

Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

| | |
|---|------------------------|
| 0.1 Member State | IT |
| 0.2.1 Species code | 5013 |
| 0.2.2 Species name | Plecotus sardus |
| 0.2.3 Alternative species scientific name | N/A |
| 0.2.4 Common name | N/A |

1. National Level

1.1 Maps

| | |
|--------------------------|---|
| 1.1.1 Distribution Map | Yes |
| 1.1.1a Sensitive species | No |
| 1.1.2 Method used - map | Estimate based on partial data with some extrapolation and/or modelling (2) |
| 1.1.3 Year or period | 2002-2012 |
| 1.1.4 Additional map | No |
| 1.1.5 Range map | Yes |

2. Biogeographical Or Marine Level

2.1 Biogeographical Region

2.2 Published sources

Mediterranean (MED)

The present species assessment (fields 0.1-2.9) has been compiled by Daniele Paoloni, Cristiano Spilinga (Associazione Teriologica Italiana - ATIt) and Anna Alonzi, Piero Genovesi, Francesca Ronchi (Institute for Environmental Protection and Research - ISPRA). Information, unpublished data and experts' judgments have been provided by Paolo Agnelli, Mara Calvini, Luca Cistrone, Michele Ferretto, Mauro Mucedda, Danilo Russo, Dino Scaravelli, Martina Spada, Roberto Toffoli, Simone Vergari (Italian Group for bat Research).

Mucedda M., Kiefer A., Pidinchedda E., Veith M., 2002. A new species of long-eared bat (Chiroptera, Vespertilionidae) from Sardinia (Italy). Acta Chiropterologica, 4 (2): 121-135.

Regione Autonoma della Sardegna - Assessorato Difesa Ambiente , 2012 - "Servizio di monitoraggio dello stato di conservazione degli habitat e delle specie di importanza comunitaria presenti nei siti della Rete Natura 2000 in Sardegna – Linea 4. Redazione del Rapporto sullo stato di conservazione di habitat e specie.

Regione Autonoma della Sardegna - Assessorato Difesa Ambiente - 2008-2009. "Realizzazione del sistema di monitoraggio dello stato di conservazione degli habitat e delle specie di interesse comunitario della Regione Autonoma della Sardegna".

Ruffo S., Stoch F., 2005. Checklist e distribuzione della fauna italiana. Memorie del Museo Civico di storia naturale di Verona, 2.serie, Sezione scienze della Vita 16.

2.3 Range

| | |
|---|---|
| 2.3.1 Surface area - Range (km ²) | 1100 |
| 2.3.2 Method - Range surface area | Estimate based on partial data with some extrapolation and/or modelling (2) |
| 2.3.3 Short-term trend period | 2001-2012 |

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| | | |
|----------------------------------|--|----------------------------|
| 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 ²) | |
| | operator | approximately equal to (≈) |
| | unknown | No |
| | method | Expert judgement |
| 2.3.10 Reason for change | Improved knowledge/more accurate dataUse of different method | |

2.4 Population

| | | | | |
|--|--|--|-----|---------------------|
| 2.4.1 Population size (individuals or agreed exception) | Unit | N/A | | |
| | min | | max | |
| 2.4.2 Population size (other than individuals) | Unit | number of map 10x10 km grid cells (grids10x10) | | |
| | min | 3 | max | 3 |
| 2.4.3 Additional information | Definition of locality Conversion method Problems Impossible to convert grids into individuals | | | |
| 2.4.4 Year or period | 2002-2012 | | | |
| 2.4.5 Method – population size | Estimate based on expert opinion with no or minimal sampling (1) | | | |
| 2.4.6 Short-term trend period | 2001-2012 | | | |
| 2.4.7 Short term trend direction | unknown (x) | | | |
| 2.4.8 Short-term trend magnitude | min | | max | confidence interval |
| 2.4.9 Short-term trend method | Estimate based on expert opinion with no or minimal sampling (1) | | | |
| 2.4.10 Long-term trend period | | | | |
| 2.4.11 Long term trend direction | N/A | | | |
| 2.4.12 Long-term trend magnitude | min | | max | confidence interval |
| 2.4.13 Long-term trend method | N/A | | | |
| 2.4.14 Favourable reference population | number | | | |
| | operator | N/A | | |
| | unknown | Yes | | |
| | method | | | |
| 2.4.15 Reason for change | | | | |

2.5 Habitat for the Species

| | |
|---|---|
| 2.5.1 Surface area - Habitat (km ²) | |
| 2.5.2 Year or period | |
| 2.5.3 Method used - habitat | Absent data (0) |
| 2.5.4 a) Quality of habitat | Moderate |
| 2.5.4 b) Quality of habitat - method | Expert based |
| 2.5.5 Short term trend period | 2001-2012 |
| 2.5.6 Short term trend direction | decrease (-) |
| 2.5.7 Long-term trend period | |
| 2.5.8 Long term trend direction | N/A |
| 2.5.9 Area of suitable habitat (km ²) | |
| 2.5.10 Reason for change | Improved knowledge/more accurate data Use of different method |

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2.6 Main Pressures

| Pressure | ranking | pollution qualifier(s) |
|---|-----------------------|------------------------|
| Forest and Plantation management & use (B02) | medium importance (M) | N/A |
| forestry clearance (B02.02) | medium importance (M) | N/A |
| burning down (J01.01) | medium importance (M) | N/A |
| recreational cave visits (G01.04.03) | medium importance (M) | N/A |
| reconstruction, renovation of buildings (E06.02) | medium importance (M) | N/A |
| demolishment of buildings & human structures (E06.01) | medium importance (M) | N/A |

2.6.1 Method used – pressures based only on expert judgements (1)

2.7 Main Threats

| Threat | ranking | pollution qualifier(s) |
|---|-----------------------|------------------------|
| Forest and Plantation management & use (B02) | medium importance (M) | N/A |
| forestry clearance (B02.02) | medium importance (M) | N/A |
| recreational cave visits (G01.04.03) | medium importance (M) | N/A |
| demolishment of buildings & human structures (E06.01) | medium importance (M) | N/A |
| reconstruction, renovation of buildings (E06.02) | medium importance (M) | N/A |
| burning down (J01.01) | medium importance (M) | N/A |

2.7.1 Method used – threats expert opinion (1)

2.8 Complementary Information

2.8.1 Justification of % thresholds for trends

2.8.2 Other relevant Information

2.8.3 Trans-boundary assessment

2.9 Conclusions (assessment of conservation status at end of reporting period)

| | |
|---|--|
| 2.9.1 Range | assessment Favourable (FV) qualifiers N/A |
| 2.9.2. Population | assessment Unknown (XX) qualifiers N/A |
| 2.9.3. Habitat | assessment Inadequate (U1) qualifiers N/A |
| 2.9.4. Future prospects | assessment Inadequate (U1) qualifiers N/A |
| 2.9.5 Overall assessment of Conservation Status | Inadequate (U1) |
| 2.9.5 Overall trend in Conservation Status | unknown (x) |

3. Natura 2000 coverage and conservation measures - Annex II species

3.1 Population

| | | |
|-----------------------|------|-----|
| 3.1.1 Population Size | Unit | N/A |
| | min | max |

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|---------------------------------------|-----|
| 3.1.2 Method used | N/A |
| 3.1.3 Trend of population size within | N/A |

3.2 Conversation Measures