

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

CODE: 5410

NAME: West Mediterranean clifftop phrygnas (Astragalo-Plantaginetum subulatae)

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

Mediterranean (MED)

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 Published and unpublished data, information and experts' judgments have been provided by Edoardo Biondi, Liliana Zivkovic and Giovanni Spampinato(SBI).

"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., Camarda I., Carta L., Brunu A., Brundu G., Laureti L., Angelini P., Bagnaia R., 2011. Carta degli habitat della Regione Sardegna per il sistema informativo di Carta della Natura alla scala 1:50.000. Dipartimento di Scienze Botaniche Ecologiche e Geologiche dell'Università degli Studi di Sassari - ISPRA - Regione SardegnaISPRA, 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 - SINAnetISPRA, 2005. Dati del sistema informativo di Carta della Natura alla scala 1:50.000."

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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)	2600	
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	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)	6,28		
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	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)
burning down (J01.01)	medium importance (M)	N/A
Erosion (K01.01)	medium importance (M)	N/A
discontinuous urbanisation (E01.02)	medium importance (M)	N/A
grazing (A04)	medium importance (M)	N/A
Discharges (E03)	low importance (L)	N/A
Roads, paths and railroads (D01)	high importance (H)	N/A

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Outdoor sports and leisure activities, recreational activities (G01)	high importance (H)	N/A
Soil pollution and solid waste (excluding discharges) (H05)	high importance (H)	N/A
invasive non-native species (I01)	high importance (H)	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)
burning down (J01.01)	medium importance (M)	N/A
Erosion (K01.01)	medium importance (M)	N/A
discontinuous urbanisation (E01.02)	medium importance (M)	N/A
grazing (A04)	medium importance (M)	N/A
Discharges (E03)	low importance (L)	N/A
Roads, paths and railroads (D01)	high importance (H)	N/A
Outdoor sports and leisure activities, recreational activities (G01)	high importance (H)	N/A
Soil pollution and solid waste (excluding discharges) (H05)	high importance (H)	N/A
invasive non-native species (I01)	high importance (H)	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 terraccianoii
Centaurea horrida
Thymelaea hirsuta
Helichrysum italicum ssp. Microphyllum
Camphorosma monspeliaca
Limonium acutifolium
Limonium nymphaeum
Genista sardoa
Euphorbia pithyusa
Daucus gingidium

2.7.2 Species method used List from field "combinazione fisionomica di riferimento" of habitat's form in: Manuale Italiano di Interpretazione degli Habitat (Biondi et al., 2009; <http://vnr.unipg.it/habitat/>)

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

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2.8 Conclusions (assessment of conservation status at end of reporting period)

2.8.1 Range	assessmentInadequate(U1) qualifiersN/A
2.8.2 Area	assessmentInadequate(U1) qualifiersN/A
2.8.3 Specific structures and functions (incl Species)	assessmentBad(U2) qualifiersN/A
2.8.4 Future prospects	assessmentInadequate(U1) qualifiersN/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)	min5,9735max5,9735
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