

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

CODE: 3110

NAME: Oligotrophic waters containing very few minerals of sandy plains (*Littorelletalia uniflorae*)

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

Continental (CON)

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 Published and unpublished data, information and experts' judgments have been provided by Edoardo Biondi and Liliana Zivkovic (SBI).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

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

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

2.3.1 Surface area - Range (km ²)	1300
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	unknown (x)
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 much more than (>>)
	unkown No
	method
2.3.10 Reason for change	genuine change No
	improved knowledge Yes
	different method Yes

2.4 Area covered by Habitat

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2.4.1 Surface area (km ²)	0
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	unknown (x)
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 much 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)
Other forms of pollution (H07)	low importance (L)	N/A
Agriculture activities not referred to above (A11)	low importance (L)	N/A
electricity and phone lines (D02.01)	low importance (L)	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)
Other forms of pollution (H07)	low importance (L)	N/A
Agriculture activities not referred to above (A11)	low importance (L)	N/A
electricity and phone lines (D02.01)	low importance (L)	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

Potamogeton polygonifolius

Eleocharis acicularis

Sparganium angustifolium

Rorippa islandica

Gnaphalium uliginosum

Juncus filiformis

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;

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<http://vnr.unipg.it/habitat/>

2.7.3 Justification of % - thresholds for trends

2.7.4 Structure and functions - methods used

2.7.5 Other relevant information

Estimate based on expert opinion with no or minimal sampling(1)

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

2.8.1 Range

assessment Unknown(XX)
qualifiers N/A

2.8.2 Area

assessment Unknown(XX)
qualifiers N/A

2.8.3 Specific structures and functions (incl Species)

assessment Unknown(XX)
qualifiers N/A

2.8.4 Future prospects

assessment Unknown(XX)
qualifiers N/A

2.8.5 Overall assessment of Conservation Status

Unknown(XX)

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 0,0047 max 0,0047

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

2.1 Biogeographical Region

2.2 Published

Alpine (ALP)

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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.

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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

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

2.3.1 Surface area - Range (km ²)	400
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 ²) operator much 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)	0,05
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	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 much more than (>>) unknown No method
2.4.13 Reason for change	Improved knowledge/more accurate dataUse of different method

2.5 Main Pressures

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Pressure	ranking	pollution qualifier(s)
Other human intrusions and disturbances (G05)	low importance (L)	N/A
other sport / leisure complexes (G02.10)	low importance (L)	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)
Improved access to site (D05)	low importance (L)	N/A
other sport / leisure complexes (G02.10)	low importance (L)	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

Marsilea quadrifolia

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 Bad(U2)
qualifiers N/A

2.8.2 Area assessment Bad(U2)
qualifiers N/A

2.8.3 Specific structures and functions (incl Species) assessment Bad(U2)
qualifiers N/A

2.8.4 Future prospects assessment Bad(U2)
qualifiers N/A

2.8.5 Overall assessment of Conservation Status Bad(U2)

2.8.5 Overall trend in Conservation Status stable(=)

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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	0,053	max	0,053
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