

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

CODE: 92C0

NAME: *Platanus orientalis* and *Liquidambar orientalis* woods (*Platanion orientalis*)

## 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 Published and unpublished data, information and experts' judgments have been provided by Edoardo Biondi, Liliana Zivkovic and Giovanni Spampinato(SBI).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., Caruso G., Croce A., Gianguzzi L., Ilardi V., Santangelo A. e Uzunov D., 2012 – *Platanus orientalis* L.. Inf. Bot. Ital. (in press) 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 Picone R.M., Crisafulli A., Zacccone S., 2008 - Habitat forestali di particolare valore naturalistico (dir. 92/43/CEE) dei Monti Peloritani (Sicilia). – Atti III Convegno SISEF Taormina."

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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> )	4900	
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	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 <sup>2</sup> )	
	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 <sup>2</sup> )	26,03		
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
roads, motorways (D01.02)	medium importance (M)	N/A
dispersed habitation (E01.03)	medium importance (M)	N/A
forest exploitation without replanting or natural regrowth (B03)	high importance (H)	N/A
motorised vehicles (G01.03)	medium importance (M)	N/A

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modifying structures of inland water courses (J02.05.02)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
artificial planting on open ground (non-native trees) (B01.02)	medium importance (M)	N/A
Sand and gravel extraction (C01.01)	medium importance (M)	N/A
Discharges (E03)	medium importance (M)	N/A
canalisation (J02.03.02)	medium importance (M)	N/A
Soil pollution and solid waste (excluding discharges) (H05)	medium importance (M)	N/A
removal of forest undergrowth (B02.03)	medium importance (M)	N/A
bridge, viaduct (D01.05)	low importance (L)	N/A
grazing (A04)	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
Erosion (K01.01)	medium importance (M)	N/A
roads, motorways (D01.02)	medium importance (M)	N/A
dispersed habitation (E01.03)	medium importance (M)	N/A
forest exploitation without replanting or natural regrowth (B03)	high importance (H)	N/A
motorised vehicles (G01.03)	medium importance (M)	N/A
modifying structures of inland water courses (J02.05.02)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
artificial planting on open ground (non-native trees) (B01.02)	medium importance (M)	N/A
Sand and gravel extraction (C01.01)	medium importance (M)	N/A
Discharges (E03)	medium importance (M)	N/A
canalisation (J02.03.02)	medium importance (M)	N/A
Soil pollution and solid waste (excluding discharges) (H05)	medium importance (M)	N/A
removal of forest undergrowth (B02.03)	medium importance (M)	N/A
bridge, viaduct (D01.05)	low importance (L)	N/A
grazing (A04)	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

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## 2.7.1 Species

Platanus orientalis
Salix pedicellata
Salix alba
Salix ionica
Fraxinus angustifolia ssp. Oxycarpa
Populus nigra
Populus alba
Hypericum hircinum subsp. Majus
Nerium oleander
Tamarix gallica
Carex pendula
Carex remota
Solanum dulcamara
Ficus carica
Equisetum telmateja
Vitis vinifera subsp. Sylvestris
Melissa officinalis subsp. Altissima

## 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 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 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( -)

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## 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	21,5625	max	21,5625
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