CODE: 9410

NAME: Acidophilous Picea forests of the montane to alpine levels (Vaccinio-Piceetea)

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

Continental (CON)

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 Published and unpublished data, information and experts' judgments have been provided by Edoardo Biondi and Liliana Zivkovic(SBI), Pietro Massimiliano Bianco and Pierangela Angelini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., 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 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®Oriolo G., Dragan M., Fernetti M., Francescato C., Tomasella M., Giorgi R. 2007. Carta degli habitat della regione Friuli Venezia Giulia per il sistema informativo di Carta della Natura alla scala 1:50.000. ISPRA-Regione Friuli Venezia Giulia. http://www.isprambiente.gov.it/site/it-IT/Servizi_per_l%27Ambiente/Sistema_Carta_della_Natura 2"

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skiing complex (G02.02)		high importance (H)	N/A
Pressure		ranking	pollution qualifier(s)
2.5 Main Pressures			
2.4.13 Reason for change	unknown Yes method Improved knowledge	e/more accurate datal	Use of different method
2.4.12 Favourable reference area	area (km) operator N/A		
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
2.4.2 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	2005-2012 Estimate based on p 2001-2012 stable (0) min	max	extrapolation and/or modelling (2) confidence interval or minimal sampling (1)
2.4 Area covered by Habitat 2.4.1 Surface area (km²)	0,83		
2.3.10 Reason for change	genuine change improved knowledge different method	No Yes Yes	
	operator unkown method	N/A Yes	
2.3.7 Long-term trend direction 2.3.8 Long-term trend magnitude 2.3.9 Favourable reference range	N/A min area (km²)	max	
2.3.4 Short-term trend direction 2.3.5 Short-term trend magnitude 2.3.6 Long-term trend period	stable (0) min	max	
2.3.2 Range method used 2.3.3 Short-term trend period	500 Estimate based on p 2001-2012	artial data with some	extrapolation and/or modelling (2)

Pressure	ranking	pollution qualifier(s)
skiing complex (G02.02)	high importance (H)	N/A
Erosion (K01.01)	low importance (L)	N/A
roads, motorways (D01.02)	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

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Threat	ranking	pollution qualifier(s)
skiing complex (G02.02)	high importance (H)	N/A
Erosion (K01.01)	low importance (L)	N/A
roads, motorways (D01.02)	medium importance (M)	N/A
2.6.1 Method used – threats	Estimate based on expert opinion with no or minir	mal samnling(1)
2.7 Complementary Information	Estimate based on expert opinion with no or mini	nar sampling(±)
2.7.1 Species		
Picea abies		
Vaccinium spp.		
Vaccinium uliginosum		
Gymnocarpium dryopteris		
Lycopodium annotinum		
Listera cordata		
Luzula luzulina		
Empetrum nigrum		
Campanula latifolia		
2.7.2 Species method used	Selected by ISPRA's expert from bibliographical an	d 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 minir	mal sampling(1)
2.7.5 Other relevant information		
2.8 Conclusions (assessment of co	onservation 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 Conclusions (assessment of co	inservation status at end of rep
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 Inadequate(U1)
and functions (incl Species)	qualifiers N/A
2.8.4 Future prospects	assessment Inadequate(U1)
	qualifiers N/A
2.8.5 Overall assessment of	Inadequate(U1)
Conservation Status	
2.8.5 Overall trend in	stable(=)
Conservation Status	

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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 0,828 max 0,828

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

2.1 Biogeographical Region

2.2 Published

Alpine (ALP)

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"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. Palombi ed., pari En, 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®Oriolo G., Dragan M., Fernetti M., Francescato C., Tomasella M., Giorgi R. 2007. Carta degli habitat della regione Friuli Venezia Giulia per il sistema informativo di Carta della Natura alla scala 1:50.000. ISPRA-Regione Friuli Venezia Giulia.

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, Maßtab 1:200.000. Autonome Provinz Bozen-Südtirol, Amt für Naturparke, Naturschutz und Landschaftspflege. Bozen.@PEER T., 1995. La vegetazione

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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. [27]"

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

2.3.1 Surface area - Range (km²) 37700

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 (km²)

operator approximately equal to (≈)

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) 5320,66 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

2.4.8 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 less 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)
roads, motorways (D01.02)	medium importance (M)	N/A
skiing complex (G02.02)	high importance (H)	N/A
Urbanised areas, human habitation (E01)	medium importance (M)	N/A
burning down (J01.01)	medium importance (M)	N/A

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forest exploitation without replanting or natural regrowth (803) removal of forest undergrowth (802.03) medium importance (M) N/A paths, tracks, cycling tracks (D01.01)	Habitat types (Alliex D)		
paths, tracks, cycling tracks (D01.01) low importance (L) N/A Other human intrusions and disturbances (G05) low importance (L) N/A Other ecosystem modifications (D03) low importance (L) 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 grazing in forests/ woodland (B06) medium importance (M) N/A grazing in forests/ woodland (B06) medium importance (M) N/A grazing in forests/ woodland (B06) medium importance (M) N/A 2.5.1 Method used – pressures Estimate based on partial data with some extrapolation and/or modelling(2.6 Main Threats Threat ranking pollution qualifier(s) roads, motorways (D01.02) medium importance (M) N/A Skiing complex (G02.02) high importance (H) N/A Urbanised areas, human habitation (E01) medium importance (M) N/A burning down (J01.01) medium importance (M) N/A forest exploitation without replanting or natural regrowth low importance (L) N/A forest exploitation without replanting or natural regrowth low importance (L) N/A Other human intrusions and disturbances (G05) low importance (L) N/A Other human intrusions and disturbances (G05) low importance (L) N/A Other ecosystem modifications (J03) low importance (L) N/A Forest and Plantation management & use (B02) medium importance (M) N/A grazing in forests/ woodland (B06) medium importance (M) N/A grazing in forests/ woodland (B06) 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 Picea abies Vaccinium spp. Blechnum spicant Adenostyles spp. Aplenium viride Calamagrostis villosa Dryopteris spp.		or natural regrowth	low importance (L)	N/A
Other human intrusions and disturbances (G05) low importance (L) N/A Other ecosystem modifications (J03) low importance (L) N/A Forest and Plantation management & use (B02) medium importance (M) N/A Forest and Plantation management & use (B02) medium importance (M) N/A grazing in forests/ woodland (B06) medium importance (M) N/A grazing in forests/ woodland (B06) medium importance (M) N/A 2.5.1 Method used – pressures Estimate based on partial data with some extrapolation and/or modelling(2.6 Main Threats Threat ranking pollution qualifier(s) roads, motorways (D01.02) medium importance (M) N/A Skiing complex (G02.02) high importance (H) N/A Urbanised areas, human habitation (E01) medium importance (M) N/A Durning down (J01.01) medium importance (M) N/A forest exploitation without replanting or natural regrowth (B03) medium importance (L) N/A (B03) removal of forest undergrowth (B02.03) medium importance (L) N/A paths, tracks, cycling tracks (D01.01) low importance (L) N/A Other human intrusions and disturbances (G05) low importance (L) N/A Other ecosystem modifications (J03) low importance (L) N/A Forest and Plantation management & use (B02) medium importance (M) N/A Forest and Plantation management & use (B02) medium importance (M) N/A grazing in forests/ woodland (B06) medium importance (M) N/A grazing in forests/ woodland (B06) medium importance (M) N/A grazing in forests/ woodland (B06) medium importance (M) N/A 2.6.1 Method used — threats Estimate based on expert opinion with no or minimal sampling (1) 2.7.1 Species Picea abies Vaccinium spp. Blechnum spicant Adenostyles spp. Aplenium viride Calamagrostis viilosa Dryopteris spp.	removal of forest undergrowth (B02.0	3)	medium importance (M)	N/A
Other ecosystem modifications (103) low importance (L) N/A Forest and Plantation management & use (802) medium importance (M) N/A Forestry activities not referred to above (807) medium importance (M) N/A grazing in forests/ woodland (806) medium importance (M) N/A 2.5.1 Method used – pressures Estimate based on partial data with some extrapolation and/or modelling(2.6 Main Threats Threat ranking pollution qualifier(s) Toads, motorways (D01.02) medium importance (M) N/A skiing complex (G02.02) high importance (H) N/A Urbanised areas, human habitation (E01) medium importance (M) N/A burning down (101.01) medium importance (M) N/A burning down (101.01) medium importance (M) N/A (B03) removal of forest undergrowth (B02.03) medium importance (L) N/A (Other human intrusions and disturbances (G05) low importance (L) N/A Other ecosystem modifications (103) low importance (L) N/A Forestry activities not referred to above (B07) medium importance (M) N/A grazing in forests/ woodland (B06) medium importance (M) N/A grazing in forests/ woodland (B06) medium importance (M) N/A grazing in forests/ woodland (B06) medium importance (M) N/A grazing in forests/ woodland (B06) medium importance (M) N/A grazing in forests/ woodland (B06) medium importance (M) N/A grazing in forests/ woodland (B06) medium importance (M) N/A grazing in forests/ woodland (B06) medium importance (M) N/A grazing in forests/ woodland (B06) medium importance (M) N/A grazing in forests/ woodland (B06) medium importance (M) N/A grazing in forests/ woodland (B06) medium importance (M) N/A grazing in forests/ woodland (B06) medium importance (M) N/A grazing in forests/ woodland (B06) medium importance (M) N/A grazing in forests/ woodland (B06) medium importance (M) N/A grazing in forests/ woodland (B06) medium importance (M) N/A grazing in forests/ woodland (B06) medium importance (M) N/A grazing in forests/ woodland (B06) medium importance (M) N/A grazing in forests/ woodland (B06) medium importance (M) N/A grazing in forests/ woodland (B06) medium importa	paths, tracks, cycling tracks (D01.01)		low importance (L)	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 grazing in forests/ woodland (B06) medium importance (M) N/A 2.5.1 Method used – pressures Estimate based on partial data with some extrapolation and/or modelling(2.6 Main Threats Threat ranking pollution qualifier(s) roads, motorways (D01.02) medium importance (M) N/A Skinig complex (G02.02) high importance (H) N/A Durbanised areas, human habitation (E01) medium importance (M) N/A burning down (J01.01) medium importance (M) N/A forest exploitation without replanting or natural regrowth (B03) removal of forest undergrowth (B02.03) medium importance (L) N/A Other human intrusions and disturbances (G05) low importance (L) N/A Other ecosystem modifications (J03) low importance (L) 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 grazing in forests/ woodland (B06) 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 Picca abies Vaccinium spp. Blechnum spicant Adenostyles spp. Aplenium viride Calamagrostis varia Calamagrostis villosa Dryopteris spp.	Other human intrusions and disturban	ces (G05)	low importance (L)	N/A
Forestry activities not referred to above (B07) medium importance (M) N/A grazing in forests/ woodland (B06) medium importance (M) N/A 2.5.1 Method used – pressures Estimate based on partial data with some extrapolation and/or modelling(2.6 Main Threats Threat ranking pollution qualifier(s) roads, motorways (D01.02) medium importance (M) N/A skiing complex (G02.02) high importance (H) N/A Urbanised areas, human habitation (E01) medium importance (M) N/A burning down (J01.01) medium importance (M) N/A forest exploitation without replanting or natural regrowth (B03) removal of forest undergrowth (B02.03) medium importance (L) N/A Other human intrusions and disturbances (G05) low importance (L) N/A Other ecosystem modifications (J03) low importance (L) N/A Forest and Plantation management & use (B02) 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 grazing in forests/ woodland (B06) medium importance (M) N/A 2.6.1 Method used — threats Estimate based on expert opinion with no or minimal sampling (1) 2.7.1 Species Picea abies Vaccinium spp. Blechnum spicant Adenostyles spp. Aplenium viride Calamagrostis varia Calamagrostis villosa Dryopteris spp.	Other ecosystem modifications (J03)		low importance (L)	N/A
grazing in forests/ woodland (B06) 2.5.1 Method used – pressures Estimate based on partial data with some extrapolation and/or modelling(2.6 Main Threats Threat Tranking pollution qualifier(s) roads, motorways (D01.02) skiing complex (G02.02) high importance (M) N/A Urbanised areas, human habitation (E01) burning down (J01.01) forest exploitation without replanting or natural regrowth (B03) removal of forest undergrowth (B02.03) medium importance (L) N/A Other human intrusions and disturbances (G05) Other ecosystem modifications (J03) Forest and Plantation management & use (B02) Rorest and Plantation management & use (B02) Rorestry activities not referred to above (B07) grazing in forests/ woodland (B06) 2.6.1 Method used – threats Estimate based on expert opinion with no or minimal sampling (1) 2.7.1 Species Picea abies Vaccinium spp. Blechnum spicant Adenostyles spp. Aplenium viride Calamagrostis viilosa Dryopteris spp.	Forest and Plantation management &	use (B02)	medium importance (M)	N/A
Estimate based on partial data with some extrapolation and/or modelling(2.6 Main Threats Threat roads, motorways (D01.02) skiing complex (G02.02) high importance (M) N/A Urbanised areas, human habitation (E01) medium importance (M) N/A burning down (J01.01) forest exploitation without replanting or natural regrowth (B03) removal of forest undergrowth (B02.03) medium importance (L) N/A Other human intrusions and disturbances (G05) Other ecosystem modifications (J03) Forest and Plantation management & use (B02) medium importance (L) N/A Forestry activities not referred to above (B07) medium importance (M) N/A Forestry/ activities not referred to above (B07) medium importance (M) N/A Estimate based on expert opinion with no or minimal sampling(1) 2.7 Complementary Information 2.7.1 Species Picea abies Vaccinium spp. Blechnum spicant Adenostyles spp. Aplenium viride Calamagrostis varia Calamagrostis villosa Dryopteris spp.	Forestry activities not referred to above	ve (B07)	medium importance (M)	N/A
2.6 Main Threats Threat Tranking Tranki	grazing in forests/ woodland (B06)		medium importance (M)	N/A
Threat ranking pollution qualifier(s) roads, motorways (D01.02) medium importance (M) N/A skiing complex (G02.02) high importance (H) N/A Urbanised areas, human habitation (E01) medium importance (M) N/A burning down (J01.01) medium importance (M) N/A forest exploitation without replanting or natural regrowth (B03) removal of forest undergrowth (B02.03) medium importance (L) N/A (B03) removal of forest undergrowth (B02.03) medium importance (M) N/A paths, tracks, cycling tracks (D01.01) low importance (L) N/A Other human intrusions and disturbances (G05) low importance (L) N/A Other ecosystem modifications (J03) low importance (L) N/A Forest and Plantation management & use (B02) medium importance (M) N/A Forest and Plantation management & use (B02) medium importance (M) N/A grazing in forests/ woodland (B06) medium importance (M) N/A grazing in forests/ woodland (B06) 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 Picea abies Vaccinium spp. Blechnum spicant Adenostyles spp. Aplenium viride Calamagrostis varia Calamagrostis villosa Dryopteris spp.	2.5.1 Method used – pressures	Estimate based on p	partial data with some extrapo	lation and/or modelling(2)
roads, motorways (D01.02) medium importance (M) kskiing complex (G02.02) high importance (H) N/A Wrbanised areas, human habitation (E01) medium importance (M) N/A burning down (J01.01) forest exploitation without replanting or natural regrowth (B03) removal of forest undergrowth (B02.03) medium importance (L) N/A Other human intrusions and disturbances (G05) Other ecosystem modifications (J03) Forest and Plantation management & use (B02) Forestry activities not referred to above (B07) medium importance (M) N/A Forestry activities not referred to above (B07) medium importance (M) N/A Sestimate based on expert opinion with no or minimal sampling(1) 2.7 Complementary Information 2.7.1 Species Picea abies Vaccinium spp. Blechnum spicant Adenostyles spp. Aplenium viride Calamagrostis varia Calamagrostis villosa Dryopteris spp.	2.6 Main Threats			
kskiing complex (GO2.02) high importance (H) N/A Urbanised areas, human habitation (EO1) medium importance (M) N/A burning down (JO1.01) medium importance (M) N/A forest exploitation without replanting or natural regrowth low importance (L) N/A (BO3) medium importance (L) N/A (BO3) medium importance (L) N/A Other st undergrowth (BO2.03) medium importance (L) N/A Other human intrusions and disturbances (GO5) low importance (L) N/A Other ecosystem modifications (JO3) low importance (L) N/A Forest and Plantation management & use (BO2) medium importance (M) N/A Forestry activities not referred to above (BO7) medium importance (M) N/A grazing in forests/ woodland (BO6) 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 Picea abies Vaccinium spp. Blechnum spicant Adenostyles spp. Aplenium viride Calamagrostis varia Calamagrostis varia Calamagrostis villosa Dryopteris spp.	Threat		ranking	pollution qualifier(s)
Urbanised areas, human habitation (E01) medium importance (M) N/A burning down (J01.01) medium importance (M) N/A forest exploitation without replanting or natural regrowth low importance (L) N/A (B03) removal of forest undergrowth (B02.03) medium importance (M) N/A paths, tracks, cycling tracks (D01.01) low importance (L) N/A Other human intrusions and disturbances (G05) low importance (L) N/A Other ecosystem modifications (J03) low importance (L) N/A Forest and Plantation management & use (B02) medium importance (M) N/A grazing in forests/ woodland (B06) medium importance (M) N/A grazing in forests/ woodland (B06) 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 Picea abies Vaccinium spp. Blechnum spicant Adenostyles spp. Aplenium viride Calamagrostis varia Calamagrostis varia Calamagrostis villosa Dryopteris spp.	roads, motorways (D01.02)		medium importance (M)	N/A
burning down (J01.01) medium importance (M) N/A forest exploitation without replanting or natural regrowth (B03) removal of forest undergrowth (B02.03) medium importance (M) N/A paths, tracks, cycling tracks (D01.01) low importance (L) N/A Other human intrusions and disturbances (G05) low importance (L) N/A Other ecosystem modifications (J03) low importance (L) 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 grazing in forests/ woodland (B06) 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 Picea abies Vaccinium spp. Blechnum spicant Adenostyles spp. Aplenium viride Calamagrostis villosa Dryopteris spp.	skiing complex (G02.02)		high importance (H)	N/A
forest exploitation without replanting or natural regrowth (B03) removal of forest undergrowth (B02.03) medium importance (M) N/A paths, tracks, cycling tracks (D01.01) low importance (L) N/A Other human intrusions and disturbances (G05) low importance (L) N/A Other ecosystem modifications (J03) low importance (L) 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 grazing in forests/ woodland (B06) 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 Picea abies Vaccinium spp. Blechnum spicant Adenostyles spp. Aplenium viride Calamagrostis varia Calamagrostis villosa Dryopteris spp.	Urbanised areas, human habitation (E0	01)	medium importance (M)	N/A
(B03) removal of forest undergrowth (B02.03) medium importance (M) N/A paths, tracks, cycling tracks (D01.01) low importance (L) N/A Other human intrusions and disturbances (G05) low importance (L) N/A Other ecosystem modifications (J03) low importance (L) 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 grazing in forests/ woodland (B06) 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 Picea abies Vaccinium spp. Blechnum spicant Adenostyles spp. Aplenium viride Calamagrostis varia Calamagrostis villosa Dryopteris spp.	burning down (J01.01)		medium importance (M)	N/A
paths, tracks, cycling tracks (D01.01) low importance (L) N/A Other human intrusions and disturbances (G05) low importance (L) N/A Other ecosystem modifications (J03) low importance (L) 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 grazing in forests/ woodland (B06) 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 Picea abies Vaccinium spp. Blechnum spicant Adenostyles spp. Aplenium viride Calamagrostis varia Calamagrostis villosa Dryopteris spp.		or natural regrowth	low importance (L)	N/A
Other human intrusions and disturbances (G05) low importance (L) N/A Other ecosystem modifications (J03) low importance (L) 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 grazing in forests/ woodland (B06) 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 Picea abies Vaccinium spp. Blechnum spicant Adenostyles spp. Aplenium viride Calamagrostis varia Calamagrostis villosa Dryopteris spp.	removal of forest undergrowth (B02.0	3)	medium importance (M)	N/A
Other ecosystem modifications (J03) low importance (L) 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 grazing in forests/ woodland (B06) 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 Picea abies Vaccinium spp. Blechnum spicant Adenostyles spp. Aplenium viride Calamagrostis varia Calamagrostis villosa Dryopteris spp.	paths, tracks, cycling tracks (D01.01)		low importance (L)	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 grazing in forests/ woodland (B06) 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 Picea abies Vaccinium spp. Blechnum spicant Adenostyles spp. Aplenium viride Calamagrostis varia Calamagrostis villosa Dryopteris spp.	Other human intrusions and disturban	ces (G05)	low importance (L)	N/A
Forestry activities not referred to above (B07) medium importance (M) N/A grazing in forests/ woodland (B06) 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 Picea abies Vaccinium spp. Blechnum spicant Adenostyles spp. Aplenium viride Calamagrostis varia Calamagrostis villosa Dryopteris spp.	Other ecosystem modifications (J03)		low importance (L)	N/A
grazing in forests/ woodland (B06) 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 Picea abies Vaccinium spp. Blechnum spicant Adenostyles spp. Aplenium viride Calamagrostis varia Calamagrostis villosa Dryopteris spp.	Forest and Plantation management &	use (B02)	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 Picea abies Vaccinium spp. Blechnum spicant Adenostyles spp. Aplenium viride Calamagrostis varia Calamagrostis villosa Dryopteris spp.	Forestry activities not referred to above	ve (B07)	medium importance (M)	N/A
2.7 Complementary Information 2.7.1 Species Picea abies Vaccinium spp. Blechnum spicant Adenostyles spp. Aplenium viride Calamagrostis varia Calamagrostis villosa Dryopteris spp.	grazing in forests/ woodland (B06)		medium importance (M)	N/A
2.7.1 Species Picea abies Vaccinium spp. Blechnum spicant Adenostyles spp. Aplenium viride Calamagrostis varia Calamagrostis villosa Dryopteris spp.	2.6.1 Method used – threats	Estimate based on e	expert opinion with no or mini	mal sampling(1)
Picea abies Vaccinium spp. Blechnum spicant Adenostyles spp. Aplenium viride Calamagrostis varia Calamagrostis villosa Dryopteris spp.	2.7 Complementary Information			
Vaccinium spp. Blechnum spicant Adenostyles spp. Aplenium viride Calamagrostis varia Calamagrostis villosa Dryopteris spp.	2.7.1 Species			
Blechnum spicant Adenostyles spp. Aplenium viride Calamagrostis varia Calamagrostis villosa Dryopteris spp.	Picea abies			
Adenostyles spp. Aplenium viride Calamagrostis varia Calamagrostis villosa Dryopteris spp.	Vaccinium spp.			
Aplenium viride Calamagrostis varia Calamagrostis villosa Dryopteris spp.	Blechnum spicant			
Calamagrostis varia Calamagrostis villosa Dryopteris spp.	Adenostyles spp.			
Calamagrostis villosa Dryopteris spp.	Aplenium viride			
Dryopteris spp.	Calamagrostis varia			
	Calamagrostis villosa			
Fostuca flavorcons	Dryopteris spp.			
Testuca flavesceris	Festuca flavescens			

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habitat types (Annex	D)
Homogyne alpina	
Huperzia selago	
Laburnum alpinum	
Linnaea borealis	
Lonicera caerulea	
Lonicera nigra	
Luzula luzulina	
Lycopodium annotinum	
Maianthemum bifolium	
Senecio cacaliaster	
Senecio nemorensis (aggr.)	
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	onservation 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	assessmentInadequate(U1)
and functions (incl Species)	qualifiersN/A
2.8.4 Future prospects	assessment Favourable(FV)
2050	qualifiers N/A
2.8.5 Overall assessment of Conservation Status	Inadequate(U1)
2.8.5 Overall trend in	declining(-)

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

3.1 Area covered by habitat

Conservation Status

3.1.1 Surface area (km²)	min 933,4705 max 933,4705
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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Notes

Habitat code: 9410 Region o	ode: ALP	
Field label	Note	User
2.8.2 a) Conclusion Area	Negli ultimi decenni l'habitat è in espansione per effetto di diminuita pressione, abbandono di pascoli e preocessi di rinaturazione	ISPRA_h abi

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