

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	1904
0.2.2 Species name	Ophrys argolica
0.2.3 Alternative species scientific name	Ophrys argolica H. Fleischmann subsp. Argolica
0.2.4 Common name	Ophrys tis Argolidas

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	2001-2012
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 sources

- Thiele, G. & Thiele, W., 2010. Unsere Orchideen-Fundorte in Europa. Jour. Eur. Orch. 42(2):333-411.
- Delforge, P. 2005c. Contribution à la connaissance du groupe d'Ophrys tenthredinifera dans le bassin méditerranéen oriental. Natural. belges 86 (Orchid. 18): 95-140.
- Gölz, P., Ott, H. & Ott, M., 1995. Die Orchideen der Insel Kithira. Ein Beitrag zum OPTIMA-Projekt „Kartierung der mediterranen Orchideen“. Jour. Eur. Orch. 27(4):622-658.
- Willing, B. & Willing, E., 1983. Beitrag zur Verbreitung der Orchideen Ätoliens und Arkananiens sowie der Insel Lefkas (NW-Griechenland). Mitt. Bl. Arbeitskr. Heim. Orch. Baden-Württ. 15(3):351-413.
- Bayer, M., Künkele, S. & Willing, E., 1978. Interimskarten zur Verbreitung der südgriechischen Orchideen. Mitt. Bl. Arbeitskr. Heim. Orch. Baden-Württ. 10(3/4):114-216.
- Künkele, S. & Paysan, K., 1981. Die Orchideenflora von Euböa (Griechenland). - Beih. Veroff. Naturschutz Landschaftpflege Bad.-Württ., 23:1-138. Karlsruhe.
- Vöth, W., 1981. Fundorte griechischer Orchideen. Mitt. Bl. Arbeitskr. Heim. Orch. Baden-Württ. 13(1): 1-89.
- Hölzinger, J., Künkele, A. & Künkele, S., 1985. Die Verbreitung der Gattung Ophrys L. auf dem griechischen Festland. Mitt. Bl. Arbeitskr. Heim. Orch. Baden-Württ. 17(1):1-101.
- Vallianatou I., Yannitsaros A. 2000. A contribution to the vascular flora of the islands of the Saronic Gulf (Greece). Bot. Chron. 13:303-323.

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)	11000
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	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 (≈) unkown No method All the known sites where <i>O. argolica</i> has been found (both historical and present) were used to define the FRR.

2.3.10 Reason for change

2.4 Population

2.4.1 Population size (individuals or agreed exception)	Unit number of individuals (i) min 8500 max 10000
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	2003-2012
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	Estimate based on partial data with some extrapolation and/or modelling (2)
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 8500 operator N/A unknown No method Present data as well as all the historical distribution data were taken into account to define the FRP, which would be better defined as 6000-9000.

2.4.15 Reason for change

2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km ²)	2000
2.5.2 Year or period	2003-2012
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	A lot of subpopulations were detected in olive groves. If these olive groves will be intensively cultivated the species under concern will be destroyed.

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

2.5.5 Short term trend period	2002-2012
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)
agricultural intensification (A02.01)	high importance (H)	N/A
use of biocides, hormones and chemicals (A07)	high importance (H)	N/A
non intensive grazing (A04.02)	high importance (H)	N/A
lack of fires (J01.03)	high importance (H)	N/A
competition (flora) (K04.01)	high importance (H)	N/A

2.6.1 Method used – pressures mainly based on expert judgement and other data (2)

2.7 Main Threats

Threat	ranking	pollution qualifier(s)
agricultural intensification (A02.01)	high importance (H)	N/A
use of biocides, hormones and chemicals (A07)	high importance (H)	N/A
competition (flora) (K04.01)	high importance (H)	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 to 2.9.2: The population size is strongly affected by the combination of the threats referred above. In areas where natural vegetation dominates, *O. argolica* is threatened either by the intensive grazing or by the natural vegetation succession as a result of the lack of forest fires and in some places the total lack of grazing. On the other hand, traditionally cultivated olive groves host a significant number of individuals. Intensification of the cultivation will harm the subpopulations of *O. argolica*

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 Favourable (FV) qualifiers N/A
2.9.5 Overall assessment of Conservation Status	Favourable (FV)
2.9.5 Overall trend in Conservation Status	N/A

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

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	N/A		
3.1.3 Trend of population size within	N/A		

3.2 Conversation Measures