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

CODE: 91D0

NAME: Bog woodland

1. National Level

1.1 Maps

1.1.1 Distribution Map	Yes
1.1.2 Distribution Method	Estimate based on expert opinion with no or minimal sampling (1)
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

Alpine (ALP)

2.2 Published

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 Published and unpublished data, information and experts' judgments have been provided by Edoardo Biondi, Liliana Zivkovic and Cesare Lasen(SBI), Pietro Massimiliano Bianco and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

"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"

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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)	12600	
2.3.2 Range method used	Estimate based on expert opinion with no or minimal sampling (1)	
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 (km²)	
	operator	more than (>)
	unkown	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)	11,34		
2.4.2 Year or period	2005-2012		
2.4.3 Method used	Estimate based on expert opinion with no or minimal sampling (1)		
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	more than (>)	
	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)
skiing complex (G02.02)	high importance (H)	N/A
roads, motorways (D01.02)	high importance (H)	N/A
dispersed habitation (E01.03)	low importance (L)	N/A
Peat extraction (C01.03)	medium importance (M)	N/A
Water abstractions from groundwater (J02.07)	medium importance (M)	N/A
paths, tracks, cycling tracks (D01.01)	medium importance (M)	N/A

Improved access to site (D05)	low importance (L)	N/A
Biocenotic evolution, succession (K02)	low importance (L)	N/A
Forest and Plantation management & use (B02)	low importance (L)	N/A
Forestry activities not referred to above (B07)	medium importance (M)	N/A
Other human intrusions and disturbances (G05)	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)
skiing complex (G02.02)	high importance (H)	N/A
roads, motorways (D01.02)	high importance (H)	N/A
dispersed habitation (E01.03)	low importance (L)	N/A
Peat extraction (C01.03)	medium importance (M)	N/A
Water abstractions from groundwater (J02.07)	medium importance (M)	N/A
paths, tracks, cycling tracks (D01.01)	medium importance (M)	N/A
Improved access to site (D05)	low importance (L)	N/A
Biocenotic evolution, succession (K02)	low importance (L)	N/A
Forest and Plantation management & use (B02)	low importance (L)	N/A
Forestry activities not referred to above (B07)	medium importance (M)	N/A
Other human intrusions and disturbances (G05)	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
Betula pubescens
Picea abies
Pinus sylvestris, P. mugo
Pinus mugo
Agrostis canina
Andromeda polifolia
Carex canescens
Carex echinata
Carex nigra
Carex pauciflora
Carex rostrata
Drosera spp.
Eriophorum vaginatum
Juncus filiformis
Juncus acutiflorus

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Lycopodium annotinum

Listera cordata

Vaccinium oxycoccos

Vaccinium uliginosum

Sphagnum spp.

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	Inadequate(U1)
	qualifiers	N/A
2.8.2 Area	assessment	Inadequate(U1)
	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	stable(=)	

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	11,2711	max	11,2711
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

Notes

Habitat code: 91D0

Field label	Note	User
0.2 Habitat code	Oltre alle formazioni più tipiche delle torbiere alte (con stadi arbustivi o poco più), in questo codice dovrebbero essere incluse anche le peccete a sfagni (vedi Manuale Italiano di Interpretazione degli Habitat). I dati comunicati dalle regioni, tuttavia, sembrano non tenerne conto, avvalorando un'interpretazione molto restrittiva.	ISPRA_habi