

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

CODE: 6240

NAME: Sub-Pannonic steppic grasslands

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

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 Published and unpublished data, information and experts' judgments have been provided by Edoardo Biondi, Liliana Zivkovic and Cesare Lasen(SBI), Pietro Massimiliano Bianco and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

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Blasi et al., 2010. La Vegetazione d'Italia con Carta delle Serie di Vegetazione in scala 1:500000. Palombi ed.,
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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'Ambiente/Sistema_Carta_della_Natura)

[IT/Servizi_per_l'Ambiente/Sistema_Carta_della_Natura](http://www.isprambiente.gov.it/site/it-IT/Servizi_per_l'Ambiente/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)	10000	
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	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)	25,54		
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	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)
Erosion (K01.01)	medium importance (M)	N/A
abandonment of pastoral systems, lack of grazing (A04.03)	medium importance (M)	N/A
roads, motorways (D01.02)	medium importance (M)	N/A
Outdoor sports and leisure activities, recreational activities (G01)	high importance (H)	N/A
damage by herbivores (including game species) (K04.05)	medium importance (M)	N/A
Mining and quarrying (C01)	low importance (L)	N/A

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Trampling, overuse (G05.01)	low importance (L)	N/A
species composition change (succession) (K02.01)	medium importance (M)	N/A
Fertilisation (A08)	medium importance (M)	N/A
agricultural intensification (A02.01)	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)
Erosion (K01.01)	medium importance (M)	N/A
abandonment of pastoral systems, lack of grazing (A04.03)	medium importance (M)	N/A
roads, motorways (D01.02)	medium importance (M)	N/A
Outdoor sports and leisure activities, recreational activities (G01)	high importance (H)	N/A
damage by herbivores (including game species) (K04.05)	medium importance (M)	N/A
Mining and quarrying (C01)	low importance (L)	N/A
Trampling, overuse (G05.01)	low importance (L)	N/A
species composition change (succession) (K02.01)	medium importance (M)	N/A
Fertilisation (A08)	medium importance (M)	N/A
agricultural intensification (A02.01)	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

Astragalus austriacus
Festuca valesiaca
Astragalus excapus
Carex supina
Ephedra helvetica
Astragalus onobrychis
Carex stenophylla
Euphorbia seguieriana
Onosma helvetica ssp. Tridentina
Petrorhagia saxifraga
Potentilla cinerea subsp. arenaria (=Potentilla arenaria)
Poa badensis
Poa carniolica
Poa pusilla
Poa molineri
Stipa capillata

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Scorzonera austriaca

Ranunculus illyricus

Stipa pennata L. subsp. Pennata

2.7.2 Species method used Selection and evaluation 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 10,2586 max 10,2586

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: 6240

Field label	Note	User
1.1.1 Distribution Map	Oltre ai quadranti qui indicati, altri frammenti non cartografati di questo habitat sono certamente presenti nelle vallate aride continentali.	ISPRA_habitat