

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

CODE: 7240

NAME: Alpine pioneer formations of the *Caricion bicoloris-atrofuscae*

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 Published and unpublished data, information and experts' judgments have been provided by Edoardo Biondi, Liliana Zivkovic and Cesare Lasen(SBI), Pietro Massimiliano Bianco and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

"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 WILHALM T., NIKLFELD H. & GUTERMANN W., 2006 - Katalog der Gefäßpflanzen Südtirols. Veröffentlichungen des Naturmuseums Südtirol Nr. 3. Folio Verlag, Wien/Bozen, 218 pp"

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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)	15500	
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	decrease (-)	
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	much more than (>>)
	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 (km ²)	4,44		
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	decrease (-)		
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	much 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)
paths, tracks, cycling tracks (D01.01)	medium importance (M)	N/A
skiing complex (G02.02)	medium importance (M)	N/A
roads, motorways (D01.02)	medium importance (M)	N/A
skiing, off-piste (G01.06)	medium importance (M)	N/A
Tramplng, overuse (G05.01)	medium importance (M)	N/A
Improved access to site (D05)	medium importance (M)	N/A

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modifying structures of inland water courses (J02.05.02)	medium importance (M)	N/A
reservoirs (J02.05.04)	medium importance (M)	N/A
Water abstractions from surface waters (J02.06)	medium importance (M)	N/A
inundation (natural processes) (L08)	low importance (L)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	low importance (L)	N/A
Taking / Removal of terrestrial plants, general (F04)	low importance (L)	N/A
intensive grazing (A04.01)	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)
paths, tracks, cycling tracks (D01.01)	medium importance (M)	N/A
skiing complex (G02.02)	medium importance (M)	N/A
roads, motorways (D01.02)	medium importance (M)	N/A
skiing, off-piste (G01.06)	medium importance (M)	N/A
Trampling, overuse (G05.01)	medium importance (M)	N/A
Improved access to site (D05)	medium importance (M)	N/A
modifying structures of inland water courses (J02.05.02)	medium importance (M)	N/A
reservoirs (J02.05.04)	medium importance (M)	N/A
Water abstractions from surface waters (J02.06)	medium importance (M)	N/A
inundation (natural processes) (L08)	low importance (L)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	low importance (L)	N/A
Taking / Removal of terrestrial plants, general (F04)	low importance (L)	N/A
intensive grazing (A04.01)	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

Carex bicolor

Carex capillaris

Carex juncifolia (=C. maritima, C. incurva)

Carex microglochin

Carex vaginata

Carex frigida

Juncus alpino-articulatus

Juncus arcticus

Juncus castaneus

Juncus triglumis

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Kobresia simpliciuscula

Tofieldia pusilla

Bellidiastrum michelii

Bartsia alpina

Primula farinosa

Carex atrofusca

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 Bad(U2)
qualifiers N/A

2.8.2 Area

assessment Bad(U2)
qualifiers N/A

2.8.3 Specific structures and functions (incl Species)

assessment Bad(U2)
qualifiers N/A

2.8.4 Future prospects

assessment Bad(U2)
qualifiers N/A

2.8.5 Overall assessment of Conservation Status

Bad(U2)

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 4,4436 max 4,4436

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: 7240

Field label	Note	User
1.1.1 Distribution Map	Habitat particolarmente raro, spesso puntiforme o distribuito in modo lineare presso i torrenti glaciali e, quindi, assai difficilmente cartografabile. La sua effettiva distribuzione potrebbe coincidere con quella di alcune specie guida che sono molto localizzate.	ISPRA_h abitat