CODE: 9120

NAME: Atlantic acidophilous beech forests with Ilex and sometimes also Taxus in the shrublayer (Quercion robori-petraeae

1. National Level

1.1 Maps

1.1.1 Distribution Map

1.1.2 Distribution Method

1.1.3 Year or period

1.1.4 Additional map

1.1.5 Range Map

Yes

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

2005-2012

No

Yes

2. Biogeographical Or Marine Level

2.1 Biogeographical Region

2.2 Published

Mediterranean (MED)

The present Habitat assessment (fields 0.1-3.1) has been compiled by Pierangela Angelini (ISPRA). Published and unpublished data, information and experts' judgments have been provided by Edoardo Biondi, Liliana Zivkovic and Giovanni Spampinato(SBI), Pietro Massimiliano Bianco and Pierangela Angelini (ISPRA, field 2.7.1).

"Biondi E, Blasi C, Burrascano S, Casavecchia S, Copiz R, Del Vico E, Galdenzi D, Gigante D, Lasen C, Spampinato G, Venanzoni R, Zivkovic L (2009a) Italian interpretation Manual of the habitats (92/43/EEC Directive). Ministero dell'Ambiente e della Tutela del Territorio e del Mare.

http://vnr.unipg.it/habitat/@Blasi et al., 2010. La Vegetazione d'Italia con Carta delle Serie di Vegetazione in scala 1:500000. Palombi ed., @ISPRA, 2011. Dati del sistema informativo di Carta della Natura alla scala 1:50.000.@ISPRA, Corine land cover 2006 IV livello. Dati della Rete del sistema Informativo Nazionale Ambientale - SINAnet@ISPRA, 2005. Dati del sistema informativo di Carta della Natura alla scala 1:50.000.@"

2.3 Range of the habitat type in the biogeographical region or marine region

2.3.1 Surface area - Range (km²)

2.3.2 Range method used

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

2.3.10 Reason for change

2.3.8 Long-term trend magnitude

2.3.9 Favourable reference range

2700

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

2001-2012

unknown (x)

min max

N/A

min max

area (km²)

operator approximately equal to (≈)

unkown No

method

genuine change No improved knowledge Yes

different method Yes

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nabitat types (Annex D)			
2.4 Area covered by Habitat			
 2.4.1 Surface area (km²) 2.4.2 Year or period 2.4.3 Method used 2.4.4 Short-term trend period 2.4.5 Short-term trend direction 2.4.6 Short-term trend magnitude 2.4.7 Short term trend method used 	2001-2012 unknown (x) min	n partial data with some of max n expert opinion with no	extrapolation and/or modelling (2) confidence interval or minimal sampling (1)
2.4.8 Long-term trend period2.4.9 Long-term trend direction2.4.10 Long-term trend magnitude2.4.11 Long term trend method used	N/A min N/A	max	confidence interval
2.4.12 Favourable reference area	area (km) operator appro unknown No method	oximately equal to (≈)	
2.4.13 Reason for change	Improved knowle	dge/more accurate datal	Jse of different method
2.5 Main Pressures			
Pressure		ranking	pollution qualifier(s)
burning down (J01.01)		high importance (H)	N/A
2.5.1 Method used – pressures	Estimate based or	n partial data with some o	extrapolation and/or modelling(2)
2.6 Main Threats			
Thomas		and a father as	

burning down (J01.01)	high importance (H)	N/A		
Threat	ranking	pollution qualifier(s)		
2.6 Main Threats				
2.5.1 Method used – pressures	Estimate based on partial data with some extrapolation and/or modelling(2)			

2.6.1 Method used – threats	Estimate based on expert opinion with no or minimal sampling(1)
2.7 Complementary Information	
2.7.1 Species	
Castanea sativa	
Quercus petraea	
Quercus robur	
Ruscus aculeatus	
Blechnum spicant	
Euphorbia hyberna ssp.insularis	
Festuca altissima	

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Luzula forsteri	
Luzula multiflora	
Osmunda regalis	
Polygonatum multiflorum	
Vinca minor	
Fagus sylvatica	
Ilex aquifolium	
Taxus baccata	
2.7.2 Species method used	Selected by ISPRA's expert from bibliographical and field research
2.7.3 Justification of % - thresholds for trends	
2.7.4 Structure and functions - methods used	Estimate based on expert opinion with no or minimal sampling(1)
2.7.5 Other relevant information2.8 Conclusions (assessment of	conservation status at end of reporting period)
2.7.5 Other relevant information2.8 Conclusions (assessment of 2.8.1 Range2.8.2 Area	assessment Unknown(XX) qualifiers N/A assessment Unknown(XX) qualifiers N/A
2.7.5 Other relevant information2.8 Conclusions (assessment of 2.8.1 Range	assessment Unknown(XX) qualifiers N/A assessment Unknown(XX) qualifiers N/A assessment Unknown(XX) qualifiers N/A assessment Unknown(XX)
 2.7.5 Other relevant information 2.8 Conclusions (assessment of 2.8.1 Range 2.8.2 Area 2.8.3 Specific structures and functions (incl Species) 	assessment Unknown(XX) qualifiers N/A assessment Unknown(XX) qualifiers N/A assessment Unknown(XX) qualifiers N/A
 2.7.5 Other relevant information 2.8 Conclusions (assessment of 2.8.1 Range 2.8.2 Area 2.8.3 Specific structures and functions (incl Species) 2.8.4 Future prospects 2.8.5 Overall assessment of 	assessment Unknown(XX) qualifiers N/A
 2.7.5 Other relevant information 2.8 Conclusions (assessment of 2.8.1 Range) 2.8.2 Area 2.8.3 Specific structures and functions (incl Species) 2.8.4 Future prospects 2.8.5 Overall assessment of Conservation Status 2.8.5 Overall trend in Conservation Status 	assessment Unknown(XX) qualifiers N/A Unknown(XX)
 2.7.5 Other relevant information 2.8 Conclusions (assessment of 2.8.1 Range) 2.8.2 Area 2.8.3 Specific structures and functions (incl Species) 2.8.4 Future prospects 2.8.5 Overall assessment of Conservation Status 2.8.5 Overall trend in Conservation Status 3. Natura 2000 coverage 	assessment Unknown(XX) qualifiers N/A Unknown(XX) N/A Conservation measures -
 2.7.5 Other relevant information 2.8 Conclusions (assessment of 2.8.1 Range) 2.8.2 Area 2.8.3 Specific structures and functions (incl Species) 2.8.4 Future prospects 2.8.5 Overall assessment of Conservation Status 2.8.5 Overall trend in Conservation Status 3. Natura 2000 coverage 	assessment Unknown(XX) qualifiers N/A Unknown(XX)
 2.7.5 Other relevant information 2.8 Conclusions (assessment of 2.8.1 Range) 2.8.2 Area 2.8.3 Specific structures and functions (incl Species) 2.8.4 Future prospects 2.8.5 Overall assessment of Conservation Status 2.8.5 Overall trend in Conservation Status 3. Natura 2000 coverage Annex I habitat types of the second status 	assessment Unknown(XX) qualifiers N/A Unknown(XX) N/A Conservation measures -

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3.2 Conversation Measures

2.1 Biogeographical Region

2.2 Published

Continental (CON)

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2.3 Range of the habitat type in the biogeographical region or marine region

2.3.1 Surface area - Range (km²)

2.3.2 Range method used

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

2600

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

2001-2012

unknown (x)

min max

Ambientale - SINAnet"

N/A

min max

area (km²)

operator N/A unkown Yes

method

genuine change No improved knowledge Yes different method

Yes

2.3.10 Reason for change

2.4 Area covered by Habitat

2.4.1 Surface area (km²)

2.4.2 Year or period

2.4.3 Method used

2.4.4 Short-term trend period

2.4.5 Short-term trend direction

2.4.6 Short-term trend magnitude

2.4.7 Short term trend method used

68,13

2005-2012

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

2001-2012

unknown (x)

confidence interval min max

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

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2.4.8 Long-term trend period N/A 2.4.9 Long-term trend direction 2.4.10 Long-term trend magnitude confidence interval min max 2.4.11 Long term trend method used N/A 2.4.12 Favourable reference area area (km) N/A operator unknown Yes method 2.4.13 Reason for change Improved knowledge/more accurate dataUse of different method 2.5 Main Pressures pollution qualifier(s) Pressure ranking electricity and phone lines (D02.01) medium importance (M) N/A artificial planting on open ground (non-native trees) (B01.02) N/A high importance (H) forest replanting (B02.01) low importance (L) N/A N/A Roads, paths and railroads (D01) medium importance (M) 2.5.1 Method used – pressures Estimate based on partial data with some extrapolation and/or modelling(2) 2.6 Main Threats **Threat** pollution qualifier(s) ranking electricity and phone lines (D02.01) medium importance (M) N/A artificial planting on open ground (non-native trees) (B01.02) high importance (H) N/A forest replanting (B02.01) low importance (L) N/A Roads, paths and railroads (D01) medium importance (M) N/A 2.6.1 Method used – threats Estimate based on expert opinion with no or minimal sampling (1) 2.7 Complementary Information 2.7.1 Species Quercus petraea Quercus robur Blechnum spicant Deschampsia flexuosa

Festuca altissima

Luzula luzuloides Luzula sylvatica

Oxalis acetosella

Hieracium sabaudum

Lonicera periclymenum

Luzula pedemontana Melampyrum pratense

Polygonatum multiflorum

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Ruscus aculeatus	
Vinca minor	
Vaccinium myrtillus	
Fagus sylvatica	
llex aquifolium	
Taxus baccata	
2.7.2 Species method used	Selected by ISPRA's expert from bibliographical and field research
2.7.3 Justification of % - thresholds for trends	
2.7.4 Structure and functions - methods used	Estimate based on expert opinion with no or minimal sampling(1)
2.7.5 Other relevant information	
2.8 Conclusions (assessment of c	conservation status at end of reporting period)
2.8.1 Range	assessment Unknown(XX) qualifiers N/A
2.8.2 Area	assessment Unknown(XX) qualifiers N/A
2.8.3 Specific structures	assessment Unknown(XX)
and functions (incl Species)	qualifiers N/A
2.8.4 Future prospects	assessment Unknown(XX) qualifiers N/A
2.8.5 Overall assessment of Conservation Status	Unknown(XX)
2.8.5 Overall trend in Conservation Status	N/A
3. Natura 2000 coverage	conservation measures -
Annex I habitat types or	
3.1 Area covered by habitat	1 piopoopiupinical icaci
3.1.1 Surface area (km²)	min 0,936 max 0,936
3.1.1 Surrace area (km²) 3.1.2 Method used	
3.1.3. Trend of surface area	Complete survey/Complete survey or a statistically robust estimate (3) N/A

3.2 Conversation Measures

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2.1 Biogeographical Region 2.2 Published

Alpine (ALP)

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"Biondi E, Blasi C, Burrascano S, Casavecchia S, Copiz R, Del Vico E, Galdenzi D, Gigante D, Lasen C, Spampinato G, Venanzoni R, Zivkovic L (2009a) Italian interpretation Manual of the habitats (92/43/EEC Directive). Ministero dell'Ambiente e della Tutela del Territorio e del Mare.

http://vnr.unipg.it/habitat/

Blasi et al., 2010. La Vegetazione d'Italia con Carta delle Serie di Vegetazione in scala 1:500000. Palombi ed., 2ISPRA, 2011. Dati del sistema informativo di Carta della Natura alla scala 1:50.000. ISPRA, Corine land cover 2006 IV livello. Dati della Rete del sistema Informativo Nazionale Ambientale - SINAnet2"

2.3 Range of the habitat type in the biogeographical region or marine region

2.3.1 Surface area - Range (km²)

2.3.2 Range method used

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

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

2001-2012

unknown (x)

min max

N/A

min max

area (km²)

operator N/A unkown Yes

method

2.3.10 Reason for change genuine change No improved knowledge Yes different method Yes

2.4 Area covered by Habitat

2.4.1 Surface area (km²)

2.4.2 Year or period

2.4.3 Method used

2.4.4 Short-term trend period

2.4.5 Short-term trend direction

2.4.6 Short-term trend magnitude

2.4.7 Short term trend method used

2.4.8 Long-term trend period

2.4.9 Long-term trend direction

2.4.10 Long-term trend magnitude

2.4.11 Long term trend method used

10,12

2005-2012

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

2001-2012 unknown (x)

confidence interval min max

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

N/A

min max confidence interval

N/A

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2.4.12 Favourable reference area

area (km)

operator N/A unknown Yes

method

2.4.13 Reason for change

Improved knowledge/more accurate dataUse of different method

			_			
2.5	$\Lambda I \supset I$	n	Dи	OCC	TIP	OC
4772 1	ıvıa		ГІ	C33	uı	C 3

Forest and Plantation management & use (B02)	medium importance (M)	N/A
Pressure	ranking	pollution qualifier(s)

2.5.1 Method used – pressures Estimate based on partial data with some extrapolation and/or modelling(2)

2.6 Main Threats

Forest and Plantation management & use (B02)	medium importance (M)	N/A
Threat	ranking	pollution qualifier(s)
2.6 Main Inreats		

2.6.1 Method used – threats Estimate based on expert opinion with no or minimal sampling (1) 2.7 Complementary Information 2.7.1 Species Agrostis tenuits (=Agrostis capillaris) Quercus petraea Quercus robur Blechnum spicant Carex pilulifera Deschampsia flexuosa Lonicera periclymenum Luzula luzuloides Luzula nivea Melampyrum pratense Oxalis acetosella Vaccinium myrtillus Fagus sylvatica Ilex aquifolium Taxus baccata

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2.7.2 Species method used

Selected by ISPRA's expert from bibliographical and field research

2.7.3 Justification of % - thresholds for trends

2.7.4 Structure and functions - methods used

2.7.5 Other relevant information

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

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

2.8.1 Range assessment Unknown(XX)

qualifiers N/A

2.8.2 Area assessment Unknown(XX)

qualifiers N/A

assessment Unknown(XX)

qualifiers N/A

assessment Inadequate(U1)

qualifiers N/A

Inadequate(U1)

2.8.5 Overall assessment of

2.8.3 Specific structures

2.8.4 Future prospects

and functions (incl Species)

Conservation Status

2.8.5 Overall trend in Conservation Status

unknown(x)

3. Natura 2000 coverage conservation measures - Annex I habitat types on biogeographical level

3.1 Area covered by habitat

3.1.1 Surface area (km²) min 0,0034 max 0,0034

3.1.2 Method used Complete survey/Complete survey or a statistically robust estimate (3)

3.1.3. Trend of surface area N/A

3.2 Conversation Measures

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