

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 | 1082 |
| 0.2.2 Species name | Graphoderus bilineatus |
| 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 | 2007-2012 |
| 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

Continental (CON)

The present species assessment (fields 0.1-2.9) has been compiled by Fabio Stoch (on behalf of the Comitato Scientifico per la Fauna d'Italia) and Anna Alonzi, Piero Genovesi, Francesca Ronchi (ISPRA). Information, unpublished data and expert judgements have been provided by Saverio Rocchi (Firenze).

Mazzoldi P., Pederzani F., Rocchi S., Schizzerotto A., Toledo M., 2009. La coleotterofauna acquatica del Lago di Pratignano (Modena) (Insecta Coleoptera: Haliplidae, Noteridae, Dytiscidae, Helophoridae, Hydrochidae, Hydrophilidae, Sphaeridiidae, Hydraenidae). Atti Accademia Roveretana degli Agiati, 259: 81-90

2.3 Range

| | |
|---|--|
| 2.3.1 Surface area - Range (km ²) | 2500 |
| 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 |
| 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 N/A unkown Yes method Expert opinion |
| 2.3.10 Reason for change | Use 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 | 12 max 12 |

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

| | | | |
|--|---|--|---------------------|
| 2.4.3 Additional information | Definition of locality | | |
| | Conversion method | not available | |
| | Problems | it is impossible to convert grids into individuals | |
| 2.4.4 Year or period | 2007-2012 | | |
| 2.4.5 Method – population size | Estimate based on partial data with some extrapolation and/or modelling (2) | | |
| 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 | Expert opinion | |
| 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 opinion |
| 2.5.5 Short term trend period | 2001-2012 |
| 2.5.6 Short term trend direction | unknown (x) |
| 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 |

2.6 Main Pressures

| Pressure | ranking | pollution qualifier(s) |
|--|---------------------|------------------------|
| Landfill, land reclamation and drying out, general (J02.01) | high importance (H) | N/A |
| infilling of ditches, dykes, ponds, pools, marshes or pits (J02.01.03) | high importance (H) | N/A |

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

2.7 Main Threats

| Threat | ranking | pollution qualifier(s) |
|--|---------------------|------------------------|
| infilling of ditches, dykes, ponds, pools, marshes or pits (J02.01.03) | high importance (H) | N/A |

| | |
|-----------------------------|--------------------|
| 2.7.1 Method used – threats | expert opinion (1) |
|-----------------------------|--------------------|

2.8 Complementary Information

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

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 Inadequate (U1)
qualifiers declining (-)

2.9.2. Population assessment Unknown (XX)
qualifiers N/A

2.9.3. Habitat assessment Inadequate (U1)
qualifiers declining (-)

2.9.4. Future prospects assessment Inadequate (U1)
qualifiers declining (-)

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

3.1.2 Method used Absent data (0)

3.1.3 Trend of population size within 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 |
|---|------------|---------------|----------------|------------------------|
| No measure known/ impossible to carry out specific measures (1.3) | | () | | |

2. Biogeographical Or Marine Level

2.1 Biogeographical Region

2.2 Published sources

Alpine (ALP)

The present species assessment (fields 0.1-2.9) has been compiled by Fabio Stoch (on behalf of the Comitato Scientifico per la Fauna d'Italia) and Anna Alonzi, Piero Genovesi, Francesca Ronchi (ISPRA). Information, unpublished data and expert judgements have been provided by Saverio Rocchi (Firenze).

Distribution data for the following grid cells have been removed by the Ministry of Environment: 10kmE439N251; 10kmE440N253; 10kmE437N255

Tagliapietra V., Zanocco D., 1998 - Il Progetto Bioitaly in Trentino: invertebrati. Centro di Ecologia Alpina, Trento-Viote del Monte Bondone, Report n. 14: 83 pp.

2.3 Range

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

| | |
|---|--|
| 2.3.1 Surface area - Range (km ²) | 700 |
| 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 |
| 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 (km ²) operator more than (>) unknown No method Expert opinion |
| 2.3.10 Reason for change | Use 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 2 max 2 |
| 2.4.3 Additional information | Definition of locality Conversion method not available Problems it is impossible to convert grids into individuals |
| 2.4.4 Year or period | 2007-2012 |
| 2.4.5 Method – population size | Estimate based on partial data with some extrapolation and/or modelling (2) |
| 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 | Absent data (0) |
| 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 more than (>) unknown No method Expert opinion |
| 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 opinion |
| 2.5.5 Short term trend period | 2001-2012 |
| 2.5.6 Short term trend direction | stable (0) |
| 2.5.7 Long-term trend period | |
| 2.5.8 Long term trend direction | N/A |

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

2.5.9 Area of suitable habitat (km²)

2.5.10 Reason for change

Improved knowledge/more accurate data Use of different method

2.6 Main Pressures

| Pressure | ranking | pollution qualifier(s) |
|--|-----------------------|------------------------|
| infilling of ditches, dykes, ponds, pools, marshes or pits (J02.01.03) | 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) |
|--|-----------------------|------------------------|
| infilling of ditches, dykes, ponds, pools, marshes or pits (J02.01.03) | 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

There is a substantial lack of recent data from this biogeographic region

2.8.3 Trans-boundary assessment

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

| | |
|---|---|
| 2.9.1 Range | assessment Inadequate (U1) qualifiers stable (=) |
| 2.9.2. Population | assessment Unknown (XX) qualifiers N/A |
| 2.9.3. Habitat | assessment Inadequate (U1) qualifiers stable (=) |
| 2.9.4. Future prospects | assessment Unknown (XX) 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 |
| 3.1.2 Method used | Absent data (0) | |
| 3.1.3 Trend of population size within | 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 |
|--|------------|---------------|----------------|------------------------|
| Measures needed, but not implemented (1.2) | | () | | |