



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

	within the national borders.		
4.11 Change and reason for change in surface area of range	Improved knowledge/more accurate data Use of different method The change is mainly due to: Improved knowledge/more accurate data		
4.12 Additional information			
<b>5. Area covered by habitat</b>			
5.1 Year or period	2015-015-		
5.2 Surface area (in km <sup>2</sup> )	a) Minimum	b) Maximum	c) Best single value 100
5.3 Type of estimate	Best estimate		
5.4 Surface area Method used	Based mainly on extrapolation from a limited amount of data		
5.5 Short-term trend Period	2007-2018		
5.6 Short-term trend Direction	Stable (0)		
5.7 Short-term trend Magnitude	a) Minimum	b) Maximum	c) Confidence interval
5.8 Short-term trend Method used	Based mainly on expert opinion with very limited data		
5.9 Long-term trend Period			
5.10 Long-term trend Direction			
5.11 Long-term trend Magnitude	a) Minimum	b) Maximum	c) Confidence interval
5.12 Long-term trend Method used			
5.13 Favourable reference area	a) Area (km <sup>2</sup> )	b) Operator	c) Unknown
		d) Method	
			Approximately equal to (≈)
			Yes
			All major 1160 habitat types across Greece have been largely identified and mapped during the initial establishment of the Greek NATURA 2000 Network. On these grounds, its current area and FRA are considered equal to its area at the time of the Directive's adoption.
5.14 Change and reason for change in surface area of range	Improved knowledge/more accurate data Use of different method The change is mainly due to: Improved knowledge/more accurate data		
5.15 Additional information			

## 6. Structure and functions

6.1 Condition of habitat	a) Area in good condition (km <sup>2</sup> )	Minimum 0	Maximum 0
	b) Area in not-good condition (km <sup>2</sup> )	Minimum 20	Maximum 20
	c) Area where condition is not known (km <sup>2</sup> )	Minimum 80	Maximum 80
6.2 Condition of habitat Method used	Based mainly on extrapolation from a limited amount of data		
6.3 Short-term trend of habitat area in good condition Period	20072018		

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6.4 Short-term trend of habitat area in good condition Direction	Unknown (x)
6.5 Short-term trend of habitat area in good condition Method used	Insufficient or no data available
6.6 Typical species	Has the list of typical species changed in comparison to the previous reporting period? No
6.7 Typical species Method used	The list of typical species presented here follows the phytosociological criteria set by Dafis et al. 2001. To assess the ecological status of benthic habitats however, multi-specific approaches have been applied based on various biotic indices which take into account the composition and relative abundance of the infaunal communities (Simboura & Zenetos, 2001; Simboura & Reizopoulou,
6.8 Additional information	Assumption: 20% of the habitat area is estimated to be in not-good condition.

## 7. Main pressures and threats

### 7.1 Characterisation of pressures/threats

Pressure	Ranking
Mixed source marine water pollution (marine and coastal) (J02)	H
Marine aquaculture generating marine pollution (G16)	H
Marine fish and shellfish harvesting (professional, recreational) activities causing physical loss and disturbance of seafloor habitats (G03)	H
Shipping lanes, ferry lanes and anchorage infrastructure (e.g. canalisation, dredging) (E03)	H
Conversion from other land uses to housing, settlement or recreational areas (excluding drainage and modification of coastline, estuary and coastal conditions) (F01)	M
Residential or recreational activities and structures generating marine macro- and micro- particulate pollution (e.g. plastic bags, Styrofoam) (F22)	H
Threat	Ranking
Marine fish and shellfish harvesting (professional, recreational) activities causing physical loss and disturbance of seafloor habitats (G03)	H
Shipping lanes, ferry lanes and anchorage infrastructure (e.g. canalisation, dredging) (E03)	H
Conversion from other land uses to housing, settlement or recreational areas (excluding drainage and modification of coastline, estuary and coastal conditions) (F01)	H
Residential or recreational activities and structures generating marine macro- and micro- particulate pollution (e.g. plastic bags, Styrofoam) (F22)	M
Agricultural activities generating marine pollution (A28)	H
Deposition and treatment of waste/garbage from household/recreational facilities (F09)	H
Sea-level and wave exposure changes due to climate change (N04)	M

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Temperature changes (e.g. rise of temperature & extremes) M  
due to climate change (N01)

## 7.2 Sources of information

PRESSURES: Based exclusively or to a larger extent on real data from sites/occurrences or other data sources.  
THREATS: Based on expert opinion.

## 7.3 Additional information

## 8. Conservation measures

### 8.1 Status of measures

- a) Are measures needed? Yes
- b) Indicate the status of measures Measures identified, but none yet taken

### 8.2 Main purpose of the measures taken

### 8.3 Location of the measures taken

### 8.4 Response to the measures

### 8.5 List of main conservation measures

Reduce impact of mixed source pollution (CJ01)

Reduce/eliminate marine pollution from agricultural activities (CA13)

Habitat restoration of areas impacted by residential, commercial, industrial and recreational infrastructure, operations and activities (CF02)

Reduce/eliminate marine pollution from marine aquaculture (CG08)

Reduce impact of transport operation and infrastructure (CE01)

Reduce/eliminate marine contamination with litter (CF08)

Adopt climate change mitigation measures (CN01)

Management of professional/commercial fishing (including shellfish and seaweed harvesting) (CG01)

### 8.6 Additional information

## 9. Future prospects

### 9.1 Future prospects of parameters

- a) Range Good
- b) Area Good
- c) Structure and functions Poor

### 9.2 Additional information

## 10. Conclusions

### 10.1. Range

Favourable (FV)

### 10.2. Area

Favourable (FV)

### 10.3. Specific structure and functions (incl. typical species)

Unfavourable - Inadequate (U1)

### 10.4. Future prospects

Unfavourable - Inadequate (U1)

### 10.5 Overall assessment of Conservation Status

Unfavourable - Inadequate (U1)

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10.6 Overall trend in Conservation Status

Stable (=)

10.7 Change and reasons for change in conservation status and conservation status trend

a) Overall assessment of conservation status

No change

The change is mainly due to:

b) Overall trend in conservation status

Use of different method

The change is mainly due to: Use of different method

10.8 Additional information

## 11. Natura 2000 (pSCIs, SCIs, SACs) coverage for Annex I habitat types

11.1 Surface area of the habitat type inside the pSCIs, SCIs and SACs network (in km<sup>2</sup> in biogeographical/marine region)

a) Minimum 70  
b) Maximum 100  
c) Best single value

11.2 Type of estimate

Minimum

11.3 Surface area of the habitat type inside the network Method used

Based mainly on extrapolation from a limited amount of data

11.4 Short-term trend of habitat area in good condition within the network Direction

Stable (0)

11.5 Short-term trend of habitat area in good condition within network Method used

Based mainly on extrapolation from a limited amount of data

11.6 Additional information

## 12. Complementary information

12.1 Justification of % thresholds for trends

12.2 Other relevant information

Most of the collected data regarding habitat type 1160 status across Greece result from the HCMR Monitoring activities under the article 8 of the Water Framework Directive.