

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	1780
0.2.2 Species name	<i>Centaurea niederi</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

2.2 Published sources

Mediterranean (MED)

Georgiadis Th. 1980: Contribution à l' étude phylogénétique du genre *Centaurea* (Sectio *Acrolophus*) (Cass.) DC. en Grèce. – Ph.D. These, Université de Provence, France.

Georgiadis Th., Economidou E. & Christodoulakis D. 1990: Flora and Vegetation of the Strofilia Coastal Area (NW Peloponnesos – Greece). – *Phyton (Horn)* 30: 15-36.

Georgiadis Th. & Phitos D. 1976: Contribution a l' étude cytotaxonomique du genre *Centaurea* L. [Sectio *Acrolophus* (Cass.) DC.] en Grèce. – *Rev. Biol. Ecol. Medit.* 3(1): 13-16.

Morgan V. & Leon C. 1992: Datasheets of flora species for revision of Appendix I of the Bern Convention. Volume IV. – Council of Europe Press, Strasbourg.

Tan K. & Iatrou G. 2001: Endemic Plants of Greece. The Peloponnese. – Copenhagen: Gads Publishers Ltd.

Wagenitz G. 1989: Nahe Verwandtschaft zwischen Arten der *Centaurea* - Sectionen *Acrolophus* und *Phalopepis*. – *Flora, Morphol. Geobot. Oekophysiol.* 182:341-351.

Ιατρού Γ. 1986: Συμβολή στη μελέτη του ενδημισμού της χλωρίδας της Πελοποννήσου. – Διδακτορική Διατριβή, Πανεπιστήμιο Πατρών, Πάτρα.

Στρατάκη Φ. 1998: Τα φυτά της Οδηγίας 92/43 ΕΕ για την Ελλάδα. 'Status'-Απειλής-Νομοθεσία Προστασίας τους. – Μεταπτυχιακό Δίπλωμα Ειδίκευσης, Πανεπιστήμιο Πατρών, Πάτρα.

Γκανάτσας Π., Γεωργιάδης Θ., Δημητρέλλος Γ., Μελιάδης Ι., Λιβανίου-Τηνιακού Α., Σπανού Σ. 2009. Δράση Β1 - Εξάπλωση και χαρακτηριστικά του πληθυσμού του φυτικού είδους *Centaurea niederi* Heldr. Τελική Αναφορά για το Πρόγραμμα Παρακολούθησης των Περιβαλλοντικών Δεδομένων Προστατευόμενης Περιοχής (Monitoring) Κοτυχίου-Στροφυλιάς. Φορέας Διαχείρισης Υγροτόπων Κοτυχίου-Στροφυλιάς

2.3 Range

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2.3.1 Surface area - Range (km ²)	8
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	1998-2012
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) 8 operator N/A unkown No method Favourable reference range was based on the sum of the historic and current distribution of the species. One 1964 locality from where the species has disappeared (due to a quarry) was excluded.
2.3.10 Reason for change	Improved knowledge/more accurate data Use of different method

2.4 Population

2.4.1 Population size (individuals or agreed exception)	Unit number of individuals (i) min 4000 max 7000
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	2008-2012
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	1998-2012
2.4.7 Short term trend direction	stable (0)
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 approximately equal to (≈) unknown No method The favourable reference population was defined as greater than the minimum population size estimated
2.4.15 Reason for change	Improved knowledge/more accurate data Use of different method

2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km ²)	0,18
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	The habitat composition consists of the typical species of the habitat type

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2.5.5 Short term trend period	1998-2012
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
2.5.9 Area of suitable habitat (km ²)	0,5
2.5.10 Reason for change	Improved knowledge/more accurate data Use of different method

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
hand collection (F04.02.02)	medium importance (M)	N/A

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

2.7 Main Threats

Threat	ranking	pollution qualifier(s)
disposal of inert materials (E03.03)	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 1.1.3 the actual period is until 2014

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 1700 max 2600

3.1.2 Method used Estimate based on partial data with some extrapolation and/or modelling (2)

3.1.3 Trend of population size within stable (0)

3.2 Conversation Measures

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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