

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

CODE: 1320

NAME: *Spartina swards (Spartinion maritimae)*

## 1. National Level

### 1.1 Maps

1.1.1 Distribution Map	Yes
1.1.2 Distribution Method	Estimate based on partial data with some extrapolation and/or modelling (2)
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 Published and unpublished data, information and experts' judgments have been provided by Edoardo Biondi and Liliana Zivkovic(SBI).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., Brentan D., Burbello A., Avanzi E., Gasparini S., Laureti L., Bianco P.M., 2008. Carta degli habitat della regione Veneto per il sistema informativo di Carta della Natura alla scala 1:50.000. ISPRA - Arpa Veneto. [http://www.isprambiente.gov.it/site/it-IT/Servizi\\_per\\_l%27Ambiente/Sistema\\_Carta\\_della\\_Natura](http://www.isprambiente.gov.it/site/it-IT/Servizi_per_l%27Ambiente/Sistema_Carta_della_Natura) 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 Oriolo G., Dragan M., Ferneti M., Francescato C., Tomasella M., Giorgi R. 2007. Carta degli habitat della regione Friuli Venezia Giulia per il sistema informativo di Carta della Natura alla scala 1:50.000. ISPRA-Regione Friuli Venezia Giulia. [http://www.isprambiente.gov.it/site/it-IT/Servizi\\_per\\_l%27Ambiente/Sistema\\_Carta\\_della\\_Natura](http://www.isprambiente.gov.it/site/it-IT/Servizi_per_l%27Ambiente/Sistema_Carta_della_Natura)

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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> )	3100	
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	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 (km <sup>2</sup> )	20,41		
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	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)
Urbanised areas, human habitation (E01)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	low importance (L)	N/A
eutrophication (natural) (K02.03)	medium importance (M)	N/A
Water abstractions from groundwater (J02.07)	high importance (H)	N/A
estuarine and coastal dredging (J02.02.02)	high importance (H)	N/A
Vandalism (G05.04)	high importance (H)	N/A

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Professional active fishing (F02.02)	high importance (H)	N/A
canalisation (J02.03.02)	medium importance (M)	N/A
port areas (D03.01)	high importance (H)	N/A
Sand and gravel extraction (C01.01)	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)
Urbanised areas, human habitation (E01)	medium importance (M)	N/A
Pollution to surface waters (limnic & terrestrial, marine & brackish) (H01)	low importance (L)	N/A
eutrophication (natural) (K02.03)	medium importance (M)	N/A
Water abstractions from groundwater (J02.07)	high importance (H)	N/A
estuarine and coastal dredging (J02.02.02)	high importance (H)	N/A
Vandalism (G05.04)	high importance (H)	N/A
Professional active fishing (F02.02)	high importance (H)	N/A
canalisation (J02.03.02)	medium importance (M)	N/A
port areas (D03.01)	high importance (H)	N/A
Sand and gravel extraction (C01.01)	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

Spartina maritima
Limonium narbonense
Puccinellia festuciformis ssp. Festuciformis
Salicornia veneta

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

### 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 Inadequate( U1)  
qualifiers N/A

2.8.2 Area assessment Inadequate( U1)  
qualifiers N/A

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2.8.3 Specific structures and functions (incl Species)	assessmentBad( U2) qualifiersN/A
2.8.4 Future prospects	assessmentBad( U2) qualifiersN/A
2.8.5 Overall assessment of Conservation Status	Bad( U2)
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)	min20,3767max20,3767
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: 1320

Field label	Note	User
1.1.1 Distribution Map	The habitat is not present within the Mediterranean region. Sardinia was the only Region showing the presence of habitat within the Natura 2000 network (but it was an interpretation mystake)	ISPRA_h abitat

## Habitat code: 1320 Region code: CON

Field label	Note	User
2.4.1 Surface area	Habitat conservation status within the Riserva Naturale Sacca di Bellocchio (Emilia Romagna) is very critical as a strong regression of area has been detected.	ISPRA_h abitat