

Report on the main results of the surveillance under article 17 for annex I habitat types (Annex D)

CODE: 9150

NAME: Medio-European limestone beech forests of the Cephalanthero-Fagion

1. National Level

1.1 Maps

1.1.1 Distribution Map	Yes
1.1.2 Distribution Method	Estimate based on partial data with some extrapolation and/or modelling (2)
1.1.3 Year or period	2005-2012
1.1.4 Additional map	No
1.1.5 Range Map	Yes

2. Biogeographical Or Marine Level

2.1 Biogeographical Region

2.2 Published

Alpine (ALP)

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 Published and unpublished data, information and experts' judgments have been provided by Edoardo Biondi, Liliana Zivkovic and Cesare Lasen(SBI), Pietro Massimiliano Bianco and Pierangela Angelini (ISPRA, field 2.7.1).

"Andreis C. & Sartori F. (a cura di), 2011. Vegetazione forestale della Lombardia. Inquadramento fitosociologico. Arch. Geobot. 12-13: 1-215. Brentan D., Burbello A., Avanzi E., Gasparini S., Laureti L., Bianco P.M., 2008. Carta degli habitat della regione Veneto per il sistema informativo di Carta della Natura alla scala 1:50.000. ISPRA - Arpa Veneto. http://www.isprambiente.gov.it/site/it-IT/Servizi_per_l%27Ambiente/Sistema_Carta_della_Natura 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 Morra di Cella U., Cremonese E., Pari E., Siniscalco C., Amadei M., Angelini P., Cardillo A., 2008. Carta degli habitat della Regione Valle d'Aosta per il sistema informativo di Carta della Natura alla scala 1:50.000. ISPRA - ARPA Valle d'Aosta - Dipartimento Biologia Vegetale Università degli studi di Torino. http://www.isprambiente.gov.it/site/it-IT/Servizi_per_l%27Ambiente/Sistema_Carta_della_Natura PEER T., 1980. Karte der aktuellen Vegetation Südtirols 1: 100.000. Blatt Bozen. Doc. de Cart. Ecol., XXIII: 25-46. Grenoble PEER T., 1991. Karte der aktuellen Vegetation Südtirols, Maßstab 1:200.000. Autonome Provinz Bozen-Südtirol, Amt für Naturparke, Naturschutz und Landschaftspflege. Bozen. PEER T., 1995. La vegetazione naturale dell'Alto Adige. Note illustrative della carta della vegetazione naturale 1:200.000. Provincia Autonoma di Bolzano-Alto Adige. Ufficio pianificazione paesaggistica, Ripartizione tutela del paesaggio e della natura, Bolzano."

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

2.3.1 Surface area - Range (km ²)	16200	
2.3.2 Range method used	Estimate based on partial data with some extrapolation and/or modelling (2)	
2.3.3 Short-term trend period	2001-2012	
2.3.4 Short-term trend direction	stable (0)	
2.3.5 Short-term trend magnitude	min	max
2.3.6 Long-term trend period		
2.3.7 Long-term trend direction	N/A	
2.3.8 Long-term trend magnitude	min	max
2.3.9 Favourable reference range	area (km ²)	
	operator	approximately equal to (≈)
	unknown	No
	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)	831,56		
2.4.2 Year or period	2005-2012		
2.4.3 Method used	Estimate based on partial data with some extrapolation and/or modelling (2)		
2.4.4 Short-term trend period	2001-2012		
2.4.5 Short-term trend direction	stable (0)		
2.4.6 Short-term trend magnitude	min	max	confidence interval
2.4.7 Short term trend method used	Estimate based on expert opinion with no or minimal sampling (1)		
2.4.8 Long-term trend period			
2.4.9 Long-term trend direction	N/A		
2.4.10 Long-term trend magnitude	min	max	confidence interval
2.4.11 Long term trend method used	N/A		
2.4.12 Favourable reference area	area (km) operator approximately equal to (≈) unknown No method		
2.4.13 Reason for change	Improved knowledge/more accurate dataUse of different method		

2.5 Main Pressures

Pressure	ranking	pollution qualifier(s)
electricity and phone lines (D02.01)	medium importance (M)	N/A
removal of forest undergrowth (B02.03)	low importance (L)	N/A
skiing complex (G02.02)	high importance (H)	N/A
artificial planting on open ground (non-native trees) (B01.02)	medium importance (M)	N/A
roads, motorways (D01.02)	medium importance (M)	N/A
burning down (J01.01)	medium importance (M)	N/A

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Forest and Plantation management & use (B02)	medium importance (M)	N/A
Forestry activities not referred to above (B07)	medium importance (M)	N/A

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

2.6 Main Threats

Threat	ranking	pollution qualifier(s)
electricity and phone lines (D02.01)	medium importance (M)	N/A
removal of forest undergrowth (B02.03)	low importance (L)	N/A
skiing complex (G02.02)	high importance (H)	N/A
artificial planting on open ground (non-native trees) (B01.02)	medium importance (M)	N/A
roads, motorways (D01.02)	medium importance (M)	N/A
burning down (J01.01)	medium importance (M)	N/A
Forest and Plantation management & use (B02)	medium importance (M)	N/A
Forestry activities not referred to above (B07)	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

Buphthalmum salicifolium
Carex sylvatica
Carex digitata
Carex alba
Carex montana
Calamagrostis varia
Cephalanthera damasonium
Cephalanthera longifolia
Cephalanthera rubra
Epipactis spp.
Erica carnea
Platanthera bifolia
Platanthera chlorantha
Taxus baccata
Fagus sylvatica

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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	Estimate based on expert opinion with no or minimal sampling(1)
2.7.5 Other relevant information	

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

2.8.1 Range	assessment Favourable(FV) qualifiers N/A
2.8.2 Area	assessment Favourable(FV) qualifiers N/A
2.8.3 Specific structures and functions (incl Species)	assessment Inadequate(U1) qualifiers N/A
2.8.4 Future prospects	assessment Inadequate(U1) qualifiers N/A
2.8.5 Overall assessment of Conservation Status	Inadequate(U1)
2.8.5 Overall trend in Conservation Status	declining(-)

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 268,6035 max 268,6035
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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Field label	Note	User
1.1.1 Distribution Map	I dati pervenuti dalle regioni appaiono palesemente disomogenei. Probabilmente in località esterne ai SIC questo habitat è discretamente rappresentato (ad esempio in Lombardia e in Alto Adige). Si segnala che nelle sunnominate regioni sono pubblicati volumi recenti sui tipi forestali che opportunamente valutati e riferiti agli habitat corrispondenti potrebbero coprire buona parte delle lacune qui evidenziate. Nel calcolo delle superfici campi 2.3.1, 2.4.1 e 3.1.1) rientra anche la superficie delle aree comprese nella regione continentale.	ISPRA_habitat