

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

CODE: 92D0

NAME: Southern riparian galleries and thickets (Nerio-Tamaricetea and Securinegion tinctoriae)

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 Published and unpublished data, information and experts' judgments have been provided by Edoardo Biondi, Liliana Zivkovic and Giovanni Spampinato(SBI).

"Angelini P., Augello R., Bianco P.M., Gennaio R., La Ghezza V., Lavarra P., Marrese M., Papallo O., Perrino V. M., Sani R., M. Stelluti. 2012. Carta degli habitat della Regione Puglia per il sistema informativo di Carta della Natura alla scala 1:50.000. ISPRA - Arpa Puglia. 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 Sardegna. Caruso G., Croce A., Gianguzzi L., Ilardi V., Santangelo A. e Uzunov D., 2012 – *Platanus orientalis* L.. Inf. Bot. Ital. (in press). CORBETTA F., PIRONE G., FRATTAROLI A.R., CIASCHETTI G., 2004. Lineamenti della vegetazione del Parco Nazionale del Cilento e Vallo di Diano. Braun-Blanquetia 36: 1-61. 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. ISPRA, 2005. Dati del sistema informativo di Carta della Natura alla scala 1:50.000. Papini F., Gianguzzi L., Brullo S., Bianco P. M., Angelini P., 2006. Carta degli habitat della Regione Sicilia per il sistema informativo di Carta della Natura alla scala 1:50.000. Dipartimento di Scienze Botaniche dell'Università degli Studi di Palermo - Dipartimento di Botanica dell'Università degli Studi di Catania - Regione Sicilia – ISPRA"

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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> )	52500	
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	approximately equal to (≈)
	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 (km²)	204,27		
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	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 approximately equal to (≈) 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
roads, motorways (D01.02)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	high importance (H)	N/A
use of biocides, hormones and chemicals (A07)	medium importance (M)	N/A
Erosion (K01.01)	medium importance (M)	N/A
discontinuous urbanisation (E01.02)	medium importance (M)	N/A

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Fertilisation (A08)	medium importance (M)	N/A
Sand and gravel extraction (C01.01)	medium importance (M)	N/A
artificial planting on open ground (non-native trees) (B01.02)	medium importance (M)	N/A
motorised vehicles (G01.03)	medium importance (M)	N/A
Discharges (E03)	medium importance (M)	N/A
Urbanised areas, human habitation (E01)	medium importance (M)	N/A
modifying structures of inland water courses (J02.05.02)	medium importance (M)	N/A
Soil pollution and solid waste (excluding discharges) (H05)	high importance (H)	N/A
Industrial or commercial areas (E02)	medium importance (M)	N/A
invasive non-native species (I01)	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)
burning down (J01.01)	medium importance (M)	N/A
roads, motorways (D01.02)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	high importance (H)	N/A
use of biocides, hormones and chemicals (A07)	medium importance (M)	N/A
Erosion (K01.01)	medium importance (M)	N/A
discontinuous urbanisation (E01.02)	medium importance (M)	N/A
Fertilisation (A08)	medium importance (M)	N/A
Sand and gravel extraction (C01.01)	medium importance (M)	N/A
artificial planting on open ground (non-native trees) (B01.02)	medium importance (M)	N/A
motorised vehicles (G01.03)	medium importance (M)	N/A
Discharges (E03)	medium importance (M)	N/A
Urbanised areas, human habitation (E01)	medium importance (M)	N/A
modifying structures of inland water courses (J02.05.02)	medium importance (M)	N/A
Soil pollution and solid waste (excluding discharges) (H05)	high importance (H)	N/A
Industrial or commercial areas (E02)	medium importance (M)	N/A
invasive non-native species (I01)	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

Nerium oleander

Vitex agnus-castus

Tamarix gallica

Tamarix africana

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Tamarix arborea

Tamarix canariensis

Rubus ulmifolius

Dittrichia viscosa

Spartium junceum

Erianthus ravennae

## 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

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 44,43539 max 44,43539

#### 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