2001-2012 stable (0)

min

N/A

min max

area (km²)

operator approximately equal to (≈)

max

09/04/2014 16.33.20 Page 4 of 9

	unkown method	No Expert judgement	
2.3.10 Reason for change	Use of different me	ethod	
2.4 Population			
2.4.1 Population size	Unit N/A		
(individuals or agreed exception)	min	max	
2.4.2 Population size	Unit number of	map 10x10 km grid ce	ells (grids10x10)
(other than individuals)	min 30	max 30	
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	•	omplete survey or a sta	atistically robust estimate (3)
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 2.4.9 Short-term trend method	min Absent data (0)	max	confidence interval
2.4.10 Long-term trend period	Absent data (o)		
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	number		
population	operator N/A unknown Yes		
	method		
2.4.15 Reason for change	memod		
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	Good	f	
2.5.4 b) Quality of habitat - method			nainly because of water abstraction, ultural intensification, urbanisation.
2.5.5 Short term trend period	2001-2012	, agno	

stable (0)

N/A

#### 2.6 Main Pressures

2.5.10 Reason for change

2.5.6 Short term trend direction

2.5.9 Area of suitable habitat (km²)

2.5.7 Long-term trend period2.5.8 Long term trend direction

09/04/2014 16.33.20 Page 5 of 9

Improved knowledge/more accurate data

• •	•		
Pressure		ranking	pollution qualifier(s)
Water abstractions from surface waters (J02.06)		medium importance (M)	N/A
reduction or loss of specific habitat features (J03.01)		medium importance (M)	N/A
infilling of ditches, dykes, ponds, pools, marshes or pits (J02.01.03)		medium importance (M)	N/A
Urbanised areas, human habitation (E01)		medium importance (M)	N/A
groundwater abstractions for agriculture (J02.07.01)		low importance (L)	N/A
Interspecific faunal relations (K03)		medium importance (M)	N/A
agricultural intensification (A02.01)		medium importance (M)	N/A
2.6.1 Method used – pressures	mainly based on exp	pert judgement and other data	(2)
2.7 Main Threats			
Threat		ranking	pollution qualifier(s)
Water abstractions from surface wate	rs (J02.06)	medium importance (M)	N/A
reduction or loss of specific habitat fea	atures (J03.01)	medium importance (M)	N/A
infilling of ditches, dykes, ponds, pools (J02.01.03)	s, marshes or pits	medium importance (M)	N/A
Urbanised areas, human habitation (E	01)	medium importance (M)	N/A
groundwater abstractions for agriculture (J02.07.01)		low importance (L)	N/A
Interspecific faunal relations (K03)		medium importance (M)	N/A
agricultural intensification (A02.01)		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 co	nservation status at o	end of reporting period)	
2.9.1 Range	assessment Favour	able (FV)	
2.9.2. Population	qualifiers N/A assessment Unknown (XX)		
2.9.3. Habitat	qualifiers N/A assessment Favour qualifiers N/A	able (FV)	
2.9.4. Future prospects	assessment Favour qualifiers N/A	able (FV)	
2.0.5.0	E   -   -   -   -   -		

## 3. Natura 2000 coverage and conservation measures - Annex II species

Favourable (FV)

N/A

2.9.5 Overall assessment of

Conservation Status
2.9.5 Overall trend in

**Conservation Status** 

09/04/2014 16.33.20 Page 6 of 9

#### 3.1 Population

3.1.1 Population Size Unit N/A

min max

3.1.2 Method used N/A

3.1.3 Trend of population size within N/A

3.2 Conversation Measures

## 2. Biogeographical Or Marine Level

2.1 Biogeographical Region

#### 2.2 Published sources

#### Alpine (ALP)

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.

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.

Scillitani G., Tripepi S., 2007. Lissotriton italicus (Peracca, 1898). In: Fauna d'Italia, vol. XLII, Amphibia. A cura di Lanza B., Andreone F., Bologna M.A., Corti C., Razzetti E., p. 239-246. Calderini, Bologna.

Scillitani G., Tripepi S., Giacoma C., 2006. Triturus italicus (Peracca, 1898). In: Atlante degli Anfibi e dei Rettili d'Italia / Atlas of Italians Amphibians and Reptiles, Sindaco R., Doria G., Razzetti E. & Bernini F. (Eds). P. 226-229. Societas Herpetologica Italica. Edizioni Polistampa, Firenze.

#### 2.3 Range

2.3.1 Surface area - Range (km²) 2100

2.3.2 Method - Range surface area

2.3.3 Short-term trend period

2.3.4 Short-term trend direction

2.3.5 Short-term trend magnitude

2.3.6 Long-term trend period

2.3.7 Long-term trend direction

2.3.8 Long-term trend magnitude

2.3.9 Favourable reference range

2100

Complete survey/Complete survey or a statistically robust estimate (3)

2001-2012 stable (0)

min max

N/A

min max

area (km²)

operator approximately equal to (≈)

unkown No

method Expert judgement

2.3.10 Reason for change Use of different method

#### 2.4 Population

2.4.1 Population size Unit N/A

(individuals or agreed exception) min ma

2.4.2 Population size Unit number of map 10x10 km grid cells (grids10x10)

(other than individuals) min 13 max 13

09/04/2014 16.33.20 Page 7 of 9

2.4.3 Additional information	Definition of locality Conversion method Problems		
<ul><li>2.4.4 Year or period</li><li>2.4.5 Method – population size</li><li>2.4.6 Short-term trend period</li></ul>	2001-2012	omplete survey or a statis	tically robust estimate (3)
<ul><li>2.4.7 Short term trend direction</li><li>2.4.8 Short-term trend magnitude</li><li>2.4.9 Short-term trend method</li><li>2.4.10 Long-term trend period</li></ul>	unknown (x) min Absent data (0)	max	confidence interval
2.4.11 Long term trend direction 2.4.12 Long-term trend magnitude 2.4.13 Long-term trend method	N/A min N/A	max	confidence interval
2.4.14 Favourable reference population	number operator N/A unknown Yes method		
2.4.15 Reason for change		ge/more accurate data	
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 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 2.5.7 Long-term trend period 2.5.8 Long term trend direction 2.5.9 Area of suitable habitat (km²)	introduction of pre 2001-2012 stable (0) N/A	dators (e.g. fish).	lly because of water abstraction,
2.5.10 Reason for change	Improved knowled	ge/more accurate data	
2.6 Main Pressures			
Pressure		ranking	pollution qualifier(s)
Water abstractions from surface water	rs (J02.06)	medium importance (N	M) N/A
reduction or loss of specific habitat features (J03.01)		medium importance (N	M) N/A
reduction or loss of specific habitat fea		medium importance (N	Λ) N/A
infilling of ditches, dykes, ponds, pools	, marshes or pits		
infilling of ditches, dykes, ponds, pools (J02.01.03)	•	opert judgement and other	· data (2)
infilling of ditches, dykes, ponds, pools (J02.01.03) 2.6.1 Method used – pressures	•	· · · · · ·	<sup>-</sup> data (2)
infilling of ditches, dykes, ponds, pools (J02.01.03)  2.6.1 Method used – pressures  2.7 Main Threats	•	· · · · · ·	r data (2)  pollution qualifier(s)
infilling of ditches, dykes, ponds, pools (J02.01.03)  2.6.1 Method used – pressures  2.7 Main Threats  Threat	mainly based on ex	pert judgement and other	pollution qualifier(s)
infilling of ditches, dykes, ponds, pools (J02.01.03)  2.6.1 Method used – pressures  2.7 Main Threats  Threat  Water abstractions from surface water reduction or loss of specific habitat fea	mainly based on ex	opert judgement and other	pollution qualifier(s)  N/A

09/04/2014 16.33.20 Page 8 of 9

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 cor	nservation status at end of reporting period)	
2.9.1 Range	assessment Favourable (FV) qualifiers N/A	
2.9.2. Population	assessment Unknown (XX) qualifiers N/A	
2.9.3. Habitat	assessment Favourable (FV) qualifiers N/A	
2.9.4. Future prospects	assessment Favourable (FV) qualifiers N/A	
2.9.5 Overall assessment of Conservation Status	Favourable (FV)	
2.9.5 Overall trend in Conservation Status	N/A	
3. Natura 2000 coverage and conservation measures - Annex II species		
3.1 Population		

# 3.1 Population 3.1.1 Population Size Unit N/A min max 3.1.2 Method used 3.1.3 Trend of population size within N/A 3.2 Conversation Measures

09/04/2014 16.33.20 Page 9 of 9