0.1 Member State	IT
0.2.1 Species code	1317
0.2.2 Species name	Pipistrellus nathusii
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 partial data with some extrapolation and/or modelling (2)
1.1.3 Year or period	1985-2012
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

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 Information, unpublished data and experts' judgments have been provided by Paolo Agnelli, Mara Calvini, Luca Cistrone, Michele Ferretto, Danilo Russo, Dino Scaravelli, Martina Spada, Roberto Toffoli, Simone Vergari (Italian Group for bat Research).

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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

5800

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

2001-2012 stable (0)

min max

N/A

min max

area (km²)

operator approximately equal to (\approx)

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unkown No method Expert judgement 2.3.10 Reason for change Improved knowledge/more accurate dataUse 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) max 24 min 2.4.3 Additional information **Definition of locality** Conversion method **Problems** Impossible to convert grids into individuals 1985-2012 2.4.4 Year or period 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 stable (0) 2.4.8 Short-term trend magnitude confidence interval min max 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 confidence interval max 2.4.13 Long-term trend method N/A number 2.4.14 Favourable reference population operator approximately equal to (\approx) unknown method Expert judgement 2.4.15 Reason for change Improved knowledge/more accurate data Use of different method 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) 2.5.7 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 Use of different method 2.6 Main Pressures

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Asse of biocides, hormones and chemicals (A07) management of aquatic and bank vegetation for drainage burposes (J02.10) Forest and Plantation management & use (B02) medium importance (M) N/A pollution to surface waters (limnic & terrestrial, marine & high importance (H) N/A medium importance (H) N/A medium importance (H) N/A medium importance (H) N/A medium importance (M) N/A medium importance (H) N/A management of aquatic and bank vegetation for drainage burposes (J02.10) medium importance (H) N/A menagement of aquatic and bank vegetation for drainage burposes (J02.10) medium importance (M) N/A medium importance (M	Pressure		ranking	pollution qualifier(s)
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Pollution to surface waters (limnic & terrestrial, marine & high importance (H) N/A prackish) (H01) wind energy production (C03.03) medium importance (M) N/A purning down (J01.01) medium importance (M) N/A 2.6.1 Method used – pressures based only on expert judgements (1) 2.7 Main Threats Threat ranking pollution qualifier(s) modification of cultivation practices (A02) medium importance (M) N/A use of biocides, hormones and chemicals (A07) high importance (H) N/A management of aquatic and bank vegetation for drainage high importance (H) N/A purposes (J02.10) Forest and Plantation management & use (B02) medium importance (M) N/A removal of dead and dying trees (B02.04) medium importance (M) N/A punuan induced changes in hydraulic conditions (J02) high importance (H) N/A pollution to surface waters (limnic & terrestrial, marine & high importance (H) N/A pollution to surface waters (limnic & terrestrial, marine & high importance (H) N/A pollution do surface waters (limnic & terrestrial, marine & high importance (H) N/A purning down (J01.01) medium importance (M) N/A purning down (J01.01) medium importance (M) N/A 2.7.1 Method used – threats expert opinion (1) 2.8.1 Justification of % thresholds for trends 2.8.2 Other relevant Information	removal of dead and dying trees (B02.	04)	medium importance (M)	N/A
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2.7 Main Threats Threat ranking pollution qualifier(s) modification of cultivation practices (A02) medium importance (M) N/A N/A suse of biocides, hormones and chemicals (A07) management of aquatic and bank vegetation for drainage purposes (J02.10) Forest and Plantation management & use (B02) medium importance (M) N/A memoral of dead and dying trees (B02.04) medium importance (M) N/A muman induced changes in hydraulic conditions (J02) high importance (H) N/A Pollution to surface waters (limnic & terrestrial, marine & high importance (H) N/A pourning down (J01.01) medium importance (H) N/A pourning down (J01.01) medium importance (M) N/A pourning down (J01.01) 2.8.1 Justification of % thresholds for trends 2.8.2 Other relevant Information	burning down (J01.01)		medium importance (M)	N/A
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Forest and Plantation management & use (B02) medium importance (M) N/A removal of dead and dying trees (B02.04) medium importance (M) N/A ruman induced changes in hydraulic conditions (J02) high importance (H) N/A Pollution to surface waters (limnic & terrestrial, marine & high importance (H) N/A porackish) (H01) wind energy production (C03.03) high importance (H) N/A pourning down (J01.01) medium importance (M) N/A 2.7.1 Method used – threats expert opinion (1) 2.8.1 Justification of % thresholds for trends 2.8.2 Other relevant Information	use of biocides, hormones and chemic	cals (A07)	high importance (H)	N/A
removal of dead and dying trees (B02.04) muman induced changes in hydraulic conditions (J02) high importance (H) N/A Pollution to surface waters (limnic & terrestrial, marine & high importance (H) N/A proackish) (H01) wind energy production (C03.03) high importance (H) N/A purning down (J01.01) 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	management of aquatic and bank veg purposes (J02.10)	etation for drainage	high importance (H)	N/A
Pollution to surface waters (limnic & terrestrial, marine & high importance (H) N/A Porackish) (H01) Wind energy production (C03.03) high importance (H) N/A Pourning down (J01.01) medium importance (M) Pourning down (J01.01) medium importance (M) Pourning down (J01.01) medium impo	Forest and Plantation management &	use (B02)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & high importance (H) N/A prackish) (H01) wind energy production (C03.03) high importance (H) N/A purning down (J01.01) 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	removal of dead and dying trees (B02.	04)	medium importance (M)	N/A
wind energy production (C03.03) high importance (H) N/A purning down (J01.01) 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	human induced changes in hydraulic c	conditions (J02)	high importance (H)	N/A
ourning down (J01.01) 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	Pollution to surface waters (limnic & t brackish) (H01)	errestrial, marine &	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	wind energy production (C03.03)		high importance (H)	N/A
2.8 Complementary Information 2.8.1 Justification of % thresholds for trends 2.8.2 Other relevant Information	burning down (J01.01)		medium importance (M)	N/A
2.8.1 Justification of % thresholds for trends 2.8.2 Other relevant Information	2.7.1 Method used – threats	expert opinion (1)		
zrends 2.8.2 Other relevant Information	2.8 Complementary Information			
	2.8.1 Justification of % thresholds for trends			
2.8.3 Trans-boundary assessment	2.8.2 Other relevant Information			
	2.8.3 Trans-boundary assessment			

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

2.5 Conclusions (assessment of co	onservation status at end of re
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	Favourable (FV)

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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 Paolo Agnelli, Mara Calvini, Luca Cistrone, Michele Ferretto, Danilo Russo, Dino Scaravelli, Martina Spada, Roberto Toffoli, Simone Vergari (Italian Group for bat Research).

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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

22600

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

2001-2012 stable (0)

min max

N/A

min max

area (km²)

operator approximately equal to (≈)

unkown N

method Expert judgement

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)

2.4.3 Additional information

Unit N/A

min max

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

min 72 max 72

Definition of locality

Conversion method

Problems Impossible to convert grids into individuals

2.4.4 Year or period

1985-2012

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2.4.5 Method – population size	Estimate b	ased on expert opinion w	rith no or minimal sampling (1)
2.4.6 Short-term trend period	2001-2012		
2.4.7 Short term trend direction	stable (0)		
2.4.8 Short-term trend magnitude	min	max	confidence interval
2.4.9 Short-term trend method 2.4.10 Long-term trend period	Estimate b	ased on expert opinion w	ith no or minimal sampling (1)
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	approximately equal to) (≈)
	unknown	No	
	method	Expert judgement	
2.4.15 Reason for change	Improved I	knowledge/more accurate	e data Use of different method
2.5 Habitat for the Species			
2.5.1 Surface area - Habitat (km²) 2.5.2 Year or period			

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)

2.5.10 Reason for change

2.6 Main Pressures

Absent data (0)

Good

Expert based

2001-2012

stable (0)

N/A

Improved knowledge/more accurate data Use of different method

Pressure	ranking	pollution qualifier(s)
modification of cultivation practices (A02)	medium importance (M)	N/A
use of biocides, hormones and chemicals (A07)	high importance (H)	N/A
management of aquatic and bank vegetation for drainage purposes (J02.10)	high importance (H)	N/A
Forest and Plantation management & use (B02)	medium importance (M)	N/A
removal of dead and dying trees (B02.04)	medium importance (M)	N/A

human induced changes in hydraulic conditions (J02) high importance (H) N/A Pollution to surface waters (limnic & terrestrial, marine & N/A high importance (H) brackish) (H01)

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

2.7 Ividili Tilledis		
Threat	ranking	pollution qualifier(s)
modification of cultivation practices (A02)	medium importance (M)	N/A
use of biocides, hormones and chemicals (A07)	high importance (H)	N/A
management of aquatic and bank vegetation for drainage purposes (J02.10)	high importance (H)	N/A

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Forest and Plantation management & use (B02)	medium importance (M)	N/A
removal of dead and dying trees (B02.04)	medium importance (M)	N/A
human induced changes in hydraulic conditions (J02)	high importance (H)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	high importance (H)	N/A
wind energy production (C03.03)	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

2.9.3. Habitat assessment Favourable (FV)

qualifiers N/A

assessment Favourable (FV)

qualifiers N/A

Favourable (FV)

2.9.5 Overall assessment of **Conservation Status**

2.9.4. Future prospects

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

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 Paolo Agnelli, Mara Calvini, Luca Cistrone, Michele Ferretto, Danilo Russo, Dino Scaravelli, Martina Spada, Roberto Toffoli, Simone Vergari (Italian Group for bat Research).

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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

12000

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

2001-2012 stable (0)

min max

N/A

min max

area (km²)

operator approximately equal to (\approx)

unkown No

method Expert judgement

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

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2.4.2 Population size (other than individuals)	Unit no	•	x10 km grid cells (grids10x10) 42	
2.4.3 Additional information	Definition of Conversion Problems	method	possible to convert grids into indivic	duals
 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 	1990-2012 Estimate b 2001-2012 stable (0)	ased on expert op	oinion with no or minimal sampling (
2.4.8 Short-term trend magnitude2.4.9 Short-term trend method2.4.10 Long-term trend period	min	max ased on expert op	confidence interva pinion with no or minimal sampling (
2.4.11 Long term trend direction2.4.12 Long-term trend magnitude2.4.13 Long-term trend method	N/A min N/A	max	confidence interva	ıl
2.4.14 Favourable reference population	number operator unknown	approximately e	equal to (≈)	
	method	Expert judgeme	ent	
2.4.15 Reason for change	Improved I	knowledge/more a	accurate data Use of different meth	ıod

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)
2.5.7 Long-term trend period	
2.5.8 Long term trend direction	N/A
2 E O Area of suitable babitat (km²)	

2.5.9 Area of suitable habitat (km²)

Improved knowledge/more accurate data Use of different method 2.5.10 Reason for change

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
modification of cultivation practices (A02)	medium importance (M)	N/A
use of biocides, hormones and chemicals (A07)	medium importance (M)	N/A
management of aquatic and bank vegetation for drainage purposes (J02.10)	high importance (H)	N/A
Forest and Plantation management & use (B02)	medium importance (M)	N/A
removal of dead and dying trees (B02.04)	medium importance (M)	N/A
human induced changes in hydraulic conditions (J02)	high importance (H)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	high importance (H)	N/A

2.6.1 Method used – pressures

based only on expert judgements (1)

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2.7 Main Threats		
Threat	ranking	pollution qualifier(s)
modification of cultivation practices (A02)	medium importance (M)	N/A
use of biocides, hormones and chemicals (A07)	medium importance (M)	N/A
management of aquatic and bank vegetation for drainag purposes (J02.10)	e high importance (H)	N/A
Forest and Plantation management & use (B02)	medium importance (M)	N/A
removal of dead and dying trees (B02.04)	medium importance (M)	N/A
human induced changes in hydraulic conditions (J02)	high importance (H)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	& high importance (H)	N/A
wind energy production (C03.03)	high importance (H)	N/A
2.7.1 Method used – threats expert oninion	(1)	

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 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 Favourable (FV)
Conservation Status

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

3.1.2 Method used N/A

3.1.3 Trend of population size within N/A

3.2 Conversation Measures

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max