

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

CODE: 7110

NAME: Active raised bogs

## 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 Published and unpublished data, information and experts' judgments have been provided by Edoardo Biondi, Liliana Zivkovic and Cesare Lasen(SBI), Pietro Massimiliano Bianco and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-](http://www.isprambiente.gov.it/site/it-IT/Servizi_per_l%27Ambiente/Sistema_Carta_della_Natura)

[IT/Servizi\\_per\\_l%27Ambiente/Sistema\\_Carta\\_della\\_Natura](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-](http://www.isprambiente.gov.it/site/it-IT/Servizi_per_l%27Ambiente/Sistema_Carta_della_Natura)

[IT/Servizi\\_per\\_l%27Ambiente/Sistema\\_Carta\\_della\\_Natura](http://www.isprambiente.gov.it/site/it-IT/Servizi_per_l%27Ambiente/Sistema_Carta_della_Natura) Oriolo G., Dragan M., Ferneti 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-](http://www.isprambiente.gov.it/site/it-IT/Servizi_per_l%27Ambiente/Sistema_Carta_della_Natura)

[IT/Servizi\\_per\\_l%27Ambiente/Sistema\\_Carta\\_della\\_Natura](http://www.isprambiente.gov.it/site/it-IT/Servizi_per_l%27Ambiente/Sistema_Carta_della_Natura). Pozzo M. & Lasen C., 2010. Le zone umide d'interesse naturalistico nelle Dolomiti D'Ampezzo.

Frammenti n.2: 9-46. 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 <sup>2</sup> )	18900
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 <sup>2</sup> ) operator more than (>) unknown No method
2.3.10 Reason for change	Improved knowledge/more accurate data Use of different method

## 2.4 Area covered by Habitat

2.4.1 Surface area (km <sup>2</sup> )	6,92
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
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
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 data Use 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)	high importance (H)	N/A
roads, motorways (D01.02)	medium importance (M)	N/A
Outdoor sports and leisure activities, recreational activities (G01)	high importance (H)	N/A
Tramplng, overuse (G05.01)	medium importance (M)	N/A
Urbanised areas, human habitation (E01)	high importance (H)	N/A
canalisation (J02.03.02)	low importance (L)	N/A
Water abstractions from groundwater (J02.07)	medium importance (M)	N/A
skiing, off-piste (G01.06)	low importance (L)	N/A
Mining and quarrying (C01)	high importance (H)	N/A

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Peat extraction (C01.03)	low importance (L)	N/A
Drying out (K01.03)	low importance (L)	N/A
Biocenotic evolution, succession (K02)	low importance (L)	N/A
intensive grazing (A04.01)	medium importance (M)	N/A
Forestry activities not referred to above (B07)	low importance (L)	N/A

2.5.1 Method used – pressures mainly based on expert judgement and other data (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)	high importance (H)	N/A
roads, motorways (D01.02)	medium importance (M)	N/A
Outdoor sports and leisure activities, recreational activities (G01)	high importance (H)	N/A
Trampling, overuse (G05.01)	medium importance (M)	N/A
Urbanised areas, human habitation (E01)	high importance (H)	N/A
canalisation (J02.03.02)	low importance (L)	N/A
Water abstractions from groundwater (J02.07)	medium importance (M)	N/A
skiing, off-piste (G01.06)	low importance (L)	N/A
Mining and quarrying (C01)	high importance (H)	N/A
Peat extraction (C01.03)	low importance (L)	N/A
Drying out (K01.03)	low importance (L)	N/A
Biocenotic evolution, succession (K02)	low importance (L)	N/A
intensive grazing (A04.01)	medium importance (M)	N/A
Forestry activities not referred to above (B07)	low importance (L)	N/A

2.6.1 Method used – threats expert opinion (1)

## 2.7 Complementary Information

### 2.7.1 Species

Eriophorum vaginatum
Sphagnum capillaceum
Sphagnum magellanicum
Sphagnum imbricatum
Sphagnum fuscum
Vaccinium microcarpum
Vaccinium oxycoccus
Andromeda polifolia
Carex pauciflora
Drosera anglica
Drosera rotundifolia

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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 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 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 (km<sup>2</sup>) min 5,1161 max 5,1161

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

3.2.1 Measure	3.2.2 Type	3.2.3 Ranking	3.2.4 Location	3.2.5 Broad Evaluation
Restoring/improving water quality (4.1)	Legal	high importance (H)	Both	Long term
Restoring/improving the hydrological regime (4.2)	Legal	high importance (H)	Inside	Maintain
Establish protected areas/sites (6.1)	Legal Administrative	high importance (H)	Both	Maintain Long term
Legal protection of habitats and species (6.3)	Legal	high importance (H)	Both	Long term Not evaluated
Regulating/Management exploitation of natural resources on land (9.1)	Legal	high importance (H)	Inside	Maintain

# Notes

**Habitat code: 7110 Region code: ALP**

Field label	Note	User
2.4.1 Surface area	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_h abitat