

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

4.11 Change and reason for change in surface area of range

Improved knowledge/more accurate data

The change is mainly due to: Improved knowledge/more accurate data

4.12 Additional information

5. Area covered by habitat

5.1 Year or period

2015-015-

5.2 Surface area (in km²)

a) Minimum

b) Maximum

c) Best single value

5.3 Type of estimate

5.4 Surface area Method used

Insufficient or no data available

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 (km²)

b) Operator

c) Unknown Yes

d) Method

Surface area for marine caves cannot be determined due to inherent difficulties. As this habitat type is defined by geological rather than biological criteria, its area (or number) cannot have changed since the adoption of the Directive.

5.14 Change and reason for change in surface area of range

Improved knowledge/more accurate data

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 (km²)

Minimum

Maximum

b) Area in not-good condition (km²)

Minimum

Maximum

c) Area where condition is not known (km²)

Minimum

Maximum

6.2 Condition of habitat Method used

Insufficient or no data available

6.3 Short-term trend of habitat area in good condition Period

20072018

6.4 Short-term trend of habitat area in good condition Direction

Unknown (x)

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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, upgraded by recent field samplings and relevant studies to include other important engineering and structural species. There is no applied methodology as yet to quantitatively assess the quality of these habitats.

6.8 Additional information

7. Main pressures and threats

7.1 Characterisation of pressures/threats

| Pressure | Ranking |
|--|---------|
| Sports, tourism and leisure activities (F07) | M |
| Residential or recreational activities and structures generating marine macro- and micro- particulate pollution (e.g. plastic bags, Styrofoam) (F22) | M |
| Mixed source marine water pollution (marine and coastal) (J02) | M |
| Threat | Ranking |
| Temperature changes (e.g. rise of temperature & extremes) due to climate change (N01) | H |
| Change of habitat location, size, and / or quality due to climate change (N05) | H |
| Mixed source marine water pollution (marine and coastal) (J02) | M |
| Other human intrusions and disturbance not mentioned above (H08) | H |
| Residential or recreational activities and structures generating marine macro- and micro- particulate pollution (e.g. plastic bags, Styrofoam) (F22) | H |
| Sea-level and wave exposure changes due to climate change (N04) | M |
| Other invasive alien species (other than species of Union concern) (I02) | M |

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

IAS: *Womersleyella setacea*, *Sargocentron rubrum*, *Pempheris rhomboidea*

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

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8.4 Response to the measures

8.5 List of main conservation measures

Reduce impact of mixed source pollution (CJ01)

Management, control or eradication of other invasive alien species (CI03)

Reduce/eliminate marine pollution from agricultural activities (CA13)

Reduce impact of outdoor sports, leisure and recreational activities (CF03)

Reduce/eliminate marine contamination with litter (CF08)

Adopt climate change mitigation measures (CN01)

Reduce impact of other specific human actions (CH03)

8.6 Additional information

9. Future prospects

9.1 Future prospects of parameters

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

9.2 Additional information

10. Conclusions

10.1. Range

Favourable (FV)

10.2. Area

Unknown (XX)

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

Unknown (XX)

10.4. Future prospects

Unfavourable - Inadequate (U1)

10.5 Overall assessment of Conservation Status

Unfavourable - Inadequate (U1)

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

No change

The change is mainly due to:

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 km² in biogeographical/marine region)

- a) Minimum
- b) Maximum
- c) Best single value

11.2 Type of estimate

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

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

Unknown (x)

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

Insufficient or no data available

11.6 Additional information

Habitat type for which either new Natura sites have been designated or former ones have been expanded to cover a bigger part of their surface area.

12. Complementary information

12.1 Justification of % thresholds for trends

12.2 Other relevant information