0.1 Member State	IT
0.2.1 Species code	1209
0.2.2 Species name	Rana dalmatina
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	Rana dalmatina

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 Information, unpublished data and experts' judgments have been provided by Anna Rita Di Cerbo, Francesco Ficetola, Roberto Sindaco.

Bernini F., Guarino F.M., Picariello O., 2007. Rana dalmatina Fitzinger, in Bonaparte, 1838. In: Fauna d'Italia, vol. XLII, Amphibia. A cura di Lanza B., Andreone F., Bologna M.A., Corti C., Razzetti E., p. 404-408. Calderini, Bologna.

Picariello O., Guarino F.M., Barbieri F., 2006. Rana dalmatina Bonaparte, 1838. 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. 352-357. Societas Herpetologica Italica. Edizioni Polistampa, Firenze.

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 (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

69900

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

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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 10x	10 km grid cel	ls (grids10x10)
(other than individuals)	min 354	max	354	
2.4.3 Additional information	Definition of locali	ty		
	Conversion metho	d		
	Problems			
2.4.4 Year or period	2000-2012			
2.4.5 Method – population size	Complete survey/	Complete s	urvey or a sta	tistically 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	min	max		confidence interval
2.4.9 Short-term trend method	Absent data (0)			
2.4.10 Long-term trend period	N1 / A			
2.4.11 Long term trend direction2.4.12 Long-term trend magnitude	N/A min	max		confidence interval
2.4.13 Long-term trend method	N/A	IIIdX		confidence interval
2.4.14 Favourable reference	number			
population	operator N/A			
	unknown Yes			
	method Expe	rt judgeme	nt	
2.4.15 Reason for change	Improved knowled	dge/more a	ccurate 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 habitat2.5.4 b) Quality of habitat - method	Moderate Fragmentation an	d loss of si	iitahla hahitat	because of migration barriers (e.g.
2.3.4 b) Quality of Habitat - Method	-			ilic conditions, deforestation and other
			•	I aquatic habitats.
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 knowle	dge/more	accurate data	
2.3.10 Neason for Change	iliproved knowle	uge/illule	accurate uald	

2.6 Main Pressures

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Pressure	ranking	pollution qualifier(s)
infilling of ditches, dykes, ponds, pools, marshes or pit (J02.01.03)	s high importance (H)	N/A
agricultural intensification (A02.01)	high importance (H)	N/A
Roads, paths and railroads (D01)	high importance (H)	N/A
Water abstractions from surface waters (J02.06)	medium importance (M)	N/A
thinning of tree layer (B02.06)	medium importance (M)	N/A
forestry clearance (B02.02)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marin brackish) (H01)	e & medium importance (M)	N/A
fire and fire suppression (J01)	low importance (L)	N/A
human induced changes in hydraulic conditions (J02)	high importance (H)	N/A
use of biocides, hormones and chemicals (A07)	medium importance (M)	N/A
forest exploitation without replanting or natural regro (B03)	wth medium importance (M)	N/A
Urbanised areas, human habitation (E01)	medium importance (M)	N/A
Changes in abiotic conditions (M01)	medium importance (M)	N/A
Cultivation (A01)	medium importance (M)	N/A
anthropogenic reduction of habitat connectivity (J03.0	D2) high importance (H)	N/A
2.6.1 Method used – pressures mainly based	d on expert judgement and other data	(2)
2.7 Main Threats		

2.7 Main Inreats		
Threat	ranking	pollution qualifier(s)
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
Roads, paths and railroads (D01)	high importance (H)	N/A
Water abstractions from surface waters (J02.06)	medium importance (M)	N/A
thinning of tree layer (B02.06)	medium importance (M)	N/A
forestry clearance (B02.02)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
fire and fire suppression (J01)	low importance (L)	N/A
human induced changes in hydraulic conditions (J02)	high importance (H)	N/A
use of biocides, hormones and chemicals (A07)	medium importance (M)	N/A
forest exploitation without replanting or natural regrowth (B03)	medium importance (M)	N/A
Urbanised areas, human habitation (E01)	medium importance (M)	N/A
Changes in abiotic conditions (M01)	medium importance (M)	N/A
Cultivation (A01)	medium importance (M)	N/A
anthropogenic reduction of habitat connectivity (J03.02)	high importance (H)	N/A
2.7.1 Mothod wood throats		

2.7.1 Method used – threats expert opinion (1)

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2.8 Complementary Information

2.8.1 Justification of % thresholds for trends

2.8.2 Other relevant Information

2.8.3 Trans-boundary assessment

2.9.1 Range assessment Favourable (FV)

qualifiers N/A

assessment Unknown (XX)

qualifiers N/A

assessment Inadequate (U1)

qualifiers declining (-)

assessment Inadequate (U1)

qualifiers declining (-)

Inadequate (U1)

declining (-)

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

2.9.2. Population

2.9.3. Habitat

2.9.4. Future prospects

2.9.5 Overall assessment of **Conservation Status**

2.9.5 Overall trend in **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.

Bernini F., Guarino F.M., Picariello O., 2007. Rana dalmatina Fitzinger, in Bonaparte, 1838. In: Fauna d'Italia, vol. XLII, Amphibia. A cura di Lanza B., Andreone F., Bologna M.A., Corti C., Razzetti E., p. 404-408. Calderini, Bologna.

Picariello O., Guarino F.M., Barbieri F., 2006. Rana dalmatina Bonaparte, 1838. 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. 352-357. Societas Herpetologica Italica. Edizioni Polistampa, Firenze.

Rondinini, C., Battistoni, A., Peronace, V., Teofili, C. (compilatori). 2013. Lista Rossa IUCN dei Vertebrati Italiani. Comitato Italiano IUCN e Ministero

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dell'Ambiente, del Territorio e del Mare, Roma.

		erricorio e der ividi e, it	oma.
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	86500 Complete survey/Co 2001-2012 stable (0) min	mplete survey or a sta	tistically robust estimate (3)
2.3.6 Long-term trend period2.3.7 Long-term trend direction2.3.8 Long-term trend magnitude2.3.9 Favourable reference range	N/A min area (km²) operator unkown method	max approximately equal No Expert judgement	I to (≈)
2.3.10 Reason for change	Use of different met	hod	
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 r min 562	map 10x10 km grid cel max 562	ls (grids10x10)
2.4.3 Additional information	Definition of locality Conversion method Problems		
2.4.4 Year or period2.4.5 Method – population size2.4.6 Short-term trend period2.4.7 Short term trend direction	2000-2012 Complete survey/Cor 2001-2012 stable (0)	mplete survey or a sta	tistically robust estimate (3)
2.4.8 Short-term trend magnitude 2.4.9 Short-term trend method 2.4.10 Long-term trend period	min Estimate based on pa	max artial data with some e	confidence interval extrapolation and/or modelling (2)
2.4.11 Long term trend direction2.4.12 Long-term trend magnitude2.4.13 Long-term trend method2.4.14 Fayourable reference	N/A min N/A number	max	confidence interval
population	unknown No	mately equal to (≈)	
2.4.15 Reason for change		udgement	
	Improved knowledge	more accurate data	
2.5 Habitat for the Species2.5.1 Surface area - Habitat (km²)			
2.5.2 Year or period	2000-2012		

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Fragmentation and loss of suitable habitat because of migration barriers (e.g. roads) infilling of ponds, changes in hydraulic conditions, deforestation and other

Absent data (0)

Moderate

2.5.3 Method used - habitat

2.5.4 b) Quality of habitat - method

2.5.4 a) Quality of habitat

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)
2.5.10 Reason for change

human activities on suitable terrestrial and aquatic habitats.

decrease (-)

N/A

Improved knowledge/more accurate data

2.6 Main Pressures		
Pressure	ranking	pollution qualifier(s)
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
Roads, paths and railroads (D01)	high importance (H)	N/A
Water abstractions from surface waters (J02.06)	medium importance (M)	N/A
thinning of tree layer (B02.06)	medium importance (M)	N/A
forestry clearance (B02.02)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
fire and fire suppression (J01)	low importance (L)	N/A
human induced changes in hydraulic conditions (J02)	high importance (H)	N/A
use of biocides, hormones and chemicals (A07)	medium importance (M)	N/A
forest exploitation without replanting or natural regrowth (B03)	medium importance (M)	N/A
Urbanised areas, human habitation (E01)	medium importance (M)	N/A
Changes in abiotic conditions (M01)	medium importance (M)	N/A
Cultivation (A01)	medium importance (M)	N/A
anthropogenic reduction of habitat connectivity (J03.02)	high importance (H)	N/A
2.6.1 Method used – pressures mainly based on ex	pert judgement and other data ((2)
2.7 Main Threats		
Threat	ranking	pollution qualifier(s)
infilling of ditches, dykes, ponds, pools, marshes or pits (J02.01.03)	high importance (H)	N/A
agricultural intensification (A02.01)	medium importance (M)	N/A
Roads, paths and railroads (D01)	high importance (H)	N/A
Water abstractions from surface waters (J02.06)	medium importance (M)	N/A
thinning of tree layer (B02.06)	medium importance (M)	N/A
forestry clearance (B02.02)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
fire and fire suppression (J01)	low importance (L)	N/A
human induced changes in hydraulic conditions (J02)	high importance (H)	N/A
use of biocides, hormones and chemicals (A07)	medium importance (M)	N/A

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forest exploitation without replanting or natural regrowth (B03)	medium importance (M)	N/A
Urbanised areas, human habitation (E01)	medium importance (M)	N/A
Changes in abiotic conditions (M01)	medium importance (M)	N/A
Cultivation (A01)	medium importance (M)	N/A
anthropogenic reduction of habitat connectivity (J03.02)	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)

assessment Favourable (FV) 2.9.1 Range qualifiers N/A 2.9.2. Population assessment Favourable (FV) qualifiers N/A

assessment Inadequate (U1)

qualifiers declining (-)

assessment Inadequate (U1)

qualifiers declining (-)

Inadequate (U1)

declining (-)

2.9.3. Habitat

2.9.4. Future prospects

2.9.5 Overall assessment of **Conservation Status**

2.9.5 Overall trend in

Conservation Status

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

3.1 Population

3.1.1 Population Size Unit N/A min 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.

Bernini F., Guarino F.M., Picariello O., 2007. Rana dalmatina Fitzinger, in Bonaparte, 1838. In: Fauna d'Italia, vol. XLII, Amphibia. A cura di Lanza B.,

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max

Andreone F., Bologna M.A., Corti C., Razzetti E., p. 404-408. Calderini, Bologna.

Picariello O., Guarino F.M., Barbieri F., 2006. Rana dalmatina Bonaparte, 1838. 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. 352-357. Societas Herpetologica Italica. Edizioni Polistampa, Firenze.

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 (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

23500

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

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)

149 min max 149

2.4.3 Additional information

Definition of locality

Conversion method

Problems

2.4.4 Year or period

2.4.5 Method – population size

2.4.6 Short-term trend period

2.4.7 Short term trend direction

2.4.8 Short-term trend magnitude

2.4.9 Short-term trend method

2.4.10 Long-term trend period

2.4.11 Long term trend direction

2.4.12 Long-term trend magnitude

2.4.13 Long-term trend method

2.4.14 Favourable reference

population

2000-2012

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

2001-2012

stable (0)

confidence interval

Estimate based on partial data with some extrapolation and/or modelling (2)

N/A

min confidence interval max

N/A

number

operator approximately equal to (\approx)

unknown

method Expert judgement

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, ,	•		
2.4.15 Reason for change	Improved knowled	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	pollution and infilli	and, agricultural intensification, ng of water bodies affect breed cts breeding migration.	•
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) 2.5.10 Reason for change	2000-2012 stable (0) N/A Improved knowled	ge/more accurate data	
2.6 Main Pressures			
Pressure		ranking	pollution qualifier(s)
Roads, paths and railroads (D01)		high importance (H)	N/A
infilling of ditches, dykes, ponds, pools (J02.01.03)	s, marshes or pits	medium importance (M)	N/A
Pollution to surface waters (limnic & to brackish) (H01)	errestrial, marine &	medium importance (M)	N/A
invasive non-native species (I01)		medium importance (M)	N/A
Forest and Plantation management &	use (B02)	medium importance (M)	N/A

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

Water abstractions from surface waters (J02.06)

removal of hedges and copses or scrub (A10.01)

use of biocides, hormones and chemicals (A07)

agricultural intensification (A02.01)

Landfill, land reclamation and drying out, general (J02.01)

	, , ,	` '
2.7 Main Threats		
Threat	ranking	pollution qualifier(s)
Roads, paths and railroads (D01)	high importance (H)	N/A
infilling of ditches, dykes, ponds, pools, marshes or pits (J02.01.03)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
invasive non-native species (IO1)	medium importance (M)	N/A
Forest and Plantation management & use (B02)	medium importance (M)	N/A
Water abstractions from surface waters (J02.06)	medium importance (M)	N/A
Landfill, land reclamation and drying out, general (J02.01)	medium importance (M)	N/A
agricultural intensification (A02.01)	medium importance (M)	N/A

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medium importance (M)

medium importance (M)

medium importance (M)

low importance (L)

low importance (L)

N/A

N/A

N/A

N/A

N/A

removal of hedges and copses or scrub	(A10.01)	low importance (L)	N/A	
use of biocides, hormones and chemica	ıls (A07)	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 con	servation status at e	nd of reporting period)	
2.9.1 Range	assessment Favoura	ble (FV)		
	qualifiers N/A			
2.9.2. Population	assessment Favoura	ble (FV)		
	qualifiers N/A			
2.9.3. Habitat	assessment Favoura	ble (FV)		
	qualifiers N/A			
2.9.4. Future prospects	assessment Favoura	ble (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				
3.1.1 Population Size	Unit min	N/A	max	
3.1.2 Method used3.1.3 Trend of population size within	N/A N/A			
3.2 Conversation Measures				

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