

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

CODE: 8310

NAME: Caves not open to the public

## 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	2006-2012
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)

Dimopoulos P., Xystrakis F. and Tsiripidis I. 2014. Deliverable A1. Final Catalogue of Habitat Types – 1st edition. Ministry of Environment, Energy and Climate Change, OIKOM Ltd - E. Alexandropoulou - A. Glavas, Athens, pages 54.

Dimopoulos P., Fotiadis G., Tsiripidis I., Panitsa M. and Karadimou E. 2014. Deliverable A2. Report and Literature Database on Habitat Types of Greece – 1st edition. Ministry of Environment, Energy and Climate Change, OIKOM Ltd - E. Alexandropoulou - A. Glavas, Athens, pages 210.

Tsiripidis I., Xystrakis F., Kasampalis D., Mastrogianni A., Strid A. and Dimopoulos P., 2014. Deliverable A4. Potential Distribution Maps of Habitat Types – 1st edition. Ministry of Environment, Energy and Climate Change, OIKOM Ltd - E. Alexandropoulou - A. Glavas, Athens, Athens, pages 176.

Dimopoulos P., Tsiripidis I., Xystrakis F., Panitsa M., Fotiadis G., Kallimanis A.S. and Kazoglou I. 2014. Deliverable A6. Explanatory Implementation Manual for the Conservation Degree Assessment of Habitat Types – 1st edition. Ministry of Environment, Energy and Climate Change, OIKOM Ltd - E. Alexandropoulou - A. Glavas, Athens, pages 35. (with Annexes: I. Habitat types protocols, pages 600; II. Explanatory notes on the habitat types protocols selection, pages 4; III. Correspondence of Habitat types protocols with the clusters of vegetation relevés (excel file).

Dimopoulos P., Tsiripidis I., Xystrakis F., Kallimanis A.S and Panitsa M. 2014. Deliverable A7. Preliminary Analysis of the Field Data for the Habitat Types – 1st edition. Ministry of Environment, Energy and Climate Change, OIKOM Ltd - E. Alexandropoulou - A. Glavas, Athens, pages 16.

Dimopoulos P., Raus T., Mucina L. & Tsiripidis I. 2009. Vegetation patterns and primary succession on sea-born volcanic islands (Santorini archipelago, Aegean Sea, Greece). *Phytocoenologia* 40: 1-14.

Raus Th. 1988. Vascular plant colonization and vegetation development on sea-born volcanic islands in the Aegean (Greece). *Vegetatio* 77: 139-147.

Raus Th. 1986. Floren- und Vegetationsdynamik auf der Vulkaninsel Nea Kaimeni (Santorin-Archipel, Kykladen, Griechenland). *Abh. Landesmus. Naturkd. Münster/Westf.* 48: 373–394.

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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> )	0,001
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	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 (km <sup>2</sup> ) operator approximately equal to (≈) unkown No method
2.3.10 Reason for change	Improved knowledge/more accurate data Use of different method

## 2.4 Area covered by Habitat

2.4.1 Surface area (km <sup>2</sup> )	0,001
2.4.2 Year or period	2000-2012
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
2.4.7 Short term trend method used	Estimate based on partial data with some extrapolation and/or modelling (2)
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
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 data Use of different method

## 2.5 Main Pressures

Pressure	ranking	pollution qualifier(s)
No threats or pressures (X)	( )	N/A

2.5.1 Method used – pressures mainly based on expert judgement and other data (2)

## 2.6 Main Threats

Threat	ranking	pollution qualifier(s)
No threats or pressures (X)	( )	N/A

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2.6.1 Method used – threats expert opinion (1)

## 2.7 Complementary Information

### 2.7.1 Species

No typical species

### 2.7.2 Species method used

The description of this habitat type, is not based on phytosociological criteria. So there is not a typical species catalog.

### 2.7.3 Justification of % - thresholds for trends

### 2.7.4 Structure and functions - methods used

Complete survey/Complete survey or a statistically robust estimate (3)

### 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 Unknown (XX)  
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 (km<sup>2</sup>) min 0,001 max 0,001

3.1.2 Method used Complete survey/Complete survey or a statistically robust estimate (3)

3.1.3. Trend of surface area stable (0)

### 3.2 Conversation Measures

3.2.1 Measure	3.2.2 Type	3.2.3 Ranking	3.2.4 Location	3.2.5 Broad Evaluation
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No measures needed for the conservation of the habitat/species (1.1)		( )		
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