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

CODE: 1150

NAME: Coastal lagoons

## 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.

BLASI C., BOITANI L., LA POSTA S., MANES F., MARCHETTI M. (Eds.), 2005. Stato della Biodiversità in Italia. Palombi Editori, Roma.

COMMISSION OF THE EUROPEAN COMMUNITIES, 1991. CORINE-biotopes manual. Habitats of the European Community. A metod to identify and describe consistently sites of major importance for nature conservation. EUR 12587/3.

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.

Stoch F. (a cura di), 2004. Laghi costieri e stagni salmastri. Quaderni Habitat, 8. Ministero dell'Ambiente e della tutela del Territorio, Museo Friulano di Storia Naturale.

AA. VV., (2008). Habitat e specie di interesse comunitario nel Lazio. Agenzia Regionale Parchi - Regione Lazio.

GEHU J.M., COSTA M., SCOPPOLA A., BIONDI E., MARCHIORI S., PERIS J.B., FRANCK J., CANIGLIA G., VERI L., 1984. Essai synsystématique et synchorologique sur les végétations littorales italiennes dans un but conservatoire. I - Dunes et vases salees. Doc. Phytosoc. n.s. 8: 393-474.

IBERITE M., 2005. Le praterie alofile e gli ambienti lagunari del Parco Nazionale del Circeo. In: Zerunian S.(ed.), Habitat, flora e fauna del Parco Nazionale del Circeo: 53-63. Uff. Gestione Beni ex ASFD di Sabaudia, Parco Nazionale del Circeo.


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

| | | |
|---|---|---|
| 2.3.1 Surface area - Range (km²) | 20800 | |
| 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 opinion |

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

| | |
|---|---|
| 2.3.10 Reason for change | Use of different method |

## 2.4 Area covered by Habitat

| | | |
|---|---|---|
| 2.4.1 Surface area (km²) | 728,45 | |
| 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 |
| 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 |
| 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 opinion |
| 2.4.13 Reason for change | Use of different method | |

## 2.5 Main Pressures

| Pressure | ranking | pollution qualifier(s) |
|---|---|---|
| suspension culture (F01.02) | medium importance (M) | N/A |
| Urbanised areas, human habitation (E01) | medium importance (M) | 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) |
|---|---|---|
| nautical sports (G01.01) | medium importance (M) | N/A |
| Marine water pollution (H03) | medium importance (M) | N/A |
| Landfill, land reclamation and drying out, general (J02.01) | medium importance (M) | N/A |

| | |
|---|---|
| 2.6.1 Method used – threats | modelling (2) |

## 2.7 Complementary Information

| 2.7.1 Species |
|---|
| Caulerpa prolifera (Forsskal) J.V. Lamouroux |
| Cymodocea nodosa (Ucria) Asch. |
| Kosteletzkya pentacarpos (L.) Ledeb. |
| Ruppia maritima L. |
| Rytiphloea tinctoria (Clem.) C. Agardh |

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

| | |
|---|---|
| 2.7.2 Species method used | General syrveys |
| 2.7.3 Justification of % - thresholds for trends | |
| 2.7.4 Structure and functions - methods used | Estimate based on partial data with some extrapolation and/or modelling (2) |
| 2.7.5 Other relevant information | 1150 habitat type completely belong to the MMED region |

### 2.8 Conclusions (assessment of conservation status at end of reporting period)

| | |
|---|---|
| 2.8.1 Range | assessment Favourable (FV)<br>qualifiers N/A |
| 2.8.2 Area | assessment Favourable (FV)<br>qualifiers N/A |
| 2.8.3 Specific structures and functions (incl Species) | assessment Unknown (XX)<br>qualifiers N/A |
| 2.8.4 Future prospects | assessment Favourable (FV)<br>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

| 3.2.1 Measure | 3.2.2 Type | 3.2.3 Ranking | 3.2.4 Location | 3.2.5 Broad Evaluation |
|---|---|---|---|---|
| Other wetland-related measures (4.0) | Recurrent | medium importance (M) | Inside | Maintain |
| Restoring/improving water quality (4.1) | Recurrent | high importance (H) | Inside | Maintain |
| Restoring/improving the hydrological regime (4.2) | Recurrent<br>One-off | medium importance (M) | Inside | Maintain |
| Establish protected areas/sites (6.1) | Administrative | medium importance (M) | Inside | Maintain<br>Long term |
| Legal protection of habitats and species (6.3) | Administrative | high importance (H) | Inside | Maintain<br>Long term |