

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

| | |
|---|-----------------------------|
| 0.1 Member State | GR |
| 0.2.1 Species code | 1778 |
| 0.2.2 Species name | <i>Centaurea lactiflora</i> |
| 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 | Complete survey/Complete survey or a statistically robust estimate (3) |
| 1.1.3 Year or period | 2012 |
| 1.1.4 Additional map | Yes |
| 1.1.5 Range map | Yes |

2. Biogeographical Or Marine Level

2.1 Biogeographical Region

Mediterranean (MED)

2.2 Published sources

Georgiadis Th. 1980: Contribution a l' étude cytogéographique du genre *Centaurea* L. (Sectio *Acrolophus* (Cass.) DC.) en Grèce. – PhD Thesis, Université de Provence, Marseille.

Strataki F. 1998: The plants of the 92/43/EEC Directive for Greece: 'Status' – Threats – Protection legislation [In Greek]. MSc Dissertation, 257 pp. - University of Patras, Patras, Greece.

Bazos I. & Delipetrou P. 2013. *Centaurea lactiflora*. The IUCN Red List of Threatened Species. Version 2014.3. <www.iucnredlist.org>

2.3 Range

| | |
|---|--|
| 2.3.1 Surface area - Range (km ²) | 12 |
| 2.3.2 Method - Range surface area | Complete survey/Complete survey or a statistically robust estimate (3) |
| 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 approximately equal to (≈) unkown No method Favourable reference range was based on the sum of the historic and current distribution of the species. Some earlier published records that were proved to represent different species were excluded from range estimations. Some localities from Nomos Xanthi, Nomos Pierias and Nomos Thessalonikis which need confirmation were also excluded. |
| 2.3.10 Reason for change | |

2.4 Population

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| | | | | |
|---|--|---|-----|---------------------|
| 2.4.1 Population size (individuals or agreed exception) | Unit | number of individuals (i) | | |
| | min | 2500 | max | 4000 |
| 2.4.2 Population size (other than individuals) | Unit | N/A | | |
| | min | | max | |
| 2.4.3 Additional information | Definition of locality Conversion method Problems | | | |
| 2.4.4 Year or period | 2012 | | | |
| 2.4.5 Method – population size | Complete survey/Complete survey or a statistically robust estimate (3) | | | |
| 2.4.6 Short-term trend period | 2002-2012 | | | |
| 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 | approximately equal to (≈) | | |
| | unknown | No | | |
| | method | The favourable reference population was defined as the minimum number of individuals counted in 2014. | | |

2.4.15 Reason for change

2.5 Habitat for the Species

| | |
|---|---|
| 2.5.1 Surface area - Habitat (km ²) | 0,12 |
| 2.5.2 Year or period | 2012 |
| 2.5.3 Method used - habitat | Complete survey/Complete survey or a statistically robust estimate (3) |
| 2.5.4 a) Quality of habitat | Good |
| 2.5.4 b) Quality of habitat - method | Centaurea lactiflora grows along roadsides or in field margins and is surrounded by deciduous oak forests. It can also be found in clearings of oak forests and occasionally colonizes man-made habitats (e.g. debris deposition). The roadsides of paved roads will be maintained in the long term because they are important for local transportation. The roadsides of secondary roads are maintained because they serve agricultural activities and domestic animal transfer. |
| 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) | 0 |
| 2.5.10 Reason for change | |

2.6 Main Pressures

| Pressure | ranking | pollution qualifier(s) |
|----------------------------------|-----------------------|------------------------|
| non intensive grazing (A04.02) | medium importance (M) | N/A |
| garbage and solid waste (H05.01) | low importance (L) | N/A |

2.6.1 Method used – pressures based exclusively or to a larger extent on real data from sites/occurrences or other

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2.7 Main Threats

| Threat | ranking | pollution qualifier(s) |
|----------------------------------|-----------------------|------------------------|
| non intensive grazing (A04.02) | medium importance (M) | N/A |
| garbage and solid waste (H05.01) | low importance (L) | 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

Note on 2.5.1: Habitat area estimation is the sum of the area actually covered by the population of the species.

Note on 2.6, 2.7 & 2.9.4: The species grows in locations influenced by human activities (transportation, livestock farming, logging) and is subject to stochastic events with an unpredictable impact to the population.

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 Favourable (FV)
qualifiers N/A

2.9.3. Habitat assessment Favourable (FV)
qualifiers N/A

2.9.4. Future prospects assessment Unknown (XX)
qualifiers N/A

2.9.5 Overall assessment of Conservation Status Favourable (FV)

2.9.5 Overall trend in Conservation Status N/A

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

3.1 Population

3.1.1 Population Size Unit number of individuals (i)
min 2500 max 4000

3.1.2 Method used Complete survey/Complete survey or a statistically robust estimate (3)

3.1.3 Trend of population size within unknown (x)

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 |
|--|---------------|---------------------|----------------|------------------------|
| Establish protected areas/sites (6.1) | Legal One-off | high importance (H) | Inside | Maintain Long term |
| Legal protection of habitats and species (6.3) | Legal | high importance (H) | Both | Maintain Long term |
| Regulation/ Management of hunting and taking (7.1) | Legal | high importance (H) | Inside | Long term |