

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

CODE: 9560

NAME: Endemic forests with Juniperus spp.

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 Published and unpublished data, information and experts' judgments have been provided by Edoardo Biondi, Liliana Zivkovic and Cesare Lasen(SBI).

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 Sardegna.

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](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, Corine land cover 2006 IV livello. Dati della Rete del sistema Informativo Nazionale Ambientale - SINAnet

Vagge I. & Biondi E., 2008. La vegetazione a Juniperus thurifera L. sulle Alpi occidentali. Fitosociologia 45(1): 177-200.

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

2.3.1 Surface area - Range (km <sup>2</sup> )	700
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	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 approximately equal to (≈) unknown No method
2.3.10 Reason for change	Improved knowledge/more accurate data Use of different method

### 2.4 Area covered by Habitat

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2.4.1 Surface area (km <sup>2</sup> )	2,05
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	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 approximately equal to (≈) 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)
Forest and Plantation management & use (B02)	medium importance (M)	N/A
grazing (A04)	medium importance (M)	N/A
Roads, paths and railroads (D01)	medium importance (M)	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)
Forest and Plantation management & use (B02)	medium importance (M)	N/A
grazing (A04)	medium importance (M)	N/A
Roads, paths and railroads (D01)	medium importance (M)	N/A

2.6.1 Method used – threats expert opinion (1)

## 2.7 Complementary Information

### 2.7.1 Species

Juniperus phoenicea
Juniperus thurifera
Juniperus hemisphaerica
Juniperus communis
Juniperus nana
Rhamnus saxatilis
Amelanchier ovalis ssp. Embergerii
Rosa spinosissima
Genista cinerea

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Daphne alpina

Lavandula angustifolia

## 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

## 2.8 Conclusions (assessment of conservation 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 and functions (incl Species)

assessment Inadequate (U1)  
qualifiers N/A

### 2.8.4 Future prospects

assessment Inadequate (U1)  
qualifiers N/A

### 2.8.5 Overall assessment of Conservation Status

Inadequate (U1)

### 2.8.5 Overall trend in Conservation Status

unknown (x)

## 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 0,9805 max 0,9805

#### 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

No measure known/  
impossible to carry out  
specific measures (1.3)

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# Notes

## Habitat code: 9560

Field label	Note	User
2. Regional	L'habitat è segnalato per errore in un SIC della regione mediterranea (Sardegna), mentre è presente nella regione alpina anche se non segnalato ufficialmente in nessun sito.	ISPRA_habi

## Habitat code: 9560 Region code: ALP

Field label	Note	User
2.4.1 Surface area	Nel calcolo della superficie è compresa l'area ricadente nella regione biogeografica MED	fra
2.3.1 Surface area Range	Nel calcolo della superficie del range è compresa la parte ricadente nella regione biogeografica MED, considerata marginale	fra