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

CODE: 3290

NAME: Intermittently flowing Mediterranean rivers of the Paspalo-Agrostidion

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

Mediterranean (MED)

2.2 Published

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 Published and unpublished data, information and experts' judgments have been provided by Edoardo Biondi, Liliana Zivkovic and Giovanni Spampinato(SBI).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 Bianco P.M., Laureti L., Papallo O. , Perfetti D. 2012 Carta degli habitat della Regione Umbria per il sistema informativo di Carta della Natura alla scala 1:50.000. ISPRA 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 Casella L., Agrillo E., Bianco P.M., Cardillo A., Carbone M., Cattena C., Laureti L., Lugari A., Spada F., 2008. Carta degli habitat della Regione Lazio per il sistema informativo di Carta della Natura alla scala 1:50.000. ISPRA - Università degli Studi di Roma "La Sapienza" - Regione Lazio 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 (km²)	37100	
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 (km²)	
	operator	approximately equal to (≈)
	unkown	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)	32,31		
2.4.2 Year or period	2005-2012		
2.4.3 Method used	Estimate based on partial data with some extrapolation and/or modelling (2)		
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)
use of biocides, hormones and chemicals (A07)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
discontinuous urbanisation (E01.02)	medium importance (M)	N/A
Erosion (K01.01)	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)	high importance (H)	N/A

Other human induced changes in hydraulic conditions (J02.15)	medium importance (M)	N/A
Discharges (E03)	medium importance (M)	N/A
Fertilisation (A08)	medium importance (M)	N/A
modifying structures of inland water courses (J02.05.02)	high importance (H)	N/A
Soil pollution and solid waste (excluding discharges) (H05)	high importance (H)	N/A
Leisure fishing (F02.03)	low importance (L)	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)
use of biocides, hormones and chemicals (A07)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	medium importance (M)	N/A
discontinuous urbanisation (E01.02)	medium importance (M)	N/A
Erosion (K01.01)	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)	high importance (H)	N/A
Other human induced changes in hydraulic conditions (J02.15)	medium importance (M)	N/A
Discharges (E03)	medium importance (M)	N/A
Fertilisation (A08)	medium importance (M)	N/A
modifying structures of inland water courses (J02.05.02)	high importance (H)	N/A
Soil pollution and solid waste (excluding discharges) (H05)	high importance (H)	N/A
Leisure fishing (F02.03)	low importance (L)	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

Paspalum paspaloides (= P.distichum)
Paspalum dilatatum
Paspalum vaginatum
Polypogon viridis
Polypogon monspeliensis
Polypogon litoralis
Lythrum junceum
Dorycnium rectum

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/)

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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	Favourable(FV)
	qualifiers	N/A
2.8.4 Future prospects	assessment	Favourable(FV)
	qualifiers	N/A
2.8.5 Overall assessment of Conservation Status	Favourable(FV)	
2.8.5 Overall trend in Conservation Status	N/A	

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	27,2694	max	27,2694
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: 3290 Region code: MED

Field label	Note	User
2.4.1 Surface area	Nel calcolo delle superfici (campi 2.3.1, 2.4.1 e 3.1.1) rientra anche la superficie delle aree comprese nella regione continentale	ISPRA_habitat