

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

CODE: 2240

NAME: Brachypodietalia dune grasslands with annuals

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

2005-2012

1.1.4 Additional map

No

1.1.5 Range Map

Yes

2. Biogeographical Or Marine Level

2.1 Biogeographical Region

Mediterranean (MED)

2.2 Published

The present Habitat assessment (fields 0.1-3.1) has been compiled by Pierangela Angelini (ISPRA). Published and unpublished data, information and experts' judgments have been provided by Edoardo Biondi, Liliana Zivkovic and Giovanni Spampinato (SBI).

Angelini P., Augello R., Bianco P.M., Gennaio R., La Ghezza V., Lavarra P., Marrese M., Papallo O., Perrino V. M., Sani R., M. Stelluti. 2012. Carta degli habitat della Regione Puglia per il sistema informativo di Carta della Natura alla scala 1:50.000. ISPRA - Arpa Puglia

Biondi E, Blasi C, Burrascano S, Casavecchia S, Copiz R, Del Vico E, Galdenzi D, Gigante D, Lasen C, Spampinato G, Venanzoni R, Zivkovic L (2009a) Italian interpretation Manual of the habitats (92/43/EEC Directive). Ministero dell'Ambiente e della Tutela del Territorio e del Mare. <http://vnr.unipg.it/habitat/>
Blasi et al., 2010. La Vegetazione d'Italia con Carta delle Serie di Vegetazione in scala 1:500000. Palombi ed., Camarda I., Carta L., Brunu A., Brundu G., Laureti L., Angelini P., Bagnaia R., 2011. Carta degli habitat della Regione Sardegna per il sistema informativo di Carta della Natura alla scala 1:50.000. Dipartimento di Scienze Botaniche Ecologiche e Geologiche dell'Università degli Studi di Sassari - ISPRA - Regione Sardegna

Casella L., Agrillo E., Bianco P.M., Cardillo A., Carbone M., Cattena C., Laureti L., Lugari A., Spada F., 2008. Carta degli habitat della Regione Lazio per il sistema informativo di Carta della Natura alla scala 1:50.000. ISPRA - Università degli Studi di Roma "La Sapienza" - Regione Lazio

ISPRA, 2011. Dati del sistema informativo di Carta della Natura alla scala 1:50.000.

ISPRA, Corine land cover 2006 IV livello. Dati della Rete del sistema Informativo Nazionale Ambientale - SINAnet

ISPRA, 2005. Dati del sistema informativo di Carta della Natura alla scala 1:50.000.

Papini F., Gianguzzi L., Brullo S., Bianco P. M., Angelini P., 2006. Carta degli habitat della Regione Sicilia per il sistema informativo di Carta della Natura alla scala 1:50.000. Dipartimento di Scienze Botaniche dell'Università degli Studi di Palermo - Dipartimento di Botanica dell'Università degli Studi di Catania - Regione Sicilia - ISPRA

Prisco I., Acosta A.T.R., Ercole S., 2012. An overview of the Italian coastal dune EU habitats. Ann. Bot. 2: 39-48

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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 ²) | 20900 |
| 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 | decrease (-) |
| 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 ²) operator approximately equal to (≈) unknown 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 ²) | 68,12 |
| 2.4.2 Year or period | 2005-2012 |
| 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 | decrease (-) |
| 2.4.6 Short-term trend magnitude | min max |
| 2.4.7 Short term trend method used | Estimate based on expert opinion with no or minimal sampling (1) |
| 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 more than (>) 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) |
|--|-----------------------|------------------------|
| roads, motorways (D01.02) | medium importance (M) | N/A |
| Tramplng, overuse (G05.01) | medium importance (M) | N/A |
| dispersed habitation (E01.03) | medium importance (M) | N/A |
| artificial planting on open ground (non-native trees) (B01.02) | medium importance (M) | N/A |
| Soil pollution and solid waste (excluding discharges) (H05) | medium importance (M) | N/A |
| Discharges (E03) | low importance (L) | N/A |

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

2.6 Main Threats

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| Threat | ranking | pollution qualifier(s) |
|--|-----------------------|------------------------|
| roads, motorways (D01.02) | medium importance (M) | N/A |
| Trampling, overuse (G05.01) | medium importance (M) | N/A |
| dispersed habitation (E01.03) | medium importance (M) | N/A |
| artificial planting on open ground (non-native trees) (B01.02) | medium importance (M) | N/A |
| Soil pollution and solid waste (excluding discharges) (H05) | medium importance (M) | N/A |
| Discharges (E03) | low importance (L) | N/A |

2.6.1 Method used – threats expert opinion (1)

2.7 Complementary Information

2.7.1 Species

Brachypodium distachyum

Aira elegans

Campanula dichotoma

Lotus angustissimus

Moenchia mantica

Cynosurus polybracteatus

Anagallis parviflora

Tuberaria guttata

Galium divaricatum

Briza maxima

Lagurus ovatus

Rumex bucephalophorus

Plantago lagopus

Plantago bellardii

Plantago albicans

Anchusa hybrida

Thymelaea passerina

2.7.2 Species method used

List from field "combinazione fisionomica di riferimento" of habitat's form in: Manuale Italiano di Interpretazione degli Habitat (Biondi et al., 2009; <http://vnr.unipg.it/habitat/>)

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 Inadequate (U1)
qualifiers N/A

2.8.2 Area

assessment Inadequate (U1)
qualifiers N/A

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2.8.3 Specific structures and functions (incl Species)

assessment Inadequate (U1)
qualifiers N/A

2.8.4 Future prospects

assessment Inadequate (U1)
qualifiers N/A

2.8.5 Overall assessment of Conservation Status

Inadequate (U1)

2.8.5 Overall trend in Conservation Status

unknown (x)

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 45,78676 max 45,78676

3.1.2 Method used

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

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 |
|--|-------------------------|------------------------|----------------|---|
| Restoring coastal areas (4.4) | Recurrent One-off | high importance (H) | Both | Maintain Enhance |
| Establish protected areas/sites (6.1) | Legal Administrative | high importance (H) | Both | Maintain Enhance Long term Not evaluated |
| Legal protection of habitats and species (6.3) | Administrative | high importance (H) | Inside | Maintain Enhance Long term |

Notes

Habitat code: 2240 Region code: MED

| Field label | Note | User |
|--------------------|---|-------------------|
| 2.4.1 Surface area | Nel calcolo delle superfici (campi 2.3.1, 2.4.1 e 3.1.1) rientra anche la superficie delle aree comprese nella regione continentale | ISPRA_h abitat |