0.1 Member State	Π
0.2.1 Species code	1357
0.2.2 Species name	Martes martes
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
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

Mediterranean (MED)

The present species assessment (fields 0.1-2.9) has been compiled by Daniele Paoloni, Cristiano Spilinga (Associazione Teriologica Italiana - ATIt) and Anna Alonzi, Piero Genovesi, Francesca Ronchi (Institute for Environmental Protection and Research - ISPRA). Information, unpublished data and experts' judgments have been provided by Marco Apollonio, Luigi Boitani, Paolo Ciucci, Luca Lapini, Anna Loy, Andrea Sforzi (ATIt).

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22/04/2014 11.59.08 Page 1 of 10

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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

64800

Estimate based on expert opinion with no or minimal sampling (1)

2001-2012

stable (0)

min max

N/A

min max

area (km²)

operator approximately equal to (≈)

unkown No

method Expert judgment

2.3.10 Reason for change

Improved knowledge/more accurate dataUse of different method

2.4 Population

2.4.1 Population size

(individuals or agreed exception)

Unit N/A

max min

2.4.2 Population size

(other than individuals)

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

293 max 293 min

2.4.3 Additional information

Definition of locality

Conversion method

Problems Impossible to convert grids into individuals

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

1985-2012

Estimate based on expert opinion with no or minimal sampling (1)

2001-2012

unknown (x)

confidence interval min max

Absent data (0)

N/A

min

confidence interval max

N/A

number

operator approximately equal to (\approx)

unknown

method Expert judgement

2.4.15 Reason for change

2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km²)

22/04/2014 11.59.08 Page 2 of 10

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 based
2.5.5 Short term trend period	2001-2012
2.5.6 Short term trend direction	stable (0)
2.5.7 Long-term trend period	
2.5.8 Long term trend direction	N/A
2.5.9 Area of suitable habitat (km²)	75623
2.5.10 Reason for change	

2.6 Main Pressures			
Pressure		ranking	pollution qualifier(s)
trapping, poisoning, poaching (F03.02.0	03)	medium importance (M)	N/A
anthropogenic reduction of habitat con	nnectivity (J03.02)	medium importance (M)	N/A
continuous urbanisation (E01.01)		low importance (L)	N/A
forest exploitation without replanting of (B03)	or natural regrowth	low importance (L)	N/A
Forest and Plantation management &	use (B02)	low importance (L)	N/A
2.6.1 Method used – pressures	based only on exper	t judgements (1)	
2.7 Main Threats			
Threat		ranking	pollution qualifier(s)

2.7 Main Threats		
Threat	ranking	pollution qualifier(s)
trapping, poisoning, poaching (F03.02.03)	medium importance (M)	N/A
anthropogenic reduction of habitat connectivity (J03.02)	medium importance (M)	N/A
continuous urbanisation (E01.01)	low importance (L)	N/A
forest exploitation without replanting or natural regrowth (B03)	low importance (L)	N/A
Forest and Plantation management & use (B02)	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

2.9.4. Future prospects

assessment Favourable (FV)
qualifiers N/A

22/04/2014 11.59.08 Page 3 of 10

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

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 Daniele Paoloni, Cristiano Spilinga (Associazione Teriologica Italiana - ATIt) and Anna Alonzi, Piero Genovesi, Francesca Ronchi (Institute for Environmental Protection and Research - ISPRA). Information, unpublished data and experts' judgments have been provided by Marco Apollonio, Luigi Boitani, Paolo Ciucci, Luca Lapini, Anna Loy, Andrea Sforzi (ATIt).

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22/04/2014 11.59.08 Page 4 of 10

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Sindaco, R., Carpegna F., 2012. . Segnalazioni Faunistiche Piemostesi, III. Rivista piemontese di Storia naturale, 31: 397-422.

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

17200

Estimate based on expert opinion with no or minimal sampling (1)

2001-2012 stable (0)

min max

N/A

min max

area (km²)

operator approximately equal to (≈)

unkown No

method Expert judgment

2.3.10 Reason for change

Improved knowledge/more accurate dataUse of different method

2.4 Population

2.4.1 Population size

(individuals or agreed exception)

2.4.2 Population size

(other than individuals)

Unit N/A

min max

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

min 58 max 58

2.4.3 Additional information

Definition of locality

Conversion method

Problems Impossible to convert grids into individuals

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 12 Lang town two dwath ad

2.4.13 Long-term trend method

2.4.14 Favourable reference

population

1985-2012

Estimate based on expert opinion with no or minimal sampling (1)

2001-2012

unknown (x)

min max confidence interval

Absent data (0)

N/A

min max confidence interval

N/A

number

operator approximately equal to (≈)

unknown No

22/04/2014 11.59.08 Page 5 of 10

	method Expert j	udgement	
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 - habitat2.5.4 a) Quality of habitat	Absent data (0) Good		
2.5.4 b) Quality of habitat - method	Expert based		
2.5.5 Short term trend period	2001-2012		
2.5.6 Short term trend direction	stable (0)		
2.5.7 Long-term trend period	- 1		
2.5.8 Long term trend direction	N/A		
2.5.9 Area of suitable habitat (km²)2.5.10 Reason for change	20324 Use of different met	hod	
2.5.10 Reason for Change	ose of different met	iilou	
2.6 Main Pressures			
Pressure		ranking	pollution qualifier(s)
trapping, poisoning, poaching (F03.02.	03)	medium importance (M)	N/A
anthropogenic reduction of habitat co	nnectivity (J03.02)	medium importance (M)	N/A
continuous urbanisation (E01.01)		medium importance (M)	N/A
Forest and Plantation management &	use (B02)	low importance (L)	N/A
forest exploitation without replanting	or natural regrowth	low importance (L)	N/A
(B03)			
2.6.1 Method used – pressures	based only on exper	t judgements (1)	
2.7 Main Threats			
Threat		ranking	pollution qualifier(s)
trapping, poisoning, poaching (F03.02.	03)	medium importance (M)	N/A
anthropogenic reduction of habitat co	nnectivity (J03.02)	medium importance (M)	N/A
continuous urbanisation (E01.01)		medium importance (M)	N/A
Forest and Plantation management &	use (B02)	low importance (L)	N/A
forest exploitation without replanting (B03)	or natural regrowth	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 cor	nservation status at e	end of reporting period)	
2.0.4.0		the (EV)	

22/04/2014 11.59.08 Page 6 of 10

assessment Favourable (FV)

assessment Unknown (XX)

qualifiers N/A

qualifiers N/A

2.9.1 Range

2.9.2. Population

max

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

assessment Favourable (FV) qualifiers N/A

assessment Favourable (FV)

qualifiers N/A

Favourable (FV)

N/A

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

3.1 Population

3.1.1 Population Size

Unit N/A

min

N/A

3.1.2 Method used

14//

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 Daniele Paoloni, Cristiano Spilinga (Associazione Teriologica Italiana - ATIt) and Anna Alonzi, Piero Genovesi, Francesca Ronchi (Institute for Environmental Protection and Research - ISPRA). Information, unpublished data and experts' judgments have been provided by Marco Apollonio, Luigi Boitani, Paolo Ciucci, Luca Lapini, Anna Loy, Andrea Sforzi (ATIt).

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Museo Friulano di Storia Naturale (Udine), Novembre 2011. Lo stato di conoscenza e di conservazione di alcune specie animali di interesse comunitario in Friuli Venezia Giulia.

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22/04/2014 11.59.08 Page 7 of 10

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Sindaco, R., Carpegna F., 2012. . Segnalazioni Faunistiche Piemostesi, III. Rivista piemontese di Storia naturale, 31: 397-422.

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

41200

Estimate based on expert opinion with no or minimal sampling (1)

2001-2012 increase (+)

min max

N/A

min max

area (km²)

operator approximately equal to (\approx)

unkown No

method Expert judgment

2.3.10 Reason for change

Improved knowledge/more accurate dataUse 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 194 max 194

2.4.3 Additional information

Definition of locality

Conversion method

Problems Impossible to convert grids into individuals

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

1985-2012

Estimate based on expert opinion with no or minimal sampling (1)

2001-2012

stable (0)

nin max

confidence interval

Estimate based on expert opinion with no or minimal sampling (1)

N/A

22/04/2014 11.59.08 Page 8 of 10

2.4.12 Long-term trend magnitude confidence interval min max 2.4.13 Long-term trend method N/A number 2.4.14 Favourable reference population operator approximately equal to (≈) unknown method Expert judgement 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 based 2.5.5 Short term trend period 2001-2012 2.5.6 Short term trend direction stable (0)

2.5.8 Long term trend direction N/A
2.5.9 Area of suitable habitat (km²) 33251

2.5.7 Long-term trend period

2.5.10 Reason for change Use of different method

2.6 Main Pressures		
Pressure	ranking	pollution qualifier(s)
trapping, poisoning, poaching (F03.02.03)	low importance (L)	N/A
anthropogenic reduction of habitat connectivity (J03.02)	low importance (L)	N/A
continuous urbanisation (E01.01)	low importance (L)	N/A
Forest and Plantation management & use (B02)	low importance (L)	N/A
forest exploitation without replanting or natural regrowth (B03)	low importance (L)	N/A

2.6.1 Method used – pressures based only on expert judgements (1)

2.7 Main Threats

Threat	ranking	pollution qualifier(s)
trapping, poisoning, poaching (F03.02.03)	low importance (L)	N/A
anthropogenic reduction of habitat connectivity (J03.02)	low importance (L)	N/A
continuous urbanisation (E01.01)	low importance (L)	N/A
forest exploitation without replanting or natural regrowth (B03)	low importance (L)	N/A
Forest and Plantation management & use (B02)	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 trends2.8.2 Other relevant Information

2.8.3 Trans-boundary assessment

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

22/04/2014 11.59.08 Page 9 of 10

2.9.1 Range	assessment Favourable (FV) qualifiers N/A
2.9.2. Population	assessment Favourable (FV) 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			
3.1.1 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			

22/04/2014 11.59.08 Page 10 of 10

Species name: Martes martes (1357) Region code: ALP

Field label Note User

2.5.9 Area of suitable habitat (km2)

The area of suitable habitat (2.5.9) has been calculated by intersecting habitat suitability models with each biogeographical region in which the species is present. The habitat suitability models are those included in the Italian Ecological Network (Rete Ecologica Nazionale – REN; Boitani et al. 2002), and were developed at the national scale for all vertebrate species, based on species-environments relationships defined with inputs from leading species' experts. The models were created integrating into a Geographic Information System geographic and environmental data, such as Corine Land Cover, Digital Terrain Model, water and road networks.

ISPRA_ AUNA

ISPRA_A

Source: Boitani L., Corsi F., Falcucci A., Maiorano L., Marzetti I., Masi M., Montemaggiori A., Ottaviani D., Reggiani G., Rondinini C., 2002. Rete Ecologica Nazionale. Un approccio alla conservazione dei vertebrati italiani. Università di Roma "La Sapienza", Dipartimento di Biologia Animale e dell'Uomo; Ministero dell'Ambiente, Direzione per la Conservazione della Natura; Istituto di Ecologia Applicata. Http://www.gisbau.uniroma1.it/REN

Species name: Martes martes (1357) Region code: CON

Field label Note User

2.5.9 Area of suitable habitat (km2)

The area of suitable habitat (2.5.9) has been calculated by intersecting habitat suitability models with each biogeographical region in which the species is present. The habitat suitability models are those included in the Italian Ecological Network (Rete Ecologica Nazionale – REN; Boitani et al. 2002), and were developed at the national scale for all vertebrate species, based on species-environments relationships defined with inputs from leading species' experts. The models were created integrating into a Geographic Information System geographic and environmental data, such as Corine Land Cover, Digital Terrain Model, water and road networks.

Source: Boitani L., Corsi F., Falcucci A., Maiorano L., Marzetti I., Masi M., Montemaggiori A., Ottaviani D., Reggiani G., Rondinini C., 2002. Rete Ecologica Nazionale. Un approccio alla conservazione dei vertebrati italiani. Università di Roma "La Sapienza", Dipartimento di Biologia Animale e dell'Uomo; Ministero dell'Ambiente, Direzione per la Conservazione della Natura; Istituto di Ecologia Applicata. Http://www.gisbau.uniroma1.it/REN

Species name: Martes martes (1357) Region code: MED

Field label Note User

22/04/2014 11.58.57 Page 1

2.5.9 Area of suitable habitat (km2)

The area of suitable habitat (2.5.9) has been calculated by intersecting habitat suitability models with each biogeographical region in which the species is present. The habitat suitability models are those included in the Italian Ecological Network (Rete Ecologica Nazionale – REN; Boitani et al. 2002), and were developed at the national scale for all vertebrate species, based on species-environments relationships defined with inputs from leading species' experts. The models were created integrating into a Geographic Information System geographic and environmental data, such as Corine Land Cover, Digital Terrain Model, water and road networks.

ISPRA

AUNA

Source: Boitani L., Corsi F., Falcucci A., Maiorano L., Marzetti I., Masi M., Montemaggiori A., Ottaviani D., Reggiani G., Rondinini C., 2002. Rete Ecologica Nazionale. Un approccio alla conservazione dei vertebrati italiani. Università di Roma "La Sapienza", Dipartimento di Biologia Animale e dell'Uomo; Ministero dell'Ambiente, Direzione per la Conservazione della Natura; Istituto di Ecologia Applicata. Http://www.gisbau.uniroma1.it/REN

22/04/2014 11.58.57 Page 2