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

CODE: 8330

NAME: Submerged or partially submerged sea caves

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	2006
1.1.4 Additional map	No
1.1.5 Range Map	Yes

2. Biogeographical Or Marine Level

2.1 Biogeographical Region	**Marine Mediterranean (MMED)**
2.2 Published	BD Natura 2000AA. VV., 2005. GIS Natura: il GIS delle conoscenze naturalistiche in Italia. DVD. Politecnico di Milano, Ministero dell'Ambiente e della Tutela del Territorio, Direzione Protezione della Natura.

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CORBETTA F., ABBATE G., FRATTAROLI A.R., PIRONE G.F. (a cura di), 1998. SOS Verde, vegetazioni e specie da conservare. Edagricole, Bologna.EUROPEAN COMMISSION DG ENVIRONMENT, 2003. Interpretation Manual of European Union habitats. EUR 25.

MINELLI A. (a cura di), 2004. Coste marine rocciose. Quaderni Habitat, 7. Ministero dell'Ambiente e della tutela del Territorio, Museo Friulano di Storia Naturale.

STOCH F. (a cura di), 2001. Grotte e fenomeno carsico. Quaderni Habitat, 1. Ministero dell'Ambiente e della tutela del Territorio, Museo Friulano di Storia Naturale.

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

2.3.1 Surface area - Range (km²)	2600	
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 (km²)	
	operator	approximately equal to (≈)
	unkown	No
	method	Expert judgement

2.3.10 Reason for change	genuine change	No
	improved knowledge	No
	different method	No

2.4 Area covered by Habitat

2.4.1 Surface area (km²)	14
2.4.2 Year or period	2006-
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	unknown (x)
2.4.6 Short-term trend magnitude	min	max	confidence interval
2.4.7 Short term trend method used	Absent data (0)

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	Expert judgement

| 2.4.13 Reason for change | |

2.5 Main Pressures

Pressure	ranking	pollution qualifier(s)
No threats or pressures (X)	()	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)
Marine water pollution (H03)	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

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

2.7.2 Species method used	none

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	Unknown(XX)
	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	max
3.1.2 Method used	Absent data (0)	
3.1.3. Trend of surface area	N/A	

3.2 Conversation Measures

Notes

Habitat code: 8330 Region code: MMED

Field label	Note	User
2.3.1 Surface area Range	The value of the surface area of the range has been obtained with Range tool. The same value in the previous reporting cycle was 2566 km2.	AA_HM